



Documents of the 106th Meeting of the IUCN Council
Marseille, 11 September 2022

A. SUMMARY OF THE 106th COUNCIL MEETING

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[Compiled by Louise Imbsen, Governance Assistant]

¹ Note that the documents submitted to the Council for consideration may differ from any of these documents subsequently approved by Council, modified as the case may be, and attached to the summary minutes of the Council meeting.



106th Meeting of the IUCN Council
Marseille, 11 September 2021

DECISIONS¹

Dec. #	Council Decision
Agenda (Agenda Item 1)	
C106/1	The IUCN Council, <u>Adopts</u> the agenda of its 106 th Meeting. (Annex 1)
Appointments (Agenda Item 2)	
Councillor from the State in which IUCN has its seat	
C106/2	The IUCN Council, <u>Appoints</u> Mr. Norbert Baerlocher as Councillor from the State in which IUCN has its seat.
Additional appointed Councillor	
C106/3	The IUCN Council, <u>Appoints</u> Mr. Francisco Ramiro Batzin Chojoj (Guatemala) as additional Councillor in conformity with Article 38 (f) of the Statutes.
Appointment of Deputy Chairs and members of the steering committees of the IUCN Commissions (Agenda Item 3)	
C106/4 ²	The IUCN Council, <i>In accordance with</i> Regulation 73, with the purpose of enabling the Commissions to be functional as soon as possible following the end of the Congress, pending additional nominations to be made by the Chairs for approval at the first ordinary meeting of the Council (107 th meeting, February 2022) taking into account criteria such as technical qualification, geographic representation and gender equity, <i>On the recommendation of</i> the respective Commission Chair, <u>Appoints</u> the following individuals as: 1. <u>World Commission on Environmental Law (WCEL)</u> : Deputy Commission Chair: Ayman Cherkaoui (Morocco/Canada) Members of the Steering Committee: Sheila Abed (Paraguay), Antonio Herman Benjamin (Brazil), Parvez Hassan (Pakistan, <i>ex officio</i>), Nicholas Robinson (USA,

¹ The definitive wording of decisions is subject to Council's approval of the summary minutes in accordance with Regulation 52.

² The Chair of the Species Survival Commission (SSC) expressed the wish to make his nominations for Deputy Chair and members of the Steering Committee at the 107th Council meeting (February 2022). In the meantime, in accordance with Regulation 73, "*until the Council appoints their successors, the incumbent Deputy Chair and Steering Committee members shall continue in office*".

	<p><i>ex officio</i>), Sandrine Friedli Cela (Switzerland, <i>ex officio</i>), Alejandro Iza (Argentina, <i>ex officio</i>), Rose-Liza Eisma-Osorio (Philippines, <i>ex officio</i>), Elizabeth Maruma Mrema (Tanzania), Nilufer Oral (Turkey), Lavanja Rajamani (India), Agnes Michelot (France), Marina Venâncio (Brazil), James Cameron (UK), Denise Antolini (USA)</p> <p>2. <u>World Commission on Protected Areas (WCPA)</u>: Deputy Commission Chair: Andrew Rhodes Espinoza (Mexico) Members of the Steering Committee: Olivier Chassot, (<i>Communications</i>, Costa Rica)</p> <p>3. <u>Commission on Environmental, Economic and Social Policy (CEESP)</u>: Deputy Commission Chair: Ameyali Ramos (Mexico) Members of the Steering Committee: Elise Huffer (<i>Regional Vice Chair, Oceania</i>, Fiji), Michael Painter (<i>Regional Vice Chair, North America</i>, USA), Maria Morenos de Rios (<i>Regional Vice Chair, Meso & South America</i>, Ecuador/Spain), Ritu Dhingra (<i>Regional Vice Chair, East and Southern Asia</i>, India), Luc Bas (<i>Regional Vice Chair, Europe</i>, Belgium), Galeo Saintz (<i>Chair, Theme on Environmental Peacebuilding</i>, South Africa), Jennifer (Jing) Tauli Corpuz (<i>Chair, Indigenous People & Environment</i>, Philippines), Melanie Zurba (<i>Chair, Theme on Governance, Equity and Rights</i>, Canada), Neil Dawson (<i>Theme on Human Wellbeing & Sustainable Livelihoods</i>, UK), Jacob Park (<i>Theme on Economics and Regenerative Finance</i>, USA), Emmanuel Nuesiri, (<i>Natural Resource Governance Framework</i>, Cameroon)</p> <p>4. <u>Commission on Ecosystem Management (CEM)</u>: Deputy Commission Chair: Liette Vasseur (<i>Vice President for North America</i>) Members of the Steering Committee: Doris Mutta (<i>Vice President for Africa</i>, Kenya), Jonathan Hughes (<i>Vice President for Europe</i>, UK), Bernal Herrera Fernandez (<i>Vice President for Meso and South America</i>, Costa Rica), Madhav Karki (<i>Vice President for Asia</i>, Nepal), Peter Smith (<i>Vice President for Oceania</i>, Australia)</p> <p>5. <u>Commission on Education and Communication (CEC)</u>: Deputy Commission Chair: Margaret Otieno Members of the Steering Committee: Katalin Czippan (<i>Strategic Adviser</i>), Cheryl Charles, Co-Chair of #NatureForAll, Ana Valerie Mandri (<i>Regional Vice Chair for North America and the Caribbean</i>), Carlos Estrada (<i>Regional Vice Chair for Mesoamerica</i>), Luis Camargo (<i>Regional Vice Chair for South America</i>), Eva Ndamono Shataa (<i>Regional Vice Chair for Eastern and Southern Africa</i>), Tommy Garnett (<i>Regional Vice Chair for West and Central Africa</i>), Aleksey A. Zavarzin (<i>Regional Vice Chair for Eastern Europe and Central Asia</i>), Firas T. Abd-Alhadi (<i>Regional Vice Chair for West Asia</i>), Hanying Li (<i>Regional Vice Chair for East Asia</i>), Vasanti Ra (<i>Regional Vice Chair South and Southeastern Asia</i>), Daniela Benavides Reiss (<i>Regional Vice Chair for Oceania</i>)</p>
<p>Date and place of the first ordinary meeting of the Council following the 2021 Congress (107th Council Meeting) (Agenda Item 4)</p>	
C106/5	<p>The IUCN Council, <i>On the proposal of the Secretariat,</i> <u>Accepts</u> to hold the first ordinary meeting of the Council following the 2021 Congress at the Secretariat headquarters in Gland, Switzerland, from 8 to 10 February 2022.</p>

Expenditure authorization for the Secretariat for the first two months of 2022 (Agenda Item 5)	
C106/6	<p>The IUCN Council, <i>On the proposal of the Secretariat</i>, pending the approval of the IUCN Budget 2022 during the 107th Council meeting (February 2022), <u>Decides</u> to grant its provisional approval of expenditure authority to the Director General for the first two months of 2022 not exceeding the average monthly operating expenditure of the previous year +10%.</p>
Registre du Commerce (Agenda Item 6)	
C106/7	<p>The IUCN Council, In order to comply with relevant legal and administrative requirements of the <i>Registre du commerce</i>, <u>Decides</u> to inform the Canton de Vaud that</p> <p style="text-align: center;">Ms Razan Al Mubarak, Member of Council and President of IUCN</p> <p>has the authority of Council to sign jointly on behalf of IUCN.³</p>

01.10.2021

³ In addition to Nihal Welikala, Member of Council and Treasurer of IUCN and Norbert Bärlocher, Member of Council, who have the authority of Council to sign jointly on behalf of IUCN on the basis of [Council decision C91/5](#) (10 September 2016).

106th Meeting of the IUCN Council¹

11 September 2021 at 9.00 AM CEST (until 5.00 PM CEST at the latest)

Marseille, Parc Chanot, room: H9 - B 1 Auditorium - Mercantour

Draft Agenda

Preliminary notes:

- The Draft Agenda for the (formal) Council meeting (afternoon) has been prepared by the Secretary to Council taking into account the agenda of the first Council meeting held immediately following the close of previous sessions of the Congress.
- The (informal) retreat (morning) is a request from the outgoing Council 2016-21, part of its [Response to the External Review of IUCN's Governance](#), that instead of holding a two-day retreat prior to the first ordinary Council meeting of the new Council (in 2022), a half-day informal retreat to enabling the President and members of the new Council to get to know each other and start building a team. (cf. Bureau decision B97/2 - Annex 3, 16 August 2021 "Outline of a continuous education program for Council members").
- Simultaneous interpretation will be provided onsite in the three official languages of IUCN
- Members of Council not present in person will be offered the possibility to connect remotely (it remains to be confirmed whether the onsite supplier of audio-visual equipment will be able to relay the simultaneous interpretation)

Council Retreat

09:00-10:45	<p>Informal meeting</p> <p><i>The retreat is in the first place an opportunity for the members of the new Council to get to know each other and start building a team. It will be an informal meeting without a formal agenda, documents or minutes. The new President will propose a format for this part of the retreat.</i></p>
10:40-11:00	<p>IUCN's information technology relevant for Council members</p> <p><i>Short presentation by François Jolles, Director, Global Information Systems about the use of each individual Council member's IUCN email address and how to access IUCN's IT infrastructure relevant for Council members.</i></p>
11:00-12:00	<p>Meeting with the outgoing President and members of the Council 2016-21 as required by Resolution 4.009²</p> <p><i>The outgoing President accompanied by members of the outgoing Council who are available will present recommendations to the new Council. See also the Council Report to the 2021 Congress.</i></p>
12:00-13:30	<p>Lunch: lunch will be served in the Council room</p>

¹ First meeting of the new IUCN Council elected by the IUCN World Conservation Congress 2021 (Marseille, 3 to 10 September 2021)

² "CALLS ON IUCN's Council, beginning with the 5th Session of the World Conservation Congress (2012), to schedule a meeting at each Session of the World Conservation Congress to be attended only by all current and newly elected Councillors, to review and discuss Council's obligations and responsibilities to the membership, as well as major issues facing the new Council."

Council Meeting

13:30- 13:35	<p>Agenda Item 1: Introduction by the President and approval of the agenda</p>
13:35- 13:50	<p>Agenda Item 2: Appointments to Council:</p> <p>2.1 Councillor from the State in which IUCN has its seat (<i>The “Councillor from Switzerland” – Article 38 (e) of the IUCN Statutes and 45 (b) of the IUCN Regulations</i>)</p> <ul style="list-style-type: none"> • C106/2/1 attached hereafter <p>2.2 Additional appointed Councillor (Article 38 (f) of the Statutes and Article 45 (a) of IUCN Regulations)</p> <ul style="list-style-type: none"> • C106/2/2 attached hereafter
13:50- 14:20	<p>Agenda Item 3: Appointment of Deputy Chairs and members of the steering committees of the IUCN Commissions (<i>IUCN Regulations 46 and 73</i>)</p> <p><i>As soon as they will have been elected during the Congress, the Chairs of the Commissions will be invited to submit to the Secretary to Council the names of candidates they propose to Council for appointment as Deputy Chairs and, as the case may be, members of the steering committees of their respective Commission. They will also be able to make proposals or additional proposals for appointment of steering committee members at the next Council meeting in 2022. The Secretary to Council will distribute the proposals received from the Chairs to the new Council in the evening of 10 September 2021. See as an example decision C91/3 of the 91st Council meeting, Honolulu, 10 September 2016.</i></p> <ul style="list-style-type: none"> • C106/3/1 WCEL • C106/3/2 WCPA • C106/3/3 CEESP • C106/3/4 CEM • C106/3/5 CEC
14:20- 14:40	<p>Agenda Item 4: Date and place of the first ordinary meeting of the Council following the 2021 Congress (107th Council Meeting)</p> <p><i>In order to ensure appropriate hotel accommodation, the Secretariat has made tentative bookings of hotel space in Nyon, Switzerland (approximately 5 km from IUCN’s Headquarters) for a meeting to be held at the Headquarters from Tuesday 8 February through Thursday 10 February 2022. The proposal is to start with the Council retreat on 8 February, followed by two days of Council meetings.</i></p>
14:40- 14:55	<p>Agenda Item 5: Expenditure authorization for the Secretariat for the first quarter of 2022</p> <p><i>If the first ordinary meeting of the new Council which will consider for approval the 2022 Work Plan and Budget, is convened for February 2022, the Secretariat proposes Council to grant its provisional approval of expenditure authority to the Director General for the first two months of 2022 not exceeding the average monthly operating expenditure of the previous year +10%. A similar approach was taken in 2016: cf. decision C91/4 of 10 September 2016.</i></p>
14:55- 15:10	<p>Agenda Item 6: Registre du Commerce</p> <p><i>To satisfy a requirement of Swiss Law, the IUCN Council will be invited to designate Council members who have the authority of the Council to sign on behalf of IUCN. IUCN’s Legal Adviser, Sandrine Friedli Cela will explain and make a proposal. See as an example decision C91/5 of 10 September 2016.</i></p>
15:10	<p>Agenda Item 7: Any other business</p>



3003 Bern

GS-DETEC

POST CH AG

Mr ZHANG Xinsheng
President of IUCN

president@iucn.org

Bern, 9 September 2021

Dear President of IUCN,

IUCN and Switzerland are linked through a close and fruitful relation. I can also confirm our deep appreciation of the work done by IUCN. By valuing and conserving nature, by promoting the effective and sustainable use of ecosystems and by fostering nature based solutions for global challenges such as climate change, food security and economic development, IUCN is one of the most relevant actors in international environmental governance.

The important relation between IUCN and Switzerland, the Canton of Vaud and the municipality of Gland is also confirmed by the fact that the host country has a permanent representative in the IUCN Council. The mandate of our representative Norbert Bärlocher, Head of the Rio Conventions Section in the International Affairs Division of the Federal Office for the Environment, is ending at this World Conservation Congress. It is my pleasure to inform you that Mr Norbert Bärlocher will be able to continue to fulfill this important role, and that I am nominating him for a second term as Switzerland's representative for the host country seat in the IUCN Council. I am looking forward to his approval as host country member of the IUCN Council during the WCC this month.

I wish you a successful World Conservation Congress and I assure you Switzerland's continued support for IUCN.

Yours sincerely,



Simonetta Sommaruga
Federal Councillor



Copies:

- Luc De Wever, Secretary to IUCN Council (luc.dewever@iucn.org)
- Bruno Oberle, Director General of IUCN (director.general@iucn.org)
- Norbert Bärlocher, Head of the Rio Conventions Section, International Affairs Division, Federal Office for the Environment (norbert.baerlocher@bafu.admin.ch)

September 8, 2021

Razan Al Mubarak
President
International Union for the Conservation of Nature

Dear President Razan Al Mubarak,

Greetings from the IUCN Indigenous Peoples Member Organizations (IPO). We are happy to share that during the first IUCN Global Indigenous Peoples Summit, held in Marseille on September 3, 2021, the landmark *Global Indigenous Agenda for the Governance of Indigenous Lands, Territories, Waters, Coastal Seas and Natural Resources* was [launched]. The Global Indigenous Agenda, developed by IUCN Indigenous Peoples Organisation Members, calls for the secure recognition and respect for collective indigenous rights and governance of lands, territories, waters, coastal seas and natural resources and calls upon the global community – from states to the private sector, NGO conservation community, conservation finance and academia – to engage in specific joint efforts to support the implementation of the *Agenda*.

IUCN DG Bruno Oberle committed to supporting the implementation of this ambitious agenda during the Global Indigenous Peoples Summit. Furthermore, an overwhelming majority of IUCN Members ratified Motion C on the Establishment of an Elected Indigenous Councillor Position during the Member's Assembly on September 8, 2021. However, as you are aware, although the Motion was approved, it will only come into effect at the next Congress.

As such, IPO Members would like to formally request the appointment of an IP representative to the IUCN Council for the term 2021-2025 to ensure meaningful representation of Indigenous Peoples in Council and to exercise our rights to participation to which the Union committed to when they adopted the UN Declaration on the Rights of Indigenous Peoples. We acknowledge that Council has the ability to make such appointments as reflected in Article 38 (f) of the Statutes in relation to the Composition of Council: *38(f) one additional appointed Councillor, chosen by the Council on the basis of appropriate qualifications and interests and skills*. We also understand that precedent was set for this appointment in past Councils, including during the most recent Council 2016-2021 with the appointment of Ramiro Batzin.

IPO Members, in accordance with Indigenous governance and decision-making processes, met on the 24 of August 2021 and agreed by consensus to nominate Mr. Ramiro Batzin as their representative to Council. Thus, IPO Members would like to formally request Mr. Ramiro Batzin's reappointment to the IUCN council.

We strongly believe that it is imperative for Indigenous peoples to have this representation on Council in order to be able to support the Union in the implementation of the *Global Indigenous Agenda for the Governance of Indigenous Lands, Territories, Waters, Coastal Seas and Natural Resources* and other areas of work.

Signed,

Mosquitia Development Agency (MOPAWI)
Ak' Tenamit Association
Association of Productive Development and Services Tikonel
Interethnic Association for the Development of the Peruvian Jungle
Kua`aina Ulu `Auamo - Grassroots growing through shared responsibility
Bolipara Nari Kalyan Somity
Coordinating Body of Indigenous Organizations of the Amazon Basin
Dynamique des Groupes des Peuples Autochtones
Edith Kanakaole Foundation
Executor of the Administration Contract of the Amarakaeri Communal Reserve.
Native Federation of the Madre De Dios River and its Affluents
Federation for Self-Determination of Indigenous Peoples
Laguna Lachuá Foundation
Foundation for the Promotion of Indigenous Knowledge
Gram Unnayon Sangathon
Highlanders Association
Indigenous Peoples of Africa Coordinating Committee
Inuit Issittormiut Siunnersuisoqatigiifiat
Inuit Tapiriit Kanatami
Kamehameha Schools
North Australian Indigenous Land and Sea Management Alliance Limited
MAR2R/CCAD/WWFGEF PROJECT Integrated ridge to reef project in the Mesoamerican Reef Region.



Francisco Ramiro Batzin Chojj

Indigenous Expert on Natural Resources

- . **Nationality:** Guatemalan
- . **Indigenous:** Maya Kaqchikel
- . **Age:** 51 years
- . **Address:** 4ª. Calle 1-50 zona 3 Chimaltenango, Guatemala
- . **Marital status:** Married
- . **DPI No.:** 1722 09668 0401
- . **Passport:** 1722 09668
- . **Phone:** (502) 5206-6705
- . **E-mail:** batzinr@gmail.com

Expert in the use, management and conservation of natural and cultural resources, communication for development, indigenous rights, safeguards, traditional knowledge, consulting, free, prior and informed consent, biodiversity and climate change with a territorial, national and international focus, and the formulation and management of projects.

EDUCATION:

1. **Masters in Local Environmental Management. (curriculum completed).**
 - Universidad de San Carlos de Guatemala, Faculty of Agronomy.
 - Guatemala 2014 - 2018.
2. **Bachelors in Communication Sciences. Active license No 21824**
 - Universidad de San Carlos de Guatemala, School of Communication Sciences.
 - Guatemala 2012.
3. **Professional journalist. Universidad de San Carlos de Guatemala.**
 - School of Communication Sciences.
 - Guatemala 2012.
4. **Graduate in Indigenous Peoples, Forests and REDD+**
 - Universidad Carlos III of Madrid, Spain, Universidad Indígena Intercultural, Quito, Ecuador 2018.
5. **International diploma in Indigenous Rights and the Inter-American System.**
 - Universidad de San Carlos de Guatemala USAC, Centro Universitario de Occidente CUNOC
 - Guatemala 2007.
6. **Diploma in Conservation Strategies and Techniques.**
 - Tecnológico de Monterrey.
 - City of Monterrey, Nuevo León, Mexico, 2007.

7. Diploma in Legislative Management.

- School of Political Science of the Universidad de San Carlos de Guatemala –USAC-
- INCEP (Central American Institute of Political Studies) and CECMA (Center on the Study of Mayan Culture) - Guatemala 2000.

8. Diploma on the rights of Indigenous peoples.

- Universidad Nacional Autónoma de México, Universidad de San Carlos de Guatemala and the AID Justice Program.
- Guatemala, 2000.

9. Public Accountant.

- Escuela Nacional de Ciencias Comerciales Leónidas Mencos Ávila, Chimaltenango.
- Guatemala 1990.

WORK EXPERIENCE:

2021	Executive Director of Sotz’il
2017 – 2020	Regional coordinator of the Integrated Natural Resource Management by Indigenous peoples in Central America CICA/Sotz’il-KFW
2015 – 2016	Executive Director of Sotz’il
2000 – 2005	Regional Coordinator, CICA (Indigenous Council of Central America).
1997 – 1999	Regional Facilitator, CICA.
1996 – 1997	Facilitator, Q’anil Project, Rigoberta Menchu Foundation and United Nations Development Program.
1995 – 1996	Coordinator of Rutzijol, a Mayan periodical, Centro Maya Saqb’e.

NATIONAL AND INTERNATIONAL REPRESENTATIVE POSITIONS:

- a. Global Councilor on Indigenous Peoples, IUCN, since 2018
- b. Vice-chair of the Mesoamerican Committee, IUCN, since 2019
- c. Chair of the national committee of Guatemala, IUCN, since 2019
- d. Global co-coordinator of the International Indigenous Forum on Biodiversity, since 2015
- e. National focal point for Guatemala on Article 8j and related decisions (Traditional knowledge and customary use) Convention on Biological Diversity, since 2010
- f. Member of the National Council on Climate Change of Guatemala, representative of Indigenous peoples, since 2014

- g. Member of the board of the Guatemala Indigenous Table on Climate Change, since 2013
- h. Member of the Communal Lands Promotion Group, Guatemala, since 2005
- i. Indigenous focal point at the World Bank on the Review of policies and dialogue with Indigenous peoples, World Bank. From 2012 to 2016
- j. Member of the Global Indigenous Advisory Council. Conservation International. From 2013 to 2016

AUTHOR OF STUDIES AND PROJECTS:

1 Publications:

- a. Local Biodiversity Outlooks 2. Published by the Forest Peoples Programme, in collaboration with: Centres of Distinction on Indigenous and Local Knowledge, Indigenous Women's Biodiversity Network, International Indigenous Forum on Biodiversity and Secretariat of the Convention on Biological Diversity, 2020
<https://lbo2.localbiodiversityoutlooks.net/#1599743575017-ec25e862-c351>
<https://www.cbd.int/gbo/gbo5/publication/lbo-2-en.pdf>
- b. Primer Reporte de Evaluación de Conocimiento sobre Cambio Climático en Guatemala (First Assessment Report on Knowledge of Climate Change in Guatemala). Published by Sistema Guatemalteco de Ciencias del Cambio Climático, 2019. <https://sgccc.org.gt/category/reporte-de-cambio-climatico-guatemala/>
- c. Reporte de cambio climático Guatemala, Capitulo 13 Conocimiento Indígenas y Cambio Climático (Report on Climate Change in Guatemala, Chapter 13, Indigenous Knowledge and Climate Change). Published by Sistema Guatemalteco de Ciencias del Cambio Climático. 2019 <https://sgccc.org.gt/wp-content/uploads/2019/07/1RepCCGuaCap13.pdf>
- d. Report: Hacia una Centroamérica más resiliente, pilares para la acción (Towards a more resilient Central America, pillars for action), Chapter 2 Los pueblos indígenas en la gestión del riesgo y adaptación al cambio climático inclusiva en Centroamérica (Indigenous Peoples and inclusive risk management and climate change adaptation in Central America) . Published by the World Bank, 2019.
<http://pubdocs.worldbank.org/en/400661571072914189/pdf/Hacia-una-Centroamerica-mas-Resiliente.pdf>
- e. Pueblos Indígenas, gestión del riesgo de desastres y adaptación al cambio climático en Centroamérica (Indigenous Peoples, Disaster Risk Management and Adapting to Climate Change in Central America). Published by the World Bank, 2019.
<http://pubdocs.worldbank.org/en/803671550164760092/pdf/Resumen-de-la-nota-tecnica-de-GRD-ACC-y-pueblos-indigenas-en-Centroamerica.pdf>

2 Studies:

- a. Derechos de los Pueblos Indígenas Vigentes y Derechos No Reconocidos por el Estado Salvadoreño (Study on the Rights of Indigenous Peoples in Force and Rights that are Not Recognized by the State of El Salvador, Ministerio de Ambiente y Recursos Naturales, 20016-2017.
- b. “La Visión y Gestión de los Bosques por parte de Pueblos Indígenas de Guatemala (Maya Q’eqchi’) y su Compatibilidad con los Sistemas Vigentes de Verificación de Legalidad en Guatemala” (The vision and management of forests by Indigenous peoples in Guatemala [Maya Q’eqchi’] and their compatibility with the current legal auditing systems in Guatemala) 2015 – 2016.
- c. Evaluación y Formulación sobre la Situación actual de la Participación de los Pueblos Indígenas en los procesos REDD+ en Mesoamérica (Belize, Guatemala, Salvador, Honduras, Nicaragua, Costa Rica and Panama) (Assessment and formulation on the current situation of the participation of Indigenous peoples in the REDD+ processes in Central America. Forest Carbon Partnership Facility, May to September 2014.
- d. Elaboración Informe sobre La Visión de los Pueblos Indígenas sobre los Conocimientos Tradicionales y el Cambio Climático (Report on the Vision of the Indigenous Peoples regarding traditional knowledge and climate change), Presidential Commission against Discrimination and Racism against Indigenous Peoples in Guatemala, August and September 2011.
- e. Formulación Estudio, Revisión y Evaluación desde la Visión Indígena el Documento Estrategia Nacional REDD+ Honduras (Examination, Review and Assessment from an Indigenous Perspective of the National Strategic REDD+ Document of Honduras), IUCN, March to June 2011.
- f. Revisión y evaluación del Estudio Desde la Visión Indígena el Documento Estrategia Nacional REDD+ Guatemala (Review and assessment from an Indigenous Perspective of the National Strategic REDD+ Document of Guatemala), IUCN, December 2011.
- g. Compilación de las Recomendaciones y Resoluciones de los Organismos Nacionales e Internacionales al Estado de Guatemala en Materia de Derechos de Pueblos indígenas (Compilation of Recommendations and Resolutions of National and International Bodies to the State of Guatemala on the Rights of Indigenous Peoples). Centro Pluricultural para la Democracia, Guatemala, March to May 2010.
- h. Formulación Estudio, Análisis de la Situación de Pueblos Indígenas y Áreas Protegidas en Guatemala en Relación a los Conocimientos Tradicionales, Recursos Genéticos y la Distribución Equitativa de los Beneficios (Examination and Analysis of the State of Indigenous Peoples and Protected Areas in Guatemala regarding Traditional Knowledge, Genetic Resources and the Fair Sharing of Benefits). Fundación para la promoción del Conocimiento Indígena. Panamá, September to November 2010.

3. Formulation, Management and Execution of National and International Projects:

- a. Project Coordination, Design and Management: To'onik Qawinaq: Mecanismo Dedicado para Pueblos Indígenas y Comunidades Locales (To'onik Qawinaq: Dedicated Mechanism for Indigenous Peoples and Local Communities), MDE-Guatemala, World Bank, 2020.
- b. Coordination of design and management of the project Gestión Biocultural de Territorios Indígenas Ru K'ux Abya Yala (Biocultural Management of the Ru K'ux Abya Yala Indigenous Territories), Conservación Inclusiva, CI/IUCN/GEF. 2020.
- c. Coordination of the design of the project: IWANKA Fondo Mesoamericano para el Desarrollo Sostenible de los Pueblos Indígenas en América Latina (Mesoamerican Fund for the Sustainable Development of Indigenous Peoples in Latin America). FIAY-World Bank, 2020.
- d. Coordination of the design and management of the project: Promoting the Participation of Indigenous Peoples in the Convention on Biological Diversity (Latin America, Africa, Asia, Europe) Sotz'il. SwedBio Fund, Sweden, 2016 – 2021.
- e. Coordination of the design and management of REDD+ Capacity-Building Program for Indigenous Peoples in Latin America (Belize, Guatemala, Salvador, Honduras, Nicaragua, Costa Rica, Panamá, Argentina, Chile, Colombia, Guyana, México, Paraguay, Peru, Surinam and Uruguay) Foro Indígena de Abya Yala-Sotz'il 2015 -2021.
- f. Coordination of the design and management of the project: Strengthening the Conservation Rights and Systems and Indigenous Development in Central America, (Guatemala, Honduras, Nicaragua), IUCN-Sotz'il. ICCO Act-Alliance Fund 2015 – 2016.
- g. Advisor to the Program of Integrated Ecosystem Management by Indigenous Peoples in Central America (Belize, Guatemala, Salvador, Honduras, Nicaragua, Costa Rica and Panama), CICA- IDB-World Bank 2008- 2010.
- h. Coordination of the design and management of the project: Advocacy for the Strengthening of collective management processes of natural resources in indigenous lands and territories by instrumentalizing and enforcing the Indigenous management category in Guatemala. 2007.
- i. Coordination of the design and management of the project: Consolidating and Strengthening the Regional Observation and Verification Program of the Indigenous Peoples of Abya Yala, Central America, (Belize, Guatemala, Salvador, Honduras, Nicaragua, Costa Rica and Panama), CICA-SOTZIL PRODECA- IBIS Fund, Denmark, 2000 – 2005.
- j. Experience in the European Union's project management system, Inter-American Development Bank, World Bank and KFW.

4. Design of Participatory Instruments and Methodologies

- a. Development of the methodology and coordination of the Consultation and systematization of the process of securing the free, prior and informed consent (FPIC) for the project Adaptación de comunidades rurales, a la variabilidad y cambio climático para mejorar su resiliencia y

medios de vida en Guatemala (Adapting rural communities to climate variability and climate change to improve their resilience and livelihoods in Guatemala), FAO-Guatemala, 2020

- b. Building of the Methodology and Coordination of the Socialization and Consulting Process of the Feasibility Study of the project “Consolidación del Sistema Guatemalteco de Áreas Protegidas, Fase II y Construcción de la Guía del Proceso de Consulta” (Consolidation of the Guatemalan Protected Areas System, Phase II and Building of the Consultation Process Guide). Guatemala, CONAP, 2018.
- c. Design of the Methodological Consultation and Training Process Guide, REDD+ Project for the Caribbean region of Guatemala, Fundación para el Ecodesarrollo y La Conservación FUNDAECO-CNCG, 2016.
- d. Facilitation of a Latin American consultation and revision process on operational safeguards and environmental and social management. World Bank, February 2014 – January 2015.
- e. Regional consultant (Central America), Development of the Baluwala Methodology and Strategic Definition: Contextual, conceptual, philosophical and methodological framework of the Integrated Ecosystem Management Program in Central America, which guides the development of activities with indigenous vision and knowledge. CICAFOC-BID. Costa Rica, June to October 2008.
- f. Facilitation and development of the K’ulbanik Methodology on indigenous consulting, consensus and legitimization in Guatemala, 2008.

EXPERIENCE AND ONE-OFF RESPONSIBILITIES:

- a. Coordinator and Moderator of the 2nd Global Thematic Dialogue of Indigenous Peoples and Local Communities on the post-2020 Framework, **Convention on Biological Diversity CBD**, November 2020.
- b. Coordinator and moderator of the virtual Dialogue "Impactos de COVID-19 y el cambio climático en los pueblos indígenas (Impacts of COVID-19 and Climate Change on Indigenous Peoples). **Mesa Indígena de Cambio Climático de Guatemala**. October 2020.
- c. Presenter at the Workshop on Indigenous and Local Knowledge for the draft of the first request for the IPBES assessment on exotic invasive species. **Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services**, September 2020.
- a. Global and Regional Dialogue on the post-2020 Global Biodiversity Framework, **International Indigenous Forum on Biodiversity**, July to November 2020.
- b. Coordinator of the Global Indigenous Peoples’ Dialogue and the **Participation of Indigenous Peoples at the COP14 Conference of the Parties** to the Convention on Biological Diversity CDB, Sharm El-Sheikh, Egypt, November 2018.
- c. Presenter at the Indigenous Peoples’ Dialogue on Climate Change, Biodiversity and

Desertification, **Governments of Mexico and Canada**, September-October 2020.

- d. Coordinator of the Symposium on Knowledge and Contributions by Indigenous Peoples to the Management of Disaster Risks and Adaptation to Climate Change, at the event Understanding Risk in Central America, Integration through Action. **World Bank**, February 2020.
- e. Coordinator of the First Thematic Dialogue of Indigenous Peoples and Local Communities on the post-2020 Global Biodiversity Framework. **Convention on Biological Diversity CBD**. November 2019.
- f. Coordinator of a meeting of the Open-ended Working Group on Article 8(j) of the **Convention on Biological Diversity CBD** November 2019.
- g. Coordinator of the first meeting of the Open-ended Working Group on the post-2020 Global Biodiversity Framework. **Convention on Biological Diversity CBD** August 2019.
- h. Coordination of the participation of the Indigenous Abya Yala Forum at the 3rd Congress on Protected Areas of Latin America and the Caribbean, Peru, October 2019.
- i. Global Coordinator of the **Indigenous participation in the Conference of the Parties, COP14**, of the Convention on Biological Diversity CBD, Sharm El-Sheikh, Egypt, November 2018.
- j. Coordinator of Global Indigenous Negotiations, Article 8(j) Working Group on **Traditional Knowledge**, Convention on Biological Diversity, CDB, Montreal, Canada, 2017.
- k. Global Indigenous Coordinator at the Conference of the Parties to the Convention on Biological Diversity on the topics of **Traditional Knowledge and Natural Resources**, Cancun, Mexico, 2016.
- l. Coordinator of Indigenous Participation, **World Congress on Protected Areas**, IUCN, Hawaii, September 2016.
- m. Indigenous coordinator, Side Event on traditional knowledge, Hyderabad, **World Congress on Protected Areas** India, 2012.
- n. Coordinator, Side Event, “Conservation, Sustainable Use of Biodiversity and Climate Adaptation”, Jeju, Japan, 2012.
- o. Coordinator, Side Event, Abya Yala Indigenous Forum on Climate Change, Indigenous Peoples, REDD+ and Free, Prior and Informed Consent, Conference of the Parties to the UNFCCC, Cancun, Mexico, December 2010.
- p. Coordinator, Symposium on Indigenous Peoples, Protected Areas and Traditional Knowledge, 3rd Mesoamerican Congress on Protected Areas. Merida, Yucatan, Mexico, March 2010.

- q. Presenter: Intellectual Property and the Protection of Traditional Knowledge in Central America, Regional Latin-American Conference on Genetic Resources, Intellectual Property and Traditional Knowledge, Quito, Ecuador, July 2008.
- r. Coordinator, Symposium on Indigenous Peoples and Protected Areas, World Congress of the International Union for Conservation of Nature IUCN. Barcelona, Spain, November 2008.
- s. Coordinator, Symposium on Indigenous Peoples and Protected Areas, Working Group on Protected Areas of the Convention on Biological Diversity. Rome, Italy, February 2008.
- t. Lecturer: Module IX, Monitoring and Assessment of Biodiversity. Mesoamerican Course on Article 8(j) of the CBD, University of the Autonomous Regions of the Caribbean Coast of Nicaragua, Puerto Cabezas, Nicaragua, March 2007.
- u. Coordinator, Symposium on Indigenous Peoples and Protected Areas, Bariloche, Argentina, II Latin-American Congress on National Parks and Other Protected Areas, September 2007.
- v. Coordinator, Symposium on Indigenous Peoples and Protected Areas, 2nd Mesoamerican Congress on Protected Areas, CCAD, Central American Commission on the Environment and Development, Panama, April 2006.
- w. Presenter on Indigenous Peoples and Natural Disasters, meeting of Latin America and the Caribbean on education to reduce risks and disasters. El Salvador, September 2004.
- x. Coordinator, Symposium on Indigenous Peoples and Protected Areas, South Africa, World Congress on Protected Areas. September 2003.
- y. Coordinator, Symposium and First Mesoamerican Congress on Protected Areas. CCAD, Central American Commission on the Environment and Development. Managua. Nicaragua March 2003.
- z. Coordinator of a workshop on the vision of the Indigenous peoples of Central America regarding the Puebla Panama Plan, Belize, June 2002. Consejo Indígena de Centro América CICA, Inter-American Bank, IAD.
- aa. Coordinator of the Hemispheric Caucus of the Americas to analyze the Draft American Declaration on the rights of Indigenous Peoples of the Organization of American States, OAS, Guatemala, February 2001. Organization of American States, OAS, Consejo Indígena de Centro América CICA.
- bb. Coordinator, Regional Workshop of Indigenous Peoples on the aftermath of Hurricane Mitch and Development, SICA (Central America Integration System) Consejo Indígena de Centro América CICA. San Salvador, May 1999.
- cc. Facilitator of the participation and advocacy tour of Indigenous peoples at the second meeting of the Donor Country Consultative Group (post Hurricane Mitch), Consejo Indígena de Centro América CICA. Stockholm, Sweden, May 1999.

- dd. Facilitator of the participation and advocacy tour of Indigenous peoples at the third meeting of the Donor Country Consultative Group (post Hurricane Mitch), Consejo Indígena de Centro América CICA, Madrid, 2000.
- ee. Coordinator of the Central American workshop seminar on Challenges of Reconstruction and Tasks for the Future of the Indigenous and Black Peoples of Central America after the Hurricane Mitch Disaster. Tegucigalpa. Fondo Indígena Latinoamericano FONDIN, Consejo Indígena de Centro América CICA. Honduras. December 1998.
- ff. Coordinator of the Summit of State Representatives and Indigenous Peoples of Central America, October 1998. Central American Parliament PARLACEN.
- gg. Coordinator of the workshop seminar on Legislation, Territory and Identity of the Indigenous Peoples of Central America, Tegucigalpa, Honduras, September, 1997. Central American Indigenous Peoples Support Program /European Union.

CERTIFICATES OF PARTICIPATION:

- a. Certificate of participation in the International Seminar on Facilitation Methods and Instruments, **EUROCLIMA-METAACCION**, November 2020.
- b. Teaching diploma in the diploma course on Community Governance and Biological Diversity during Pandemics with an emphasis on Gender and Interculturality, **Grupo Promotor de Tierras Comunales** (Community Lands Promotion Group), November 2020.
- c. Diploma of participation in the dialogues on IVE (Special Verification Intendence). **Manuel Cervantes y Asociados S.C.**, October 2020.
- d. Diploma of participation in the event Understanding Risk in Central America. **World Bank**, February 2020.
- e. Speaker's Diploma Module V on the topic Indigenous Table on Climate Change, Diploma on Gender and Climate Change, **MARN (Department of the Environment and Natural Resources)**, September 2018.
- f. Presenter's Diploma for a presentation on Ancestral Indigenous Knowledge, First Assessment Report on the Knowledge of Climate Change in Guatemala, **SGCCC, Guatemalan System on Climate Change Sciences**, July 2018.
- g. Diploma of participation in the World Congress on Nature of the IUCN, Honolulu, United States, **IUCN**, September 2016.
- h. Diploma of participation in the Civil Society Seminar of Mexico and Central America Towards COP21 on Climate Change, **Delegation of the European Union in Mexico, Mexico**, October 2015.
- i. Panelist Diploma at the First Departmental Climate Change Forum, **Huehuetenango Departmental Table on Climate Change, Guatemala, 2015.**

- j. Panelist Diploma at the Forum on Bioethics and Mayan Worldview as part of the Masters' Program on Ecological Design and Construction, **Universidad Rafael Landívar, Faculty of Architecture and Design, Guatemala 2014.**
- k. Speaker's Diploma at the National Meeting on Private Land Conservation.. **ARNPG (Guatemala Association of Private Natural Reserves). Guatemala, June 5, 2013.**
- l. Recognition for the development of the topic "Traditional Knowledge and the Environment in the Context of the Oxlajuj B'aqtun". **Ministerio de Cultura y Deportes. Guatemala, March 22, 2012.**
- m. Recognition of participation in the First Municipal Forum celebrating International Women's Day, **Municipality of Chimaltenango, March 2012.**
- n. Recognition for a lecture at the Conference on Biodiversity and Climate Change, in the context of "Indigenous Peoples' Challenges". **Universidad de San Carlos de Guatemala, Faculty of Agronomy. Guatemala, July 2011.**
- o. Diploma for speaking at a conference on Indigenous Traditional Knowledge and Climate Change, **Consejo Nacional de Ciencia y Tecnología y la Secretaria Nacional de Ciencia y Tecnología (National Council on Science à Technology and National Secretariat on Science and Technology), Guatemala, July 2011.**
- p. Moderator of women's activities fostering and spreading topics that are supportive of women, **Alianza de Mujeres Kaqchikeles de Sacatepéquez (Sacatepéquez Kaqchikel Women's Alliance), March 2011.**
- q. Acknowledgement as a speaker in the dialogue on "Consequences of Climate Change for Guatemala and its positioning at the Conference of the Parties –COP 16- in Cancun, Mexico". **Facultad Latinoamericana de Ciencias Sociales FLACSO-Sede Guatemala and the Red Nacional de Formación e Investigación Ambiental REDFIA. Guatemala, November 23, 2010.**
- r. Certificate of participation in the Trainers Training Workshop "Climate Change and the Role of Forests". **Conservation International and the Indigenous Table on Climate Change of Guatemala. Guatemala, July 21 to 24, 2010.**
- s. Certificate of participation in the 2nd Latin American Summit on Climate Change and its Impacts on Indigenous Peoples: **Post Copenhagen. Enlace Continental de Mujeres Indígenas Región Sudamérica, Consejo Indígena de Centro América, Centro de Culturas Indígenas del Perú. Lima, Peru, January 25 and 26, 2010.**
- t. Certificate of participation in the Regional Forum on Housing Policies for Indigenous Peoples in cities, **ONU Habitat, Ecuador, July 2009.**

- u. Training course on the Inter-American and Universal Human Rights Protection Systems. **Sistemas Interamericano y Universal de Protección de los Derechos Humanos 2006. Washington D. C., October 27, 2006.**
- v. Certificate of participation in the Intensive Training Course on Conservation Area Planning Methodology. **The Nature Conservancy TNC. San Pedro Sula, Honduras, August 2 to 24, 2006.**
- w. Acknowledgement of participation and collaboration in the seminar “Construyendo un diálogo para la colaboración efectiva entre los Pueblos Indígenas y la Conservación Ambiental” (Building an dialogue for the effective collaboration between Indigenous peoples and environmental conservation). **El Ministerio de Ambiente y Recursos Naturales, el Consejo Nacional de Áreas Protegidas, el Consejo Indígena de Centro América, Conservación Internacional, The Nature Conservancy, FUNDAECO, La Universidad del Valle de Guatemala y Calmecac. Tecpan, Guatemala, December 6 and 7, 2005.**
- x. Certificate of participation in the course “Capacity-Building in Socio-Environmental Conflict Prevention and Resolution”. **Central American Integration System, Central American Commission on the Environment and Development, Futuro Latinoamericano, Instituto Nacional de Biodiversidad. San José, Costa Rica, October 24 and 28, 2005.**
- y. Acknowledgement of participation in the workshop “Building a dialogue for an efficient collaboration: Indigenous Peoples, Conservation and Protected Areas. **CONANP, CONSERVATION INTERNATIONAL, NA BOLOM. Tuxtla Gutiérrez, Chiapas, Mexico, August 4 and 5, 2005.**
- z. Certificate as coordinator of a symposium at the First Mesoamerican Congress on Protected Areas. **Steering committee of the First Mesoamerican Congress on Protected Areas. Managua, Nicaragua, March 14, 2003.**
- aa. Diploma of participation in the Central American regional workshop “Indigenous Peoples and Protected Areas”. **CICA, CCAD, CICAFOC. Guatemala, December 7, 8 and 9, 2000.**

REFERENCES:

- **Dianna Pizarro**
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World Bank
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- **Grethel Aguilar**
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- **Onel Masardule A.**
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Guatemala, February 2021.



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CORE EDUCATION

• Cambridge University Certificate in Business Sustainability Management	Cambridge, United Kingdom	2017
• EMLYON Business School MSc. in Management: Finance	Lyon, France	2015-2016
• Oxford University Certificate in Climate Change Adaptation	Oxford, United Kingdom	2014
• University of Montréal LL. B. Law	Montréal, Canada	2008-2012
• McGill University Bachelor in Mechanical Engineering (Aeronautics, Minors in Management and East Asian Studies)	Montréal, Canada	2003-2008
• Lycée Lyautey of Casablanca Scientific baccalaureate with Mathematics specialty: High Distinction	Casablanca, Morocco	1996-2002

WORK EXPERIENCE

• Mohammed VI Foundation for Environmental Protection <i>Senior Manager, Strategic Development & Coordinator</i> Coordinate the Mohammed VI Prize for the Climate and Sustainable Development and provide technical and strategic advice to the Foundation		2018-Current
• Centre for International Sustainable Development Law <i>Lead Counsel, Chief Communications Officer, Legal Research Fellow</i> Oversee the Climate Change Programme, lead legal research studies and projects		2011-Current
• Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) <i>Climate Change and Sustainable Development Consultant</i> Provided technical support on Climate Change and Sustainable Development		2016-2021
• United Nations Development Programme <i>Executive Director of the Morocco Local Network of the United Nations Global Compact</i>		2018
• COP22 Presidency <i>Special Advisor</i>		2016-2017
• Ministry of Environment <i>COP22 Advisor to the Environment Minister</i>		2015-2016
• VALYANS Consulting <i>Principal analyst</i>		2015
• International Air Transport Association (IATA) <i>Mobilization Strategy Officer in Financial Services</i>		2013-2014
• University of Montréal <i>Head Delegate for the University of Montréal at NMUN, Legal Counsel</i>		2010-2011
• Air Liquide <i>Intern in strategic marketing and business development</i>		2007-2008

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Expert in climate change, sustainability, management, strategy, bilateral and multilateral negotiations
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SELECTED DISTINCTIONS

Master of Ceremony/ Moderator/ Keynote speaker/ Panelist in dozens of international conferences on Sustainable Development, Law, Governance, Energy, Climate Change, Finance, Climate Finance, Capacity Building, etc.

Elected Regional Facilitator, Major Groups and Stakeholders, Africa by African Organizations accredited to the United Nations Environment Programme

Publications, Studies, Research for Multilateral Development Banks / Development Agencies / Universities

Ambassador of the Adaptation Without Borders Initiative of ODI/SEI/IDDRI, **Fellow** at Oxford Climate Policy

Member of the IUCN World Commission on Environmental Law and the Review Committee of the IPCC Special Report on 1.5 °C

Recognized as Leader by:

United Nations, Obama Foundation, Bill & Melinda Gates Foundation & CIVICUS, Atlantic Dialogues, Tel Quel

Chairmanship of Formal UNFCCC Negotiations Groups and Candidate of Morocco to Chair the AGN in 2017

Member of the Scientific Committee of COP 22

Broad knowledge base with advanced degrees from first tier universities and international institutions on Environment, Diplomacy, Sustainable Development, Finance, etc.

AREAS OF EXPERTISE

VIP Support: (> 5 years EXP)

- Speech Writing
- Briefing Notes
- Strategic Partnership Management

Sustainability (>10 years EXP)

- Strategy
- Technical knowledge

Cross Disciplinary approaches (> 5 years EXP)

- Law
- Finance
- Engineering
- Climate Change
- Food Security
- Diplomacy

Team Management (>10 years EXP)

- Team Building
- Conflict Resolution
- Cross Cultural Management

Project Management (> 5 years EXP)

- Program development
- Monitoring and Evaluation

Communications (>10 years EXP)

- Public Speaking
- Written Communications
- Social Media Campaigns
- Press Releases

International Experience (>10 years EXP)

- Europe
- North America
- Asia
- Africa

Institutional Experience (>10 years EXP)

Non-Governmental Organizations (>10 years EXP)

Proposal for IUCN WCEL Steering Committee members

Sheila Abed

Antonio Herman Benjamin

Parvez Hassan

Nicholas Robinson

Sandrine Friedli Cela

Alejandro Iza

Rose-Liza Eisma-Osorio

Elizabeth Maruma Mrema

Nilufer Oral

Lavanja Rajamani

Agnes Michelot

Marina Venâncio

James Cameron

Denise Antolini

Sheila Abed (*ex officio*)

Renown Paraguayan lawyer. Served as Counselor of the Yacyretá Binational Hydropower Dam from 2016 to 2018 and as the Minister of Justice and Labor of the Republic of Paraguay from 2013 to 2016. Served as Chair of the [World Commission on Environmental Law of the International Union for Conservation of Nature \(WCEL- IUCN\)](#) from November 2004 to September 2012 and was also Special Envoy for Environmental Justice for the United Nations Environment Program (UNEP). Founder and Executive Director of the Institute on Economics and Environmental Law (IDEA) in Paraguay and Chair of the Conservation Alliance for Latin American and the Caribbean (ALCA). Has a law degree from the National University of Asunción; an L.L.M in Environmental Law from the University of Limoges, France and the Catholic University “Nuestra Señora de la Asunción”; and a PhD from the University of Buenos Aires.

Justice Antonio Herman Benjamin (*ex officio*)

Appointed Justice of the National High Court of Brazil (STJ) in 2006 by President Luiz Inácio Lula da Silva, Professor Antonio Herman Benjamin was a career Assistant Attorney General of the State of São Paulo for over twenty years, where he headed the Environmental Protection Division for several years. In 2015, Justice Benjamin was appointed Justice of the Superior Electoral Tribunal of Brazil (TSE), having acted as its Electoral Inspector-General ever since. Justice Benjamin was the founding President of both the Brazilian Consumer Law and Policy Institute and Law for a Green Planet Institute. He is former President of the Brazilian Fulbright Alumni Association, member of the UN Secretary-General’s Legal Expert Group on Crimes Against the Environment, and decade-long Councilor of the Brazilian Environmental Council (CONAMA), first appointed by President Fernando Henrique Cardoso and later re-appointed by President Luiz Inácio Lula da Silva. He is both President of the Brazilian Environmental Forum of Judges (FONAMA) and the Environmental Committee of the Summit of Chief Justices of Ibero-America. At the international level, he served as Co-chair of INECE – The International Network for Environmental Compliance and Enforcement. Currently, he is Chair of the Brazil-U.S. Law Society and the IUCN World Commission on Environmental Law - WCEL, and Secretary-General of UN Environment’s International Advisory Council for Environmental Justice. Justice Benjamin was Professor at the Catholic University of Brasília School of Law and is visiting professor of the University of Texas School of Law at Austin since 1994. He received his LL.B. from the Federal University of Rio de Janeiro, his LL.M. from the University of Illinois, and his PhD from the Federal University of Rio Grande do Sul. He is the founder and Emeritus Editor-in-Chief of the Brazilian Consumer Law Review and the Brazilian Environmental Law Review. He has co-drafted several major Brazilian statutes, including the 1990 Consumer Protection Code, the 1992 Anti-Corruption Act, the 1994 Competition Act, the 1998 Crimes against the Environment Act, the 2012 Forest Code, the 2006 Forest Concession Act, and the 2006 Atlantic Forest Act. Professor Benjamin has published over thirty books and articles in Brazil and abroad. During the 2012 Rio+20 Conference, he was coordinator of the UNEP World Congress on Justice, Governance and Law for Environmental Sustainability. Justice Benjamin has received several awards, honors and other recognitions in Brazil and abroad. He is a Knight (Chevalier) of the National Order of the Legion of Honor (Ordre National de la Légion d’Honneur) of France, a Commander of the Order of King Leopold of Belgium, and Laureate of the Elizabeth Haub Prize for Environmental Law,

Parvez Hassan (*ex officio*)

Dr Parvez Hassan (a Patron of the GNHRE) is Senior Partner at Hassan and Hassan (Advocates), Pakistan and a Senior Advocate in the Supreme Court of Pakistan. He holds a Doctor of Laws from Harvard University; a Master of Laws from Yale University; and a Bachelor of Laws and Bachelor of Arts from Punjab University.

Parvez has a wide range of international awards and honours, including inclusion on the Global 500 Roll of Honour of the United Nations Environment Program (UNEP) ‘in recognition of outstanding practical achievements in the protection and improvement of the environment’ conferred in Stockholm, Sweden (1991); Honorary Membership of IUCN – The World Conservation Union for ‘outstanding services to conservation of nature and natural resources’ conferred at the IUCN – The World Conservation Congress in Amman, Jordan (2000); the Elizabeth Haub Prize (1998) in recognition of his status as ‘one of the world leaders in Environmental Law’ awarded in Brussels (2000); the 7th International Conference on Environmental Law in Sao Paulo, Brazil, 2003, was held against the backdrop of ‘A Tribute to Parvez Hassan’. He was awarded a plaque ‘in recognition of his vision, leadership and commitment to a sustainable world’ and he won the Wolfgang Burhenne Award for his contribution to environmental law, awarded at the IUCN – The World Conservation Congress in Barcelona, Spain (2008).

Parvez has extensive affiliations to the Government of Pakistan. He drafted the Pakistan Environmental Protection Ordinance, 1983 and is a member of the Pakistan Environmental Protection Council, 1989 – 1998; 2001 – present. He is a member of the Pakistan Marine Pollution Control Board, 1994; Chair of the IUCN Legal Panel that drafted the Pakistan Environmental Protection Act, 1997 and, alongside a wide range of other high level affiliations with the government, has pioneered and led environmental protection and sustainable development issues in Pakistan for over three decades. Parvez is also a well-known human rights activist, and as Acting Chairman of the All Pakistan Lawyers National Co-ordination Committee led the lawyers’ movement against General Ziaul Haq in 1983 and was brutalized by the police. He later participated in the lawyers’ movement against General Pervez Musharraf in 2007-2008 and was again brutalized by the police and arrested in November 2007.

Parvez has a wide range of past and present regional and international affiliations, including as: Consultant to Asian Development Bank, Manila; Consultant to UN ESCAP, Bangkok; Co-Chairman (with Ambassador Tommy Koh), Advisory Committee, Asia – Pacific Centre for Environmental Law, National University of Singapore; Member of the Asia Pacific Forum on Environment and Development. He was IUCN Regional Councillor for West Asia, 1984 – 1987; Deputy Chair of the Commission on Environmental Law, 1989 – 1990; Chair of Commissions, 1993 – 1996; Legal Advisor, 1994 – 1996; Chair, Statutes Review Committee, 1994 – 1996 and was instrumental in the successful adoption of the Revised Statutes by the IUCN World Conservation Congress in Montreal in 1996. He was Member of the Steering Committee, Commission on Environmental Law, 1996 – 2004; Chair of the Commission on Environmental Law, 1990 – 1996, where, under his leadership the IUCN Draft International Covenant on Environment and Development was finalized and launched at the UN General Assembly in 1995. Dr. Hassan also led the establishment of regional capacity building centres for environmental law and was co-founder of the Asia – Pacific Centre of Environmental Law in Singapore. Parvez has twice been nominated as one of two candidates for the IUCN Presidency.

Alongside numerous other affiliations, both academic and legal, Parvez has a stunning history of public interest litigation, including the internationally-acclaimed case *Shehla Zia vs. WAPDA* before the Supreme Court of Pakistan, which upheld the right to a decent environment as covered by the constitutionally protected fundamental rights to life and dignity (1994).

In February 2011, Parvez was appointed a Mediator by the Supreme Court of Pakistan in the Lahore Canal Road Widening Dispute which had generated a lot of public interest. The eighteen recommendations made by the Mediation Committee appointed by Parvez, including the declaration of the Lahore Canal Road area as a heritage urban park, were all approved by the Supreme Court in its landmark judgment (2011).

Parvez has written numerous articles on environment, law and national affairs in law journals and other publications in the U.S., Europe and Pakistan, and has organized and chaired international law conferences and presented keynote addresses all over the world. Parvez is on the Editorial Board of the *Asia Pacific Journal of Environmental Law* and the *Journal of Human Rights and the Environment*.

Nicholas A. Robinson (*ex officio*)

Professor Nicholas A. Robinson has developed environmental law since 1969, when he was named to the Legal Advisory Committee of the President's Council on Environmental Quality. He has practiced environmental law in law firms for municipalities and as general counsel of the New York State Department of Environmental Conservation. He drafted New York's wetlands and wild bird laws and was inaugurated as the first chairman of both the statutory Freshwater Wetlands Appeals Board and Greenway Heritage Conservancy for the Hudson River Valley. He has served as legal advisor and chairman of the Commission on Environmental Law of the International Union for the Conservation of Nature and Natural Resources, engaged in drafting treaties and counseling different countries on the preparation of their environmental laws. He founded Pace's environmental law programs, edited the proceedings of the 1992 United Nations Earth Summit in Rio de Janeiro, Brazil, and is author of several books and numerous articles. He teaches a number of environmental law courses.

Professor Robinson served as James D. Hopkins Professor of Law during the 1991–1993 academic years.

On March 2009, the Pace University Board of Trustees conferred the position of University Professor for the Environment on Nicholas A. Robinson for his significant contribution to scholarship in the field of environmental law, both in the USA and abroad.

Sandrine Friedli Cela (*ex officio*)

Sandrine Friedli Cela joined the IUCN as Legal Adviser in January 2015 and is very pleased to contribute in her function to the achievement of the IUCN's mission. Prior to this assignment she worked for more than ten years as Legal Counsel in the public and private sector, including with the Swiss Railway Company, Cotecna Inspection, Tamedia Publications romandes and Medicines for Malaria Venture. As Legal Adviser to the Union, she is based at IUCN Headquarters in Gland, Switzerland, and reports to the Director General. In her role, she is in charge of handling all legal issues affecting IUCN's global Secretariat and other statutory components of the Union. Among her major responsibilities, she provides legal support and advice on the negotiation/drafting of contracts and MOUs; on governance matters; on dispute resolution and the conduct of litigation, and on legal status and related issues arising in IUCN's

relations with the Governments of host countries, the European Commission, the United Nations and other international organizations. Sandrine holds a law degree from the University of Fribourg and an LL.M. in European and International Economic Law from the University of Lausanne, both in Switzerland. She also participated in student exchange programs in the United States, Germany and Italy. Sandrine likes to travel and to discover other countries and cultures. She likes to work in a international and multicultural environment. She is fluent in French, German, English and Italian and would like to improve her basic knowledge in Spanish.

Alejandro Iza (*ex officio*)

Dr. Iza's broad expertise spans international environmental law, focusing on water resources and marine law. In his academic career, Dr Iza taught public international law, law of European Integration, environmental risks, and international environmental law. In legal practice, at the European Commission (DG Environment), he specialised in complaints relating to EC environmental law, especially involving nature conservation, environmental impact assessment (EIA), wastes, water resources and pollution. An Argentine national, Dr. Iza holds a law degree from the University of Buenos Aires (Argentina), a Master of Laws Degree from the University of London, a Master of International Relations and International Law from the University of Belgrano (Argentina) and a Doctor of Laws Degree from the University of Buenos Aires.

Rose-Liza Eisma-Osorio (*ex officio*)

Atty. Rose-Liza Eisma-Osorio is a lecturer at the University of Cebu in the Philippines teaching environmental law, public and private international law, legal research and writing, and human rights law. At the same time, she is the Faculty Adviser and Editor-in-Chief of the Journal of Research in Law and Policy. She is also one of the faculty members who acts as official representative to the IUCN Academy of Environmental Law (IUCNAEL). She is also a member of IUCN's World Commission on Environmental Law (WCEL). She is also one of the founders and managing trustee of the Philippine Earth Justice Center, Inc. (PEJC), which has filed several environmental cases in the Philippines, including the landmark decision of the Supreme Court in Resident Marine Mammals and Dolphins vs. Reyes where she is one of the two lawyers who were recognized as the stewards of the dolphins and whales of Tañon Strait Protected Seascape in Central Philippines against illegal oil exploration in a protected seascape.

Elizabeth Maruma Mrema

United Nations Secretary-General António Guterres, following consultation with the Bureau of the Conference of the Parties to the Convention on Biological Diversity (CBD), announced on 8 June 2020 the appointment of Elizabeth Maruma Mrema of Tanzania as Executive Secretary of the Secretariat of the Convention on Biological Diversity.

Since December 2019, Ms. Mrema has been the Acting Executive Secretary of the CBD Secretariat. Prior to that, Ms. Mrema served as Director of the Law Division at the United Nations Environment Programme (UNEP) in Nairobi, Kenya. With over two decades of experience at the United Nations, Ms. Mrema brings to the position extensive experience in global environmental law and policymaking, implementation of environmental and sustainable development programmes, and a deep knowledge of multilateral processes. From 2009 to 2012, she served as the Executive Secretary of the UNEP/Secretariat of the Convention on the Conservation of Migratory Species of Wild Animals as well as served as the Acting Executive Secretary of the UNEP/ASCOBANS (Agreement on the Conservation of Small Cetaceans of the

Baltic, North East Atlantic, Irish and North Seas) as well as Interim Executive Secretary of the UNEP/Gorilla Agreement, all based in Bonn, Germany.

Before joining UNEP, Ms. Mrema worked with United Republic of Tanzania's Ministry of Foreign Affairs and International Cooperation. During her time with the Ministry, she also lectured in Public International Law and Conference Diplomacy at Tanzania's Centre for Foreign Relations and Diplomacy.

Ms. Mrema holds a Master of Law degree from Dalhousie University, Halifax, Canada, a Postgraduate Diploma in International Relations and Diplomacy from the Centre of Foreign Relations and Diplomacy in Dar-es-Salaam, Tanzania, and a Bachelor of Law from the University of Dar-es-Salaam, Tanzania.

Nilüfer Oral

Nilüfer Oral is Director of the Centre of International Law (CIL) at the National University of Singapore and is a member of the law faculty at Istanbul Bilgi University, Turkey. She is member of the UN International Law Commission and co-chair of the Study Group on Sea-level rise in relation to international law. She served as climate change negotiator for the Turkish Ministry (2009 – 2016). She has also appeared before the International Tribunal for the Law of the Sea. Dr. Oral served on the IUCN Council, was co-chair of the IUCN-WCEL Oceans Specialist Groups and currently serves as a member of the WCEL Steering Committee. She was also a member of the International Group of Experts for the Global Pact for the Environment, as well as a Distinguished Fellow of the Law of the Sea Institute at UC Berkeley Law; Senior Fellow of the National University of Singapore Law School; and Honorary Research Fellow at the University of Dundee. Dr. Oral is on the editorial board of several international law journals and has published numerous articles edited several books, and has spoken at many international conferences.

Lavanya Rajamani

Lavanya Rajamani is a Professor of International Environmental Law, Faculty of Law, University of Oxford, and Yamani Fellow in Public International Law, St Peter's College, Oxford. She was formerly a Professor at the Centre for Policy Research, New Delhi, where she now holds a Visiting Professorship. Before that she was a University Lecturer in Environmental Law, and Fellow & Director of Studies in Law at Queens' College, Cambridge. Lavanya holds an LLM from Yale, a DPhil and BCL from Oxford, where she was a Rhodes scholar, and a B.A.LL.B. (Honours) from National Law School, Bangalore, where she graduated at the top of her class with several gold medals.

Lavanya writes, teaches and advises on international environmental law, in particular international climate change law and policy. Her latest book is the second edition of the Oxford Handbook of International Environmental Law (August, 2021) which she co-edited with Jacqueline Peel, University of Melbourne. Her previous book titled, 'Innovation and Experimentation in the International Climate Change Regime', based on a Special Course she delivered at the Hague Academy of International Law, was published in March 2020 as part of the Collected Courses of the Hague Academy of International Law/ Recueil des Cours. Her book 'International Climate Change Law' (Oxford University Press, UK, 2017), co-authored with Daniel Bodansky and Jutta Brunnée won the 2018 American Society of International Law Certificate of Merit in a Specialized Area of International Law. Her other books include 'Promoting Compliance in the Emerging Climate Regime' (CUP, 2011, co-editor), 'Implementation of International

Environmental Law’ (Hague Academy of International Law, 2011, co-editor), ‘Climate Change Liability: Transnational Law and Practice’ (CUP, 2011, co-editor), ‘Differential Treatment in International Environmental Law’ (Oxford University Press, UK, 2006, author), and she has numerous peer-reviewed articles in law and inter-disciplinary journals.

Lavanya was a KFG Senior Research Fellow at the Berlin-Potsdam Research Group ‘The International Rule of Law – Rise or Decline?’ and a Sir Frank Holmes Visiting Fellow at the University of Victoria, Wellington. She has held visiting Professorships and taught courses on public international law at Ashoka University, India; international environmental law on the MBA in Green Energy at the Bologna Business School; international climate change law at the National University of Singapore and the University of Aix-en-Provence; human rights and environmental law on the Masters in International Human Rights Law at Oxford; and human rights and climate change law on the Melbourne Law Masters (MLM).

Lavanya serves as Coordinating Lead Author of the chapter on ‘International Cooperation’ in the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. She has also served as Rapporteur for the International Law Association’s Committee on Legal Principles Relating to Climate Change, and as Research Director for the Hague Academy of International Law’s Centre for Studies and Research.

Lavanya’s academic work on the international climate change regime is informed by extensive practice. She has worked on and tracked the climate negotiations in different capacities, including as a negotiator for the Alliance of Small Island States, and legal advisor to the UN Climate Secretariat, the Danish Ministry of Climate Change and the Indian Ministry of Environment and Forests. She was part of the UNFCCC core drafting and advisory team at the 2015 Paris negotiations, and, was identified by Climate Home News as one of the ‘Women to watch ahead of the UN’s 2015 Climate Summit.’ She is also involved in differing capacities, but in particular in providing the evidence base, in current and prospective climate cases before national and international courts.

Agnès Michelot

Agnès Michelot has been a lecturer and researcher at the University of La Rochelle since 1998, in the Faculty of Law, Political Science and Management.

Her main areas of research are international environmental law, where she publishes particularly on the themes of environmental justice (which includes climate justice), biodiversity law, sustainable management of coastal areas, the status of climate refugees and ecological debt. She is now interested in the principle of ecological solidarity.

All her research and numerous recognitions have earned her other hats.

She served previously as the President of the French Society for Environmental Law since 2013 and an associate of the environment section of the Economic, Social and Environmental Council (CESE) since 2014. She was also a special associate for the United Nations Institute for Training and Research (UNITAR, Geneva) International Environmental Law Training Program from 2005 to 2008. This program is designed to train government personnel in international environmental law.

In connection with her research on transboundary cooperation for the management of protected areas and the results of her thesis, she joined the African Network of the Man and Biosphere Program (MAB) in 1999 at the request of the UNESCO Directorate of Ecological Sciences and

became a consultant for the MAB program. She thus participated in the establishment of the first transboundary biosphere reserve in Africa: the W Biosphere Reserve (Benin, Burkina Faso, Benin) by elaborating the draft international status of this reserve.

Subsequently, given her knowledge of the field and of the law applicable in these three countries, she became head of mission for the harmonization of legislation for the EDF ECOPAS project (European Union, 7th European Development Fund, Program for the Conservation and Rational Use of Contiguous Protected Areas in Benin, Burkina Faso, Niger and their zones of influence).

She was then recruited as a legal expert for the AGIR program (European Union EDF).

She is the author of publications in environmental law and scientific coordinator of the books "Equity and the environment; What models of environmental justice?" in 2012 and "Climate justice: issues and prospects" in 2016. Her work focuses on the consideration of the relationship between social and environmental inequalities by law. She is co-rapporteur with Jean Jouzel of an EESC opinion voted in 2016 on "Climate justice: challenges and prospects for France" which converges with the opinion adopted in 2017 by the European Economic and Social Committee on climate justice. She is also Knight of the Order of the Legion of Honour in France.

Marina Venâncio

Junior Deputy Chair of the IUCN WCEL CCSG

Marina Venâncio is a lawyer and Ph.D. candidate in Ecological Law and Human Rights at the Federal University of Santa Catarina (UFSC, acronym in Portuguese). Her doctoral research is focused on the intersection between environmental protection and the human right to food and other topics such as climate change, rural development, biodiversity protection, and ecological law.

Marina has over six years of experience in working with intergovernmental and civil society organizations. She is the Junior Deputy Chair of the IUCN World Commission on Environmental Law Climate Change Specialist Group and is currently working as an environmental law specialist at the UN Environment Programme (UNEP).

James Cameron

James Cameron is an international lawyer, policy adviser and entrepreneur. He is a partner in a new enterprise called Systemiq, offering a service to create system level changes through mobilising capital and talent, and he is the first Executive Fellow at Yale. He has founded, and been on the founding Boards of numerous organisations designed to use international law to protect the environment and achieve sustainable development. He was also formerly a member of the Prime Minister's Business Advisory Group, and Infrastructure UK's advisory board.

Denise Antolini

Denise Antolini is a Professor of Law and served as the Associate Dean for Academic Affairs from August 2011 to December 2019. She is on sabbatical the Spring 2020 Semester. She joined the Law School faculty in 1996 and directed the nationally recognized Environmental Law Program for several years. Since 2006, she has spearheaded the Law School Building Excellence Project that led to completion of the construction project for the \$9.3 million Clinical Building in 2019.

She served as a State Water Commissioner and on the Nominating Committee, the inaugural Chair of the Honolulu City Council's Clean Water and Natural Lands Commission, Chair of the State Environmental Council, and Chair of the Hawai'i State Bar Association's Natural Resources Section. Her courses have included torts, environmental law, environmental litigation, domestic ocean and coastal law, IUCN motions seminars, and legal writing.

She received the 2006 University of Hawai'i Board of Regents' Excellence in Teaching Medal. She served as Chair of the American Association of Law School's Environmental Law Section and, from 2005 until 2008, was on the ABA's Standing Committee on Environmental Law. Dean Antolini was selected by Hawai'i Women Lawyers as the 2002 recipient of the Distinguished Community Service Award. In 2003-2004, she served as the Fulbright Distinguished Chair in Environmental Studies at the Politecnico in Torino, Italy.

In 2016, she was appointed as Deputy Chair of the World Commission on Environmental Law (WCEL) of the International Union for the Conservation of Nature (IUCN). She was elected to the inaugural Executive Committee of the IUCN U.S. National Committee in 2017 and co-coordinates the Hawai'i Hui of IUCN members. She was appointed as the Elections Officer for the IUCN World Conservation Congress in Marseille, France (June 2020).

Dean Antolini graduated from Harbor High School in Santa Cruz, California in 1978; Princeton University in 1982; obtained a Masters in Public Policy at UC Berkeley (1985) and concurrently a J.D. from Boalt Hall School of Law, UC Berkeley in 1986, where she was editor-in-chief of Ecology Law Quarterly. After a two-year federal district court clerkship in Washington, D.C., she spent eight years practicing public interest law with the Sierra Club Legal Defense Fund (now Earthjustice) in Seattle and Honolulu, serving as Managing Attorney of the Honolulu office from 1994 until 1996. Dean Antolini litigated several major citizen suit environmental cases involving coastal pollution, water rights, endangered species, environmental impact statements, and Native Hawaiian rights.

Dean Antolini lives on O'ahu's rural North Shore in the ahupua'a of Pūpūkea. She is a founding and current member of the North Shore Community Land Trust (advisory board), Save Waimea Valley Coalition, Mālama Pūpūkea-Waimea (President, 2005-present), and the Save Sharks Cove Alliance.

WCPA Steering Committee 2021-2025

Nominations for Steering Committee Members

1. Deputy Chair

Andrew Rhodes Espinoza, Mexico

Andrew John Rhodes Espinoza has more than 16 years of work experience working for the conservation, use and sustainable use of the natural heritage of Mexico, he has a deep knowledge of the socio-environmental challenges of Mexico, environmental public policy, a solid technical - administrative experience, a wide network of national and international contacts and a great passion for Mexico, its culture and biodiversity.

He currently works as Special Envoy for Oceans, attached to the Undersecretariat for Multilateral Affairs and Human Rights of the Ministry of Foreign Relations of Mexico and serves as Sous Sherpa for the High Level Panel for a Sustainable Ocean Economy. Prior to this assignment, he held executive positions in the National Commission for Protected Natural Areas (CONANP); as National Commissioner (head of agency), General Director of Institutional Development and Promotion and Director of Climate Change Strategies.

Additionally, he served as General Director of the Pronatura System as well as Central Coordinator of the Fund for Protected Natural Areas in the Mexican Fund for the Conservation of Nature AC (FMCN). Finally, Andrew Rhodes is the focal point for Mexico of the World Commission on Natural Protected Areas of the International Union for Conservation of Nature (IUCN).

2. Communications

Dr. Olivier Chassot, Costa Rica

Dr. Olivier Chassot is the Program Director of Regenerate Costa Rica at the University for International Cooperation (UCI). He is also currently Deputy-Vice-Chair of the Connectivity Conservation Specialist Group of the World Commission on Protected Areas (WCPA-IUCN), Vice-Chair for Mesoamerica at the Transboundary Specialist Group of the WCPA. In his career, Olivier Chassot has been Chief Operating Officer at Shellcatch Inc. (2018-2019), Executive Director and CEO of MigraMar (2017-2018), Executive Director of the Tropical Science Center (Costa Rica, 2012-2014), Director of Science at the Tropical Science Center, Dean of Environment and Sustainable Development & Director of the Latin American School for Protected Areas (ELAP) at UCI. He was also President of the Latin American and Caribbean Section of the Society for Conservation Biology (SCB). Olivier Chassot has a Bachelor in Arts (Université de Lausanne), a Masters in Project Management (UCI), and a Ph.D in Natural Sciences for Sustainable Development (Universidad Nacional de Costa Rica / Instituto Tecnológico de Costa Rica / Universidad Nacional Autónoma de México).

Over almost two decades, Olivier Chassot has developed an extensive knowledge in sustainability topics along with a wide experience in designing, fundraising and implementing conservation biology programs, project planning, implementation and monitoring, leadership of inter-institutional alliances at the national, bi-national, regional and international level. His areas of expertise include biodiversity, landscape issues, connectivity conservation, transboundary conservation, protected and conserved areas, sustainable development, wildlife, governance and ecosystem conservation.

Olivier Chassot has authored or co-authored 134 publications, organized or co-organized more than 100 national, regional or global events, and presented over 180 papers at international conferences and workshops. Olivier is a passionate conservation practitioner compromised with high standards of excellence, and a team player able to build strong intercultural relationships. Olivier is fluent in French, English, Spanish, Portuguese, with limited working proficiency in German and Indonesian, and is currently learning Mandarin and Arabic.



**CEESP Steering Committee
2021-2025
For Approval by Council**



Ameyali Ramos (Mexico), Deputy Chair, CEESP

Ameyali Ramos has been working on social and environmental governance, international policy and human rights issues for over 20 years. Ameyali supports Indigenous peoples and local communities in their advocacy for self-determination, rights and opportunities in international and national policy spaces, including the Convention on Biological Diversity, IUCN, and UNFCCC. Ameyali's background in environmental policy (PhD and MSc University of Oxford) and environmental and social governance (BA from University of British Columbia) support her work in influencing global conservation priorities and policies to promote human and environmental well-being. Ameyali is currently Deputy Chair of the IUCN Commission on Environmental, Economic and Social Policy (CEESP), International Policy Coordinator for the ICCA Consortium, and Senior Advisor for the International Savanna Fire Management Initiative (ISFMI). Ameyali is committed to supporting efforts to promote transformative and tangible socio-environmental change grounded in human rights based approaches.



Elise Huffer (Fiji), Regional Vice Chair, Oceania

Elise works as a culture, heritage and development consultant in Fiji and the Pacific Islands. She was formerly the Culture Adviser at the Pacific Community (SPC), for a period of 10 years (2008-2017) providing technical advice on cultural policy, cultural industries and heritage to 22 Pacific Island countries. Prior to joining SPC, Elise was Associate Professor at the University of the South Pacific (USP - a regional university with 12 member States) where she designed and taught the Pacific Studies graduate programme. She is an Adjunct Associate Professor at the Oceania Centre for Arts, Culture and Pacific Studies at the USP and the Vice-Chair Oceania of the IUCN Commission on Environmental, Economic and Social Policy. She is a Fiji citizen and has been living in the Pacific Islands region for 35 years.



Michael Painter (USA), Regional Vice Chair, North America

Michael Painter is an ecological anthropologist, with a Ph.D. from the University of Florida. His long-term research interests have focused on the social and economic factors that shape how people use land and natural resources. After completing his Ph.D., Michael worked at the Institute for Development Anthropology, a private, non-profit research and education institute dedicated to integrating social science perspectives into conservation and development initiatives. He was also a technical advisor to the Botswana Department of Wildlife and National Parks, where he led a team that monitored the impacts of Community-based Natural Resource Management (CBNRM). Michael has worked with the Wildlife Conservation Society (WCS) since 1997, except for a two-year period at the Gordon and Betty Moore Foundation, from 2015-2017. At WCS, Michael played diverse roles, including country director, first in Bolivia, then in Peru, and director of the Amazon program. Upon moving to the US, Michael worked as an associate director of the Latin America and Caribbean program, and director of what was then called the Conservation and Quality of Human Life initiative. In these roles, he focused helping WCS build effective conservation partnerships with Indigenous Peoples and local communities, and undertook several innovative initiatives with Indigenous organizations, supporting their efforts to strengthen their ability to engage more effectively with government agencies, donors, and private companies. He helped establish the Conservation Initiative on Human Rights (CIHR) and has represented WCS in CIHR. He was also part of the group that helped set up the WCS Institutional Review Board, a federally registered body responsible for reviewing human subjects research conducted by WCS, to ensure that the organization complies with all U.S. federal and international standards. In 2015, Michael joined the staff of Gordon and Betty Moore Foundation, where he was a Program Officer in the Andes Amazon Initiative (AAI), of the Environmental Conservation Program. In this role, he worked with grantees to develop proposals and support the monitoring and implementation of the resulting activities. He also assisted in preparing proposals to the Moore board that secured additional funding for AAI to support the consolidation of protected areas and indigenous lands, and address threats posed by poorly planned and implemented large-scale infrastructure. In 2017, Michael returned to WCS as a senior technical advisor. He serves as a member of WCS's Social Safeguards Management Team and chairs the WCS Institutional Review Board, Michael also provides support to field programs on issues related to human livelihoods and governance.



Maria Morenos de Rios (Ecuador/Spain) , Regional Vice Chair, Meso & South America

María Moreno de los Ríos is a Spanish-Ecuadorian environmental biologist with more than 15 years of experience in international development work, with emphasis on socio-environmental

and gender issues. She has worked with multi- and bilateral agencies (UNDP, AECID) and leading NGOs in South America. Actually, she is Senior Programme Manager for the LAC Hub in Hivos. Between 2017-2021, María was the Regional Governance and Equity Programme Officer in IUCN-SUR and focal point for the CEESP. She led the Amazon Green List project, where the NRGF was implemented for the first time in LAC and provided close support to the dissemination of the Gender-based violence and environment linkages initiative.

María has been a volunteer in various organizations and networks since she was 14 years old, highlighting the support to the Science Panel for the Amazon, the Core Group of the Network of Women in Conservation of Latin America and the Caribbean, member of the Steering Committee of the Leadership Program for Women in Conservation of Colorado State University, and member of the LAC Women Major Group, among others. María has master's degrees in Ibero-American International Relations and in International Development Cooperation (UPV-HEGOA Institute)



Ritu Dhingra (India), Regional Vice Chair, East and Southern Asia

Ritu Dhingra has over three decades of experience in researches related to environmental law, botany, biodiversity, forests, sustainable development, Indian traditions and environmental conservation. She holds a lawyer license from Bar Council of Delhi. She has written three books as a trilogy on environmental jurisprudence, floral biodiversity and Indian traditions and environmental conservation consecutively. She has authored many papers on environmental law, ecofeminism, forest conservation, smart cities, sustainable development, climate change, climate refugees, environmental defenders, loss of biodiversity, traditional knowledge systems, conservation of biodiversity, green energy, customary laws and environmental conservation, Ritu holds a PHD in Environmental laws from The NorthCap University Gurugram, Haryana, India with topic Sustainable Development and Laws Relating to Bio-Diversity and Forest Conservation: An Analytical Study in Indian Perspective. She also has a Bachelor honours degree in botany from University of Delhi, India, Bachelor's degree in law from university of Delhi, India, Master's degree in law from Kurukshetra University, India, Master's degree in sociology from Meerut University, Meerut, India, Post Graduate diploma in Environmental Law and Policy from National Law University Delhi and WWF Delhi, Post Graduate diploma in Ecology and Environment from IIEE Delhi. She has a certificate in Spanish language from Cervantes, Delhi. She had been a practicing lawyer in the High Court of Delhi and Supreme Court of India. She is an environmental law and policy consultant at a legal firm in Delhi. She has drafted and taught courses on law at few universities in Delhi NCR region. She is also the founder of Envirodelhi an environmental conservation establishment dedicated to promote sustainable living by promoting innovative ideas. She is a member of IUCN five commissions IUCN World Commission on Environmental law (WCEL), Commission on Environmental, Economic and Social Policy (CEESP), Commission on Education and Communication (CEC), World

Commission on Protected Areas (WCPA), Commission on Ecosystem Management (CEM). She is also a member of European Environmental Law Forum (EELF).



Luc Bas, (Belgium), Regional Vice Chair, Europe

Luc is the Head of Coordination and Strategy at the European Environment Agency. Until June 2021 he was the European Regional Director for the International Union for the Conservation of Nature (IUCN) managing the largest membership-region of IUCN with over 360 governments and ngo's . He was also representing the Union towards the EU institutions, managing the Brussels Office of 15 Staff and providing leadership to the EU Policy Interventions of IUCN. The Brussels office is also responsible for the Development and implementation of the wider European Program which includes leading work on Nature-based-Solutions and uptake in EU programs and policy, providing IUCN knowledge support including Red List of Species and Green List of Protected Areas. Under his leadership IUCN has also become a key bridge builder between environment and farmers and foresters organisations.

Early in his career, Luc has worked as an Adviser on international sustainable development policies in both the Belgium Federal and Flemish Governments and represented the Government at the UN Commission on Sustainable Development, the OECD national SD experts panel, the Belgium Federal Council, and at various interregional networks on sustainable development.



Galeo Saintz, South Africa, Chair, Theme on Environmental Peacebuilding

Galeo is an independent conservation, trails and nature-peace advisor. He is founder/co-founder of multiple conservation and trails related initiatives in his home country of South Africa, and Founding Chair of the World Trails Network based in Switzerland, and human-wildlife conflict initiative, the Wild Peace Alliance.

Galeo has orchestrated numerous conservation related expeditions to raise awareness for human-wildlife conflict issues relating to rhino and wolves amongst others. His experience in media includes co-producing the documentary film “Wolf OR-7 Expedition” and overseeing communication channels for multiple NGOs he has helped found. He has coordinated multicounty conferences for trails and consulted in the development of trail standards for Nepal, and shaped the strategic vision for Green Flag Trails International.

His research interest includes the confluence point between nature, peace and economics, conservation funding mechanisms, the confluence between trails and conservation, and

trails and technology. He is actively pursuing the development of an international Nature Peace Index. Galeo gives regular public talks and presentations at international congresses. He holds an MSc from Schumacher College, UK.



Jennifer (Jing) Tauli Corpuz (Philippines), Chair, Indigenous People & Environment

Jennifer Tauli Corpuz, from the Kankana-ey Igorot People of Mountain Province in the Philippines, and a lawyer by profession, is the Global Policy and Advocacy Lead for Nia Tero. She is the former coordinator of the Indigenous Peoples’ Rights and Policy Advocacy Program of Tebtebba – Indigenous Peoples’ International Center for Policy Research and Education. She is passionate about developing capacities of the next generation of Indigenous leaders. Jennifer graduated from the UP College of Law and obtained her Master of Laws (LL.M.) from the Indigenous Peoples’ Law and Policy (IPLP) Program of The University of Arizona at Tucson, Arizona. She was the 2012 Indigenous Intellectual Property Fellow at the World Intellectual Property Organization (WIPO), and since then has been an active participant in the WIPO IGC negotiations on the protection of traditional knowledge. She was involved as negotiator and expert for the International Indigenous Forum on Biodiversity (IIFB), representing indigenous peoples, at the negotiations leading to the adoption of the Nagoya Protocol on Access and Benefit-Sharing under the Convention on Biological Diversity (CBD).



Melanie Zurba (Canada), Chair, Theme on Governance, Equity and Rights

Professor Zurba’s (she/her) work focuses on projects that are developed and implemented in collaboration with communities. Professor Zurba has worked collaboratively with Indigenous communities in Canada and abroad on projects focusing on co-management of species and protected areas, shared forest tenure agreements, Clean Environment Commission hearings for water regulation, land use and occupancy mapping studies, food sovereignty, health promotion and wellbeing, and land-based learning and curriculum development. Her work has also contributed to public discussion on what “reconciliation” means in Canada through her work on learning and relationship building through the shared-governance of land. Professor Zurba is also interested in how global policy frameworks affect community participation in the day-to-day management of the environment.



Neil Dawson (UK)Theme on Human Wellbeing & Sustainable Livelihoods

Neil Dawson (Scotland, UK) was a Steering Committee member (2016-2021) for the [IUCN Commission on Environmental, Economic and Social Policy \(CEESP\)](#), for which he chairs the theme on Human Wellbeing and Sustainable Livelihoods. Neil is a [research fellow](#) with [The Global Environmental Justice Group](#) at the University of East Anglia (UEA) in the UK and the European School of Political and Social Sciences (ESPOL) in Lille, France. His research uses mixed-method approaches to explore wellbeing and environmental justice among rural populations, particularly poor and marginalised social and ethnic groups, in sub-Saharan Africa, Asia and South America. Recently Neil’s work has explored the complexity and potential contribution of Indigenous and local communities’ knowledge systems to the governance of biodiversity conservation, climate change, agriculture and sustainable development. Neil gained a PhD from the School of International Development at UEA in 2013, but before working on the social and political dimensions of conservation held several jobs as an ecologist and nature reserve warden, so has now spent 20 years working in conservation in various roles.



Jacob Park (USA), Theme on Economics and Regenerative Finance

Dr. Park is Associate Professor in Castleton University’s College of Business who specializes in the social and environmental dimensions of innovation, entrepreneurship, and international business, with special expertise/interests in emerging economies in Asia-Pacific, Africa, and Caribbean regions. He serves as the Associate Editor at the Journal of Social Entrepreneurship and on the editorial boards of Business Strategy and the Environment journal and Emerald Emerging Market Case Studies. His co-edited book, *Entrepreneurial, Innovative and Sustainable Ecosystems*, was published by Springer in 2018, while the *Crisis of Global Environmental Governance: Towards a New Political Economy of Sustainability* was published in 2008 by Routledge and *Ecology of the New Economy: Sustainable Transformation of Global Information. Technology, Communication, and Electronics Industries* was published in 2002 by Routledge/Greenleaf Publishing.



Emmanuel Nuesiri, (Cameroon), Natural Resource Governance Framework

Dr. Emmanuel Nuesiri, is an Associate Lecturer at the African Leadership University (ALU) Mauritius. He holds a bachelors' degree in Environmental Science from the University of Buea, Cameroon; masters in Environment and Development from the University of Cambridge, and a doctorate in Environmental Governance from the University of Oxford. He has teaching and field research experience from Africa, Europe, and the United States. He has been a resource person and consultant for a number of environmental organizations including Fauna and Flora International (FFI), Luc Hoffmann Institute, International Union for the Conservation of Nature (IUCN), UN Economic Commission for Africa (UNECA), UN Food and Agricultural Organization (FAO), and the UN Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). He has also been a member of IUCN CEESP since 2013, and a member of the NRGF working group since 2015 contributing to the production of the NRGF conceptual papers, the NRGF strategic plans 2016-2020 and 2021-2024, the NRGF-ROAM correspondence analysis, and taking the lead in the design and establishment of the NRGF community of practice, while contributing to the design of the TGER Governance Learning Network and Platform.

Pending Appointment for Africa, West Asia , and Youth as they are currently under discussion with candidates.

Liette Vasseur- Deputy Chair and Vice President for NA
Canada.

BA. Biology and Ecology. Msc Biology. PHD in Biology
Full Professor- Department of Biological Sciences. Brock University, Canada.
More than 30 years of experience in research in Biology and Ecology, and Member of
the women and gender studies program and Environmental Sustainability Research
Centre.



Doris Mutta

Kenya- Vice President for Africa

B.Sc. Forestry. Msc in Botany. PhD in Environmental Studies.
Senior Programme Officer. ICRAF- African Forest Forum, Nairobi- Kenya.
32 years of experience in Forestry Management, Research and Training, focused on
sustainable management, use and conservation of forests and tree resources of Africa.



Jonathan Hughes

UK- Vice President for Europe

BA in Geography and Biology and Msc in Ecology.

Chief Executive officer of WCMC at the United Nations Environment Programme World Conservation Monitoring Centre, Cambridge UK.



Bernal Herrera Fernandez

Costa Rica- Vice President for Meso and South America

Forester. Msc. Management, Silviculture and Tropical Forest Management. PhD in Forestry and Environmental Sciences.

Profesor adjunto. Instituto Internacional para el Manejo y Conservación de la Vida Silvestre, Universidad Nacional de Costa Rica.

Asesor Internacional en temas de Biodiversidad y Cambio Climático



Madhav Karki

Nepal- Vice President for Asia

B.A in Agriculture, Msc Natural Resource Management. PHD in Forestry.
Executive Director, Centre for Green Economy Development, Nepal (CGED-Nepal),
Over 40 years of professional experiences in Natural Resources Management, Climate Change, and Sustainable Development in the Himalayan and Southeast Asian countries.

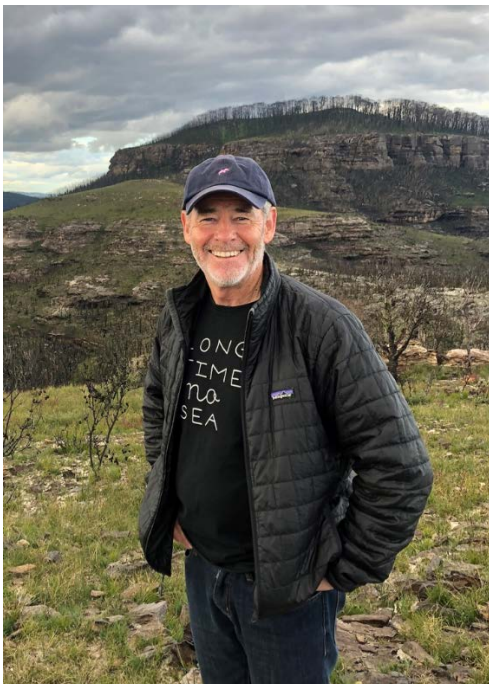


Peter Smith

Australia- Vice President for Oceania.

PhD in Biological Sciences.

Independent Consultant in Ecology and Climate Change. Over 20 years of experience in Climate Change Adaptation and Ecosystem Management.



LIETTE VASSEUR

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I. EDUCATION

Queen's University	Ph.D. Biology, 1991
Université du Québec à Montréal	M.Sc. Biology, 1987
Université de Sherbrooke	B.Sc. Biology-Ecology, 1985

Additional Training

pcARC/INFO certificate (geographic information system). February 1995

II. ACADEMIC DISTINCTIONS AND AWARDS

- Brock University Distinguished Research and Creative Activity Award, October 12, 2018.
- Nominated for the Michael Pyley Graduate Mentorship Award, Brock University, April 2017 and 2018.
- UNESCO Chair - Community sustainability: from local to global. Submitted April 15, 2013 (MOU, signed April 19, 2014; renewed February 2018).
- Minjian Scholar, Fujian Agricultural and Forestry University, Fuzhou, Fujian Province, China. January 1st, 2011 (tenure 3 years), Renewed March 2014 (for 3 years).
- Volunteer Recognition – Southern Gulf of St-Lawrence Coalition on Sustainability. June 15, 2012, Shippagan, NB.
- Recipient of the Latornell Pioneers Award, Ontario Conservation. November 2011.
- The Patricia Roberts-Pichette Award (Ecological Monitoring and Assessment Network of Environment Canada; “presented to those who have demonstrated enthusiastic leadership and commitment to advancing ecological monitoring and research in Canada). January 2000.
- First Aid/CPR, Saint Mary's University. 1995- Renewed June 1997 and 1999.
- Prize of Excellence in Research, Fondation Estrienne en Environnement, Projet STOPER (as a research member). October 1996.
- NSERC Postdoctoral Fellowship. January 1992 - December 1993.
- FCAR (Fonds pour la formation de chercheurs et l'aide à la recherche du Québec) Postdoctoral Fellowship. Declined because of NSERC.
- Queen's University Awards for Ph.D. students. Fall 1990
- Certification (Workplace Hazardous Materials Information System). Winter 1990, Renewed February 2007.
- NSERC Studentship for Ph.D. 1987-1990
- NSERC Studentship for M.Sc. 1985-1987
- ADBUS (Association des Diplômées en Biologie de l'Université de Sherbrooke) Excellence Award, May 1985
- NSERC Summer Studentship. Summer 1984.

III. ACADEMIC POSITIONS

1. Full-time positions

- Full professor, Depart. Biological Sciences and member of the Women and Gender Studies Program and the Environmental Sustainability Research Centre, Brock University, St Catharines. January 2009—

- Vice President, Research. Brock University, St Catharines. January 2009-February 2010 (stepped down to return to research).
- Associate Vice-President, Research, Full professor in Biology Department, Laurentian University, Sudbury, ON. September 2004-December 2008.
- K.C. Irving Research Chair in Sustainable Development, Université de Moncton, Moncton, NB. August 2001 –August 2004.
- Full professor, Department of Biology, Université de Moncton, Moncton, NB. August 2001-2004
- Associate professor (cross-appointment Biology and Environmental Studies) Department of Biology, Saint-Mary's University, Halifax, NS. September 1998 – July 2001.
- Assistant professor (cross-appointment Biology and Environmental Studies) Department of Biology, Saint-Mary's University, Halifax, NS. September 1995 – September 1998.

2. Special appointments

- Adjunct professor, Faculty of science, Department of Biology, Wilfrid Laurier University. 2016--
- Adjunct professor, Faculty of Environmental Studies, University of Waterloo. 2014--
- Adjunct professor, Département de développement régional et territorial, Université du Québec à Rimouski. November 2013-November 2018.
- Adjunct professor, Department of Biology, Biology Department, Laurentian University, Sudbury, ON. March 2009 – November 2012
- Adjunct professor, Department of Biology, Fujian University of Forestry and Agriculture, China. May 2006—present
- Adjunct professor, Department of Biology, Université de Moncton. September 2004—June 2007.
- Adjunct professor in the School for Resource and Environmental Studies, Dalhousie University, Halifax, NS. July 1, 2002 – June 30, 2012.
- Adjunct professor, Department of Biology, Saint Mary's University, Halifax, NS, Canada. August 2001 – August 2004.
- Adjunct professor, Department of Biology, Laurentian University, ON, Canada. December 1998 – December 2002.
- Co-ordinator of the Environmental Studies Program, Saint Mary's University, Halifax, NS, May 1999 – July 2001.
- Honorary Adjunct professor, School of Research and Environmental Studies (SRES) and Department of Biology, Dalhousie University, Halifax, NS. August 1997 – June 30, 2007.
- Research associate for the STOPER project, a research program funded by the Tri-Council and Canada's Green Plan of Environment Canada. Collaborator: Dr. Colette Anseau (Université de Sherbrooke). November 1993-August 1995.
- NSERC postdoctoral fellow. Collaborator: Dr. Catherine Potvin (McGill University). January 1991 - November 1993.
- Postdoctoral work. Collaborator: Dr. Lonnie W. Aarssen (Queen's University). July - December 1991.
- NSERC Summer scholar (USRA). Supervisor: Dr. Gaston Beaumont (Université de Sherbrooke). May - August 1984.

IV. SCHOLARLY ACTIVITIES

1. Research papers published in refereed journals

a) Published, in press or accepted

1. Gauthier, S., B. May and L. Vasseur. Ecosystem-based Adaptation to Protect Avian Species in Coastal Communities in the Greater Niagara Region, Canada. *Climate* 9, 91. <https://doi.org/10.3390/cli9060091>.
2. Zhang, X., S. Chen, L. Shi, D. Gong, S. Zhang, D. Zhan, L. Vasseur, Y. Wang, J. Yu, X. Xu, R. Qi, W. Wang, Y. Ma, P. Wang, N. Ye, D. Ma, Q. Zhao, X. Ma, X. Kong, J. Lin, L. Wei, Y. Ma, R. Li, G. Hu, H. He, L. Zhang, H. Wang, R. Ming, H. Tang and M. You. Haplotype-resolved genome assembly provides

- insights into evolutionary history of the tea plant *Camellia sinensis*. *Nature Genetics* <https://doi.org/10.1038/s41588-021-00895-y>.
3. Caspell, M. and L. Vasseur. 2021. Evaluating and visualizing drivers of coastline change: A Lake Ontario case study. *ISPRS International Journal of Geo-Information*. Special issue Geomatic Applications to Coastal Research. 10, 375. <https://doi.org/10.3390/ijgi10060375>
 4. Izurieta, G, A. Torres, J. Patiño, C. Vasco, L. Vasseur, H. Reyes and B. Torres. 2021. Exploring community and key stakeholders' perception of scientific tourism as a strategy to achieve SDGs in the Ecuadorian Amazon. *Tourism Management Perspectives* 39: 100830. <https://doi.org/10.1016/j.tmp.2021.100830>
 5. Vasseur, L. 2021. How Ecosystem-Based Adaptation to Climate Change Can Help Coastal Communities through a Participatory Approach. *Sustainability* 13, 2344. <https://doi.org/10.3390/su13042344>.
 6. Shi, L., H. He, G. Yang, H. Huang, L. Vasseur* and M. You*. 2021. Are yellow sticky cards and light traps effective on tea green leafhoppers and their predators in Chinese tea plantations? *Insects* 12, 14. <https://doi.org/10.3390/insects12010014>
 7. DeCock-Caspell, M. and L. Vasseur. 2021. Responding to natural disasters with disaster risk reduction and management. *Facets* 6: 240–251. DOI: 10.1139/facets-2020-0032 (featured article).
 8. Vasseur, L. 2020. Enjeux d'éducation aux changements climatiques auprès des communautés. *Éducation relative à l'environnement: Regards, recherches, réflexions* 15:2. DOI : 10.4000/ere.5908
 9. Baker, J., D. Dupont and L. Vasseur. 2021. Exploring Canadian Ramsar sites Ecosystem and Sustainability. *Wetlands* 41: article 6. <https://doi.org/10.1007/s13157-021-01417-6>
 10. Yang, F., H. Sohaib, A. Saqib, J. Chen; Q. Ruan, L. Vasseur, W. He and M. You. 2020. DNA sequencing and metabolic profiling reveal the roles of gut microbiota and metabolites in *Plutella xylostella* host adaptation. *International Journal of Molecular Sciences* 21, 6283; doi:10.3390/ijms21176283
 11. Chen W., L. Vasseur, S. Zhang, H. Zhang, J. Mao, T. Liu, X. Zhou, X. Wang, M. You and G.M. Gurr. 2020. Mechanism and consequences for avoidance of superparasitism in the solitary parasitoid *Cotesia vestalis*. *Scientific Reports* 10:11463. <https://doi.org/10.1038/s41598-020-67050-1>
 12. Andrade, A., C. Zambrana-Torrel, L. Vasseur, C. Nelson, S. Carver and I. Convery. 2020. Rewilding for Human Health: Exploring the connections between zoonotic diseases, human health and well-being, ecosystem degradation and biodiversity loss. *Ecologist – News*. <https://theecologist.org/2020/jul/03/rewilding-human-health>
 13. Liu, Z., S. Fu, X. Ma, S.W. Baxter, L. Vasseur, L. Xiong, Y. Huang, G. Yang, S. You and M. You. 2020. Novel mechanism of resistance to *Bacillus thuringiensis* toxin Cry1Ac in *Plutella xylostella* involving two ATP-binding cassette transporter genes. *Plos Pathogens* 16(8): e1008697. <https://doi.org/10.1371/journal.ppat.1008697>
 14. Zou, M., Q. Wang, L. Chu, L. Vasseur, Y. Zhai, Y. Qin, W. He, Y. Gang, Y. Zhou, L. Peng and M. You. 2020. CRISPR/Cas9-induced vitellogenin knockout lead to incomplete embryonic development in *Plutella xylostella*. *Insect Biochemistry and Molecular Biology* 123 (August 2020): 10340.
 15. Brown, L. and L. Vasseur. 2020. An analysis of aquatic invasive species management in the Niagara region of Ontario, Canada: Establishment of a database to improve knowledge sharing. *Management of Biological Invasions* 11(3): 588-606.
 16. VanVolkenburg, H, F. Guinel and L. Vasseur. 2020. Impacts of smooth pigweed (*Amaranthus hybridus*) on cover crops in Southern Ontario. *Agronomy* 10: 529. doi:10.3390/agronomy10040529
 17. You*, M., F. Ke, S. You, Z. Wu, Q. Liu, W. He, L. Vasseur*, G.M. Gurr*, S.W. Baxter, H. Cerda, G. Yang, L. Peng, M. Xie, L. Cai, C.J. Douglas, M.B. Isman, M.S. Goettel, Q. Song, Q. Fan, G. Wang-Pruski, D.C. Lees, Y. Jin, Z. Yue*, J. Bai, T. Liu, Y. Zheng, Z. Zeng, S. Lin, Y. Wang, Q. Zhao, X. Xia, W. Chen, L. Chen, M. Zou, J. Liao, Q. Gao, X. Fang, Y. Yin, H. Yang, J. Wang, L. Han, Y. Lu and M. Zhuang (* corresponding authors). 2020. Variation among 532 genomes unveils the origin and evolutionary history of a global herbivore. *Nature Communications* <https://doi.org/10.1038/s41467-020-16178-9>
 18. He, H., L. Shi, G. Yang, M. You and L. Vasseur. 2020. Ecological Risk Assessment of Soil Heavy Metals and Pesticide Residues in Tea Plantations. *Agriculture* 10, 47; doi:10.3390/agriculture10020047.
 19. Chen, W., Y. Dong, H.S.A. Saqib, L. Vasseur, W. Zhou, L. Zheng, Y. Lai, X. Ma, L. Lin, X. Xu, W. He and M. You. 2020. Functional analysis of duplicated glucosinolate sulfatases in the development and host

- adaptation of *Plutella xylostella* based on a CRISPR/Cas9 system. *Insect Biochemistry and Molecular Biology* 119: 103316. <https://doi.org/10.1016/j.ibmb.2020.103316>
20. Peng, L., Q. Wang, M. Zou, Z. Liu, Y. Qin, L. Vasseur, L. Chu, Y. Zhai, W. He, G. Yang and M. You. 2020. CRISPR/Cas9-mediated vitellogenin receptor knockout reveals its reproductive functions in *Plutella xylostella*. *Frontiers Physiology* 10:1585. doi: 10.3389/fphys.2019.01585
 21. Hameed, S.M., X. Jing, W. Chen, J. Chen, L. Vasseur, G. Wang-Pruski and G. Yang. 2019. Function and characterization of the Argonaute2 gene in the RNA interference pathway in the diamondback moth. *Arch Biochem Mol Biol* 2019; 10 (4): 035-051.
 22. Zhang, L., X. Jing, W. Chen, Y. Wang, J. Lin, L. Zheng, Y. Dong, L. Zhou, F. Li, F. Yang, L. Peng, L. Vasseur, W. He and M. You. 2019. Host plant-derived miRNAs potentially modulate the development of a cosmopolitan insect pest, *Plutella xylostella*. *Biomolecules* 9, 602; doi:10.3390/biom9100602.
 23. Daigle, C. and L. Vasseur. 2019. Is It Time to Shift Our Environmental Thinking? A Perspective on Barriers and Opportunities to Change. *Sustainability* 11, 5010. Doi:10.3390/su11185010.
 24. Peng, L., L. Wang, M. Zou, L. Vasseur, Q. Wang, L. Chu, Y. Qin, Y. Zhai and M. You. 2019. Identification of Halloween genes in *Plutella xylostella* and their functional analysis using RNA interference. *Frontiers Physiology* 10, 1120. Doi: 10.3389/fphys.2019.01120
 25. Zhang, L., X. Jing, W. Chen, J. Bai, L. Vasseur, W. He, M. You. 2019. Selection of reference genes for expression analysis of plant-derived microRNAs in *Plutella xylostella* using qRT-PCR and ddPCR. *PlosOne* 14(8): e0220475. <https://doi.org/10.1371/journal.pone.0220475>.
 26. Ke, F., S. You, S. Huang, W. Chen, T. Liu, W. He, D. Xie, Q. Li, X. Lin, L. Vasseur, G.M. Gurr, and M. You. 2019. Herbivore range expansion triggers adaptation in a newly-associated third trophic level species and shared microbial symbionts. *Scientific Reports* 9:10314 10.1038/s41598-019-46742-3.
 27. Chen, W., W. He, Y. Dong, L. Lin, X. Ma, H.S.A. Saqib, X. Xu, L. Zhang, X. Jing, L. Peng, Y. Wang, L. Vasseur, W. He and M. You. 2019. Implication for DNA methylation involved in the host transfer of diamondback moth, *Plutella xylostella* (L.). *Archives of Insect Biochemistry and Physiology*. e21600: 1-14. <https://doi.org/10.1002/arch.21600>
 28. Zhao, Q. W. Zhong, D. Ma, W. He, Y. Li, L. Vasseur and M. You. 2019. Genome-wide profiling of the alternative splicing provides insights into development and sex determination in *Plutella xylostella*. *BMC Genomics* 20:463. <https://doi.org/10.1186/s12864-019-5838-3>.
 29. Wyckhuys, K.A.G., G. Pozsgai, G.L. Lovei, L. Vasseur, G.M. Gurr, O.L. Reynolds and M. Goettel. 2019. Culturomics Global Disparity in Public Awareness of the Biological Control Potential of Invertebrates. *The Science of the Total Environment* 660: 799-806.
 30. Torres, B., L. Vasseur, R. López, P. Lozano, Y. García, Y. Arteaga, C. Bravo, C. Barba and Antón García. 2019. Structure and above ground biomass along an elevation gradient: a case study in an Evergreen Andean Amazon Forests of Napo, Ecuador. *Agroforestry Systems*. doi.org/10.1007/s10457-018-00342-8
 31. Wyckhuys, K.A.G., A.C. Hughes, C. Buamas, A.C. Johnson, L. Vasseur, L. Reymondin, J.P. Deguine, and D. Sheil. 2019. Biological control protects tropical forests. *Communications Biology* 2 : article 10 (2019).
 32. Plante, S. L. Vasseur and J. Santos-Silva. 2018. Adaptation des communautés côtières aux effets des changements climatiques sous l'angle de la résilience : lier la gouvernance locale au développement durable. *Vertigo* 18 (2) : URL : <http://journals.openedition.org/vertigo/22079> ; DOI : 10.4000/vertigo.22079
 33. Vasseur, L. 2018. Learning the role of biodiversity monitoring in a biosphere reserve. *International Journal of UNESCO Biosphere Reserves* 2 (1): 18-21.
 34. Hameed, M.S., Z. Wang, L. Vasseur and G. Yang. 2018. Molecular Cloning and functional analysis of Argonaute-3 in diamondback moth (*Plutella xylostella*). *International Journal of Molecular Sciences* 19: 1249; doi:10.3390/ijms19041249.
 35. Vasseur, L., R. Labbe and M. Goettel. 2018. Use of biological control against arthropod pests in Canadian greenhouse crop production. *Journal of Biosafety* 27: 1-15.
 36. You, Y., M. Xie, L. Vasseur and M. You. 2018. Selecting and Validating Reference Genes for Quantitative Real-time PCR in *Plutella xylostella* (L.). *Genome* 61: 349-358.

37. Xia, X., B. Sun, G. Gurr, L. Vasseur, M. Xue and M. You. 2018. Gut microbiota mediating insecticide resistance of *Plutella xylostella*. *Frontiers in Microbiology* 9: article 25. <https://doi.org/10.3389/fmicb.2018.00025>.
38. Lin, J., X. Xia, X. Yu, J. Shen, Y. Li, H. Lin, S. Tang, L. Vasseur and M. You. 2018. Gene expression profiling provides insights into the immune mechanism of *Plutella xylostella* midgut to microbial infection. *GENE* 647: 21-30.
39. Zhao, Q., D. Ma, Y. Huang, W. He, Y. Li, L. Vasseur and M. You. 2017. Genome-wide investigation of transcription factors provides insights into transcriptional regulation in *Plutella xylostella*. *Molecular Genetics and Genomics* 293(2), 435-449. doi.org/10.1007/s00438-017-1389-y
40. Wang, D., L. Li, L. Vasseur, Y. Li and G. Yang. 2017. De novo transcriptome sequencing of *Isaria cateniannulata* and comparative analysis of gene expression in response to heat and cold stresses. *PlosONE* 12 (10): e0186040. doi.org/10.1371/journal.pone.0186040
41. Peng, L., Y. Yang, M. Zou, L. Wang, W. He, Y. Wang, Q. Wang, L. Vasseur and M. You. 2017. Transcriptome profiling of the ovary reveals genes involved in oogenesis in the diamondback moth, *Plutella xylostella* (Lepidoptera: Plutellidae). *GENE* 637: 90-99.
42. Huang, Y., B. Zeng, Y. Wang, X. Xu, Q. Meng, Y-P. Huang, L. Vasseur and M. You. 2017. Functional characterization of Pol III U6 promoters for gene knockdown and knockout in *Plutella xylostella*. *Insect Biochemistry and Molecular Biology* 89:71-78.
43. Vasseur, L., M. Thornbush and S. Plante. 2017. Climatic and Environmental Changes Affecting Communities in Atlantic Canada. *Sustainability* 9, 1293; doi:10.3390/su9081293.
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48. Xia, X., D. Zheng, H. Zhong, B. Qin, G.M. Gurr, L. Vasseur, J. Lin, Y. Wang, F. Song, Y. Li, H. Lin and M. You. 2017. Metagenomic sequencing of diamondback moth gut microbiome unveils key holobiont adaptations for herbivory. *Frontiers in Microbiology* (26 April 2017) doi.org/10.3389/fmicb.2017.00663.
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3. Other publications

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4. Vasseur, L. 2003. Global warming. For the Encyclopedia of World Environmental History, Berkshire Publishing Group LLC, Great Barrington, MA 01230 U.S.A.
5. Vasseur, L. 2003. Commission for Environmental Cooperation of North America. Encyclopedia of World Environmental History, Berkshire Publishing Group LLC, Great Barrington, MA 01230 U.S.A.

b) Other peer refereed papers or book

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c) Contributions to peer-publications

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2. Potvin, C. et al. 2017. Stimulating a Canadian narrative for climate. *FACETS* 2: 131–149.
3. Cohen-Shacham, E., G. Walters, C. Janzen and S. Maginnis. 2016. Nature-based Solutions to address global societal challenges. Gland, Switzerland: IUCN. xiii + 97pp.

4. OECD. 2015. Stakeholder Engagement for Inclusive Water Governance. OECD Studies on Water, OECD Publishing, Paris. doi.org/10.1787/9789264231122-en

d) Non-refereed research papers

1. Vasseur, L. and G. Pickering. 2015. Feeding the social animal: how to engage Canadians in climate change mitigation. In Potvin, C. (Ed.). Acting on Climate Change: Extending the Dialogue Among Canadians: 163-170. (October 7, 2015)
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e) Editor

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5. Baztan, J., O. Chouinard, B. Jorgensen, P. Tett, J.-P. Vanderlinden and L. Vasseur (Eds., in alphabetical order). 2015. Coastal Zones: Solutions for the 21st century. Elsevier. 351 pp.
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11. Anseau, C., C. Cloutier and L. Vasseur (Eds.) 1996. Perspectives écosystémiques pour la gestion d'un résidu durable : Les boues d'épuration au Québec. Presses de l'Université de Sherbrooke.

f) Book and training manuals

1. Vasseur, L., M. Thornbush and S. Plante. 2018. Climate Change Adaptation to Coastal Storms in Atlantic Canada. SpringerBrief in Geography, Springer Nature, Cham, Switzerland. 91 pp.
2. Morris, S., A. Verville and L. Vasseur. 2014. Understanding social connections in communities: how to use social network analysis. Guidelines document. Community-University Research Alliance – Coastal Communities Challenges in face of climate change, 26 pp.
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g) Unrefereed books, book chapters or proceedings

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6. Pruneau, D., A. Doyon, J. Langis, L. Vasseur, E. Ouellet, G. Martin, E. McLaughlin and G. Boudreau. 2006. When students integrate environmental behaviours into their daily lives. *In* Filho, W. (ed.), Handbook of sustainability research.
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h) Public articles

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5. Blay-Palmer, A., S. Goupil, D. Van Nijnatten, E. Haine-Bennett, H. Friedmann, L. Vasseur, S. Dalby, P. Ballamingie, A. Di Battista, H. Reid, J. Wilkes, D. Zandvliet, H. Mcleod-Kilmurray and W. Roberts. 2020. DEEP DIVE: Infrastructure investments for a greener, more resilient and sustainable country: Ideas and considerations for Canadian decision-makers. iPolitics. <https://ipolitics.ca/2020/06/22/infrastructure-investments-for-a-greener-more-resilient-and-sustainable-country-ideas-and-considerations-for-canadian-decision-makers/>
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i) Contract reports

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2. Vasseur, L. 2003. Recovery Plan of *Hydrocotyle umbellata*: monitoring process 2004. Report in revision. 22 pp.
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12. Gagnon, D., A. Nault and L. Vasseur. 1990. La biologie des populations de l'ail des bois au Québec. Direction du patrimoine écologique, Min. de l'environnement du Québec. 87 pp. (*Ce rapport a été utilisé pour désigner l'ail des bois comme une espèce vulnérable sous la Loi des Espèces Rares au Québec*).

j) Commissioned papers

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4. Vasseur, L. and J. Baker. 2021. Prizes & Awards: closing the gender gap to ensure an equitable future for all academic talent. For the Canadian Commission for UNESCO. 29 pp.
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7. Vasseur, L. and H. VanVolkenburg. 2018. The non-linear paths of women in STEM: the barriers in the current system of professional training. Reflection paper commissioned by the Canadian Commission for UNESCO with the contribution of the NSERC Chairs on Women in Engineering and Science and the CCWESTT. May 2018.
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k) Governmental or organization research reports

1. Vasseur, L. and J. Baker. 2020. The Futures of Knowledge Mobilization: breaking down barriers to ensure productive exchanges across diverse audiences. *In*. Imagining the future of knowledge mobilisation: perspectives from UNESCO Chairs. Social Sciences and Humanities Research Council and Canadian Commission for UNESCO: 95-110
2. Maureen G. Reed, M.G., Robson, J.P., Lindgren, A., Friedrichsen, P., Brock, T., Davidson-Hunt, I., Lichtenstein, G., Shackleton, S., Vasseur, L., and Worthen, H. 2020. Foundational Principles for Intercultural and International Research with Indigenous and Rural Peoples: Connecting Principles to Knowledge Mobilization. *In*. Imagining the future of knowledge mobilisation: perspectives from UNESCO Chairs. Social Sciences and Humanities Research Council and Canadian Commission for UNESCO: 31-50.

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4. Vasseur, L. and H. VanVolkenburg. 2018. The Non-Linear Paths of Women in STEM: The Barriers in the Current System of Professional Training. IdeaLab, Canadian Commission for UNESCO.
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5. Vasseur, L. and H. VanVolkenburg. 2017. Sustaining growth for innovation: bringing women to the forefront. Canadian Coalition of Women in Engineering, Science, Trades and technology. Report of the 2016 Conference.
6. Vasseur, L. and C. Bryson. 2016. The use of Ecosystem-based Adaptation in Biosphere Reserves: A preliminary survey of five biosphere reserves. Report for the Commission for Ecosystem Management of the International Union for Conservation of Nature. 16 pp.
7. Chouinard, O., L. Vasseur, S. Weissenberger, T.R. Rabeniaina and M. Noblet. 2014. Transfert de connaissances et apprentissage mutuel entre la CAB et la CADK. Project # 130145 FFENB. Final report to New Brunswick Environmental Trust Fund, Ministry of Environment and Local Governments. 23 pp.
8. Chouinard, O., L. Vasseur, S. Weissenberger, T.R. Rabeniaina and M. Noblet. 2014. L'adaptation en zone côtière : de la parole aux actes. Ressources naturelles Canada Projet AP008. 38 pp.
9. Vasseur, L. and L. Léger. 2007. Promoting community sustainability through adaptive responses to socio-economic and risk assessments of the potential impacts of climate change scenarios in a natural resource-based, mid-sized Canadian Shield community: Greater Sudbury Ontario. Project #A1241. Final report to Natural Resources Canada. 45 pages.
10. Boates, J.S., Eaton, S.T., Elderkin, M.F., Bayne, D., Blaney, S., Burgess, C., Drysdale, C., Hill, N., Helmer, L., MacDonald, P., MacKinnon, D., Mills, J., Munro, M., Newell, R., Sam, D., Vasseur, L., and Wilson A. 2005. National recovery of the Atlantic Coastal Plain Flora, Volume 1: the multiple species recovery and conservation strategy and action plan. Available from the Department of Natural Resources, Kentville, Nova Scotia, Canada. (*alphabetical order except for the three first authors*)
11. Omer Chouinard, Michael Chadwick, Sue Nichols, Réal Daigle, Kathryn Parlee, Géraldine Arsenault, Liette Vasseur and Nadine for Southern Gulf of St. Lawrence Coalition on Sustainability. 2004. Climate change and coastal communities: Concerns and Challenges for today and beyond. C-CIARN, OMRN and New Brunswick Department of Environment. 82 pages.
12. Bertrand, A.-S. and L. Vasseur. 2004. Eastern Cougar sightings: myth or reality? Revisiting the issue. Progress Report 2004. Kouchibouguac National Park, N. B. Species at Risk program, Parks Canada.
13. Vasseur, L. 2004. Écologie et génétique de l'aster laurentienne (*Symphotrichum laurentianum*) : influence de son milieu su sa germination, survie et distribution. Kouchibouguac National Park, N. B. Species at Risk Program, Parks Canada.
14. Vasseur, L. 2004. Vegetation communities in PEI. Prince Edward Island National Park, Ecosystem Program.
15. Vasseur, L. 2002. Vegetation management plan for Kejimikujik National Park – Final report. Research report for Kejimikujik National Park. Parks Canada, NS.
16. Vasseur, L. 2003. Significant Species Assessment. Preliminary report submitted to Kejimikujik National Park Vegetation Communities Studies, NB.
17. Brunet, M. and L. Vasseur. 2002. Vegetation Inventory for Species at Risk at Fortress Beausejour. Preliminary report submitted to Kouchibouguac National Park of Canada, NB.
18. Vasseur, L., C. Drysdale, and K. Potter. 2002. National Recovery Plan of *Hydrocotyle umbellata* (water-pennywort) Volume II: Background and Recovery and Conservation Action Plan. Parks Canada and COSEWIC. Nova Scotia, Canada.
19. Vasseur, L. 2002. Conservation of *Hydrocotyle umbellata* (threatened) in Nova Scotia: population genetics and demography – influence of environmental conditions and Comparison of *Hydrocotyle umbellata* in Nova Scotia and the United States. Final report - Projects SARRF-35 and SARRF2-22. Species at Risk Program, Parks Canada.
20. Vasseur, L. 2002. Ground vegetation assessment of the campground for future long-term monitoring and management plan – Final report. Research report for Kejimikujik National Park. Parks Canada, NS.

21. Vasseur, L. 2001. Distribution and ecology of *Hydrocotyle umbellata* in Kejimikujik National Park. Research report for Kejimikujik National Park. Parks Canada, NS.
22. Vasseur, L. 2001. Vegetation sampling protocols: comparison of S1/MAB and modified Whittaker plot in Kejimikujik National Park. Research report for Kejimikujik National Park. Parks Canada, NS.
23. Vasseur, L. 2001. Significant Species Assessment and Vegetation management plan for Kejimikujik National Park – Progress report. Research report for Kejimikujik National Park. Parks Canada, NS.
24. Vasseur, L. 2001. Ground vegetation assessment of the campground for future long-term monitoring and management plan: Integration of three years of data. Research report for Kejimikujik National Park. Parks Canada, NS.
25. Vasseur, L. 2000. Assessment of the edges of the parking lot and trail of the Seaside Adjunct of Kejimikujik National Park. Final report for Kejimikujik National Park. Parks Canada, NS.
26. Vasseur, L. 2000. Vegetation sampling protocol: comparison of SI/MAB and Modified Whitaker Plots in Kejimikujik National Park. Research report for Kejimikujik National Park. Parks Canada, NS.
27. Vasseur, L. 2000. Impact of recreational activities in the Kejimikujik campground. Recommendations for future management and conservation. Research report for Kejimikujik National Park. Parks Canada, NS.
28. Vasseur, L. 2000. Distribution and population structure of *Hydrocotyle umbellata* in Kejimikujik National Park. Research report for Kejimikujik National Park. Parks Canada, NS.
29. Vasseur, L. 2000. Population genetic structure and systematics of *Euthamia* species in Nova Scotia (Canada). Research report for Kejimikujik National Park. Parks Canada, NS.
30. Vasseur, L. 2000. Taxonomic identification of *Euthamia* species in Nova Scotia using morphological and genetic markers. Final research report. Nova Scotia Museum of Natural History. Halifax, NS.
31. Vasseur, L. 1999. Population analysis and genetics of two goldenrod species in Nova Scotia: *Euthamia tenuifolia* and *Euthamia galetorum*. Preliminary report. Nova Scotia Museum of Natural History. Halifax, NS.
32. Vasseur, L. 1999. Impacts of management on red spruce forest regeneration and ground vegetation. Research report for Kejimikujik National Park. Parks Canada, NS.
33. Vasseur, L. and C. Konoff. 1999. Taxonomic identification of *Euthamia* species in Kejimikujik National Park using morphological traits. Research report for Kejimikujik National Park. Parks Canada, NS.
34. Vasseur, L. 1998. Ground vegetation assessment of the campground for future long-term monitoring and management plan. Research report for Kejimikujik National Park. Parks Canada, NS.
35. Gagnon, D., Nault, A. and Vasseur, L. 1990. La biologie des populations de l'ail des bois au Québec. Ministère de l'Environnement (Qué.), Dir. du Patrimoine écologique, 87 p.

l) Other reports

1. Vasseur, L. 2010 and 2011. Series of 3 reports for the Greater Sudbury Consortium on Climate Change.
2. Vasseur, L. de 2002 à 2004. Rapport annuel de la Chaire d'Études K.C. Irving en Développement Durable. Université de Moncton, Moncton, NB. Moyenne, 34 pages.
3. Vasseur, L. 1999. Environmental Studies Program Review. Self-study document. Saint Mary's University. (*Document prepared for the MPHEC review of the program during my first year as coordinator*).

m) Book reviews

1. Vasseur, L. 2019. A woman in Engineering. Memoirs of a trailblazer. Autobiography by Monique Frize. University of Ottawa Press. For CCWESTT newsletter January 2020.
2. Guay, H. and L. Vasseur. 2012. Book review. The Bold and the Brave' - A History of Women in Science and Engineering by Monique Frize. For AFFESTIM Newsletter 2012.
3. Vasseur, L. 2010. The John A. Livingston reader with appreciation by Greame Gibson. 2007. Toronto, McClelland and Stewart, 388 pp. (for Canadian Book Review Annual).
4. Vasseur, L. 2009. Le leadership des femmes en STIM (sciences, technologies, ingénierie et mathématiques) by Louise Lafortune, Claire Deschênes, Marie-Claude Williamson et Pauline Provencher 2008. Montréal, Presses de l'Université du Québec, 200 pp. (for Recherches Féministes)
5. Vasseur, L. 2009. States of Nature. Conserving Canada's wildlife in the twentieth century by Tina Loo 2007. (for Canadian Book Review Annual).

6. Vasseur, L. 2008. Genre, mouvements populaires urbains et environnement, by Christine Verschuur (Ed.) 2007 Paris, édition L'Harnattan, 403 pp. (for Recherches Féministes)
7. Vasseur, L. 2007. Sustainable Production: Building Canadian Capacity by Toner, G. (Ed) 2006. UBC Press, Vancouver. 253 pp. (for Canadian Press)
8. Vasseur, L. 2007. Sustainability and the civil commons: rural communities in the age of globalization by Sumner, J. 2005. Island Press. 240 pp. (for Canadian Press).
9. Vasseur, L. 2005. A dynamic balance: Social capital and sustainable community development by Dale, A. and J. Onyx (Eds.). 2005. UBC Press, Vancouver. 275 pp. (for Canadian Press)
10. Vasseur, L. 2003. Ecology and control of introduced plants by Myers, J. and D. Bazely. 2003. Cambridge University Press. (for CBA Bulletin).
11. Vasseur, L. 1999. The environmental consequences of growth by Booth, D.E. 1998. Routledge, London. (for Environmental Management).
12. Vasseur, L. 1998 Plant life histories. Ecology, phylogeny and evolution by Silvertown, J., M. Franco and J.L. Harper. 1997. The Royal Society. Cambridge University Press, Cambridge. (CBA Bulletin).
13. Vasseur, L. 1998. Environmental Science. A study of interrelationships by Enger, E.D. and B.F. Smith. 1998. WCB McGraw-Hill, Boston (for McGraw-Hill Publishers)
14. Vasseur, L. 1998. Plants in changing environments Bazzaz, F.A. 1996. Cambridge University Press. (for CBA Bulletin 31: 13-14)
15. Vasseur, L. 1997. Plant adaptation to environmental stress by Fowden, L. et al. (Eds.) 1993. (CBA Bulletin 30: 9).
16. Vasseur, L. 1996. Urban ecology as the basis of urban planning. by Sukopp, H., Mumata, M. and Huber, A. (Eds.) 1995. (for CBA Bulletin 30: 43-44)
17. Vasseur, L. 1996. New directions. Environment, Labour and the International Trade by Christie, K.H. (Ed.). 1995. (for Ecoscience 3: 356-357)
18. Vasseur, L. 1996. Land degradation. Cambridge University Press by Barrow, L. 1993. (for Ecoscience 3: 129)
19. Vasseur, L. 1995. Economics and Ecology. New frontiers and sustainable development by Barbier, E.B (Ed.). 1995. (CBA Bulletin 28: 69)

4. Oral Communications

a) Invited speaker

1. Vasseur, L. 2021. Developing ecosystem governance principles to sustain NbS. In Social agency and Indigenous people and local communities in NbS. 2021 WWF Nature-based Solutions training sessions. July 16, 2021 (virtual)
2. Vasseur, L. 2021. Importance of thinking about Nature-based Solutions in designing new landscapes. Opening remarks of the Canadian Society of Landscape Architects. May 12, 2021 (virtual)
3. Vasseur, L. 2021. We all share the same water. Keynote. Crossing Borders Conference. (virtual). March 27, 2021.
4. Vasseur, L. 2021. We are in this together. Workshop. Socialization schedule of the international research program "building a resilient future for the Andean paramo ecosystem of Ecuador". (virtual). March 23, 2021.
5. Vasseur, L. 2021. Learning about community adaptation to climate change. Rotary Club Lincoln. (virtual) March 23, 2021.
6. Vasseur, L. 2021. Back to Basic? Bringing back children (and adults) to nature. Decolonization event "our children, and our relationship to our land and our food". Human Rights and Equity Committee, Brock University. (virtual) January 12, 2021.
7. Vasseur, L. 2020. Transition of the Niagara Escarpment Biosphere and the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). Invited lecture (virtual) in Jessica Blythe SSAS5P01 class. October 26, 2020
8. Vasseur, L. 2020. Introduction to the Open Science and the Decolonization of Knowledge. UNESCO Open Science Webinar Series for the Caribbean region (virtual). October 15, 2020.

9. Vasseur, L. Reflections on the trends in environmental science in the world. Saint Mary's University 25th year of environmental science program (virtual). October 14, 2020.
10. Vasseur, L. 2020. Tools of the IUCN Commission on Ecosystem Management for protected areas. The First Thursday of the Month Seminar series (virtual). Canadian Parks Collective for Innovation and Leadership. October 1st, 2020.
11. Vasseur, L. 2020. Foreign workers: an essential service in Canadian agriculture and how to protect them. Forum on Farming workers in Canada under the COVID-19 pandemic (virtual between Canada and Caribbean). Canada-Caribbean Institute. April 30, 2020.
12. Vasseur, L. 2020. How to respond to climate crisis. King College, Western University, London. March 11, 2020.
13. Vasseur, L. 2020. Healthy Planet, Healthy People: A journey from local to global. Canada Caribbean Research Symposium (CCRS), Regional Headquarters of The University of the West Indies, Kingston, Jamaica. February 17 - 19, 2020.
14. Vasseur, L. 2019. Great Lakes Sustainability including high water levels: Or should we say how to adapt to climate change. Ontario Institute of Agrologists – Niagara and Hamilton chapters. Vineland, Ontario. December 10, 2019.
15. Vasseur, L. 2019. Don't forget anyone! The capacity of all to contribute. Keynote speaker for the Annual General Meeting of the Ontario Council of Lifelong Learning (OCULL) - Bridging Troubled Waters: CE and Future Skills. Cambridge, Ontario. October 26, 2019.
16. Vasseur, L. 2019. La gouvernance écosystémique : intégrer la conservation au développement durable. International Seminar "Culture and Nature". Organisé par la Chaire UNESCO sur la diversité des expressions culturelles. Québec City, Sept. 12-13, 2019.
17. Vasseur, L. 2019. Assessing ecosystem services in Canadian biosphere reserves. EVAMAB Closing Workshop, Bahir Dar, Ethiopia, 13-17 May 2019. (invitation of MAB-UNESCO, Paris)
18. Vasseur, L. 2018. Working with rural communities: from local to global. Algoma University Research and Innovation Colloquium. Sault Ste Marie, December 6, 2018.
19. Vasseur, L. 2018. The Non-Linear Paths of Women in STEM: The Barriers in the Current System of Professional Training. Equity, Inclusion and the Future of STEM Learning Exploring the Intersection of SDG4 and Canada 2067. Canadian Commission for UNESCO [CCUNESCO] and Let's Talk Science (by invitation). Ottawa, November 27, 2018.
20. Vasseur, L. 2018. Importance of ecosystem governance in rural-urban fringe: The case of the Town of Lincoln in Canada. Second World Forum on Ecosystem Governance (per invitation only), organized by the State Forest and Grassland Administration of China, IUCN and IUCN-CEM. Hangzhou, China. November 4, 2018.
21. Vasseur, L. 2018. Ecosystem-based adaptation to climate change: developing sustainable solutions. VI International Seminar on Alternative Energy and the Environment and II Latin-american-Chinese Workshop on Clean Energy and Climate Change – ISAE 2018. Galapagos Island, Ecuador. October 10, 2018 (on-line).
22. Vasseur, L. 2018. Plant performance of plants exposed to Spanish River Carbonatite. University of Chapingo, Reference Centre for National Health, and SENASICA, Mexico City. September 25, 2018.
23. Vasseur, L. 2018. Community sustainability – UNESCO Chair at Brock. Workshop on learning to work together and launch the UNESCO Chair in biocultural diversity, sustainability, reconciliation and renewal. Saskatoon, August 29, 2018.
24. Vasseur, L. 2018. Keynote presentation “Climate Change in Coastal Canada: What happens when the weather is out of control and ice caps melt?”. Gros Morne symposium on climate change, Gros Morne, Newfoundland. May 16, 2018.
25. Vasseur, L. 2018. Changing the agrosystem in China: a path for sustainability? Lakehead Research Week, Agrobiodiversity symposium. March 5, 2018.
26. Vasseur, L. 2018. Cover crop and agromineral amendments: for the health of the crops. Soil Health Innovations Workshop, Wilfrid Laurier University, Waterloo. February 20, 2018.
27. Vasseur, L. 2018. Helping the soil through natural amendments: the case of agrominerals and cover crops. Fujian Academy of Agricultural Sciences, Fuzhou, China. January 22, 2018.

28. Vasseur, L. 2018. The case study of San Juan, Ecuador: bringing ecosystem governance for a more sustainable community. Environmental Sustainability Research Centre. Brock University. January 12, 2018.
29. Vasseur, L. 2017. Sustainable agriculture in China. Ontario Institute of Agrologists, Niagara and Hamilton Chapters. Stoney Creek. December 12, 2017.
30. Vasseur, L. A life in biological or health sciences. Ridley College, St Catharines. December 2, 2017.
31. Vasseur, L. 2017. Contributing to the SDGs through international actions. Panel in the Brock University's Sustainable Development Goals Youth Training on Saturday. Brock University. November 11th, 2017.
32. Vasseur, L. and H. VanVolkenburg. 2017. How Do Ecosystem Services Help Maintain Ecosystem and Human Health? International workshop for the "111" Program. Fujian Agriculture and Forestry University, Fuzhou, China. March 12, 2017.
33. Vasseur, L. 2017. Climate Change in Canada: What happens when the weather is out of control and ice caps melt? Burlington Third Age Learning (3ALB) group as part of their 11th series of lectures, focusing on Big Questions...Big Ideas...All Over the Map. Burlington Art Centre. March 9, 2017.
34. Vasseur, L. 2017. How Do Ecosystem Services Help Maintain Ecosystem and Human Health? Global Health Forum. Brock University. February 11, 2017.
35. Vasseur, L. 2017. How Do Ecosystem Services Help Maintain Ecosystem and Human Health? CatIQ's Canadian Catastrophe Conference, Toronto, Ontario. February 1, 2017.
36. Vasseur, L. 2016. Ecosystem-based adaptation to climate change leading towards sustainable solutions. Conference on resilience and climate change in Ecuador. Escuela Superior Politécnica de Chimborazo, Riobamba, Ecuador. December 8-12, 2016.
37. Vasseur, L. 2016. Restoring the agriculture landscape: from the ground up. Landscape management and ecosystem service delivery International Workshop. Fujian Agriculture and Forestry University, November 20-24, 2016.
38. Vasseur, L. 2016. L'agriculture et les changements climatiques : votre nourriture favorite sera-t-elle toujours là? Virtual Researchers on Call (VROC), Partners in Research. October 25, 2016.
39. Vasseur, L. 2016. Climate change: what to expect in the Niagara? Federal Climate Change Consultation with Vance Badawey, Member of Parliament for Niagara Centre. Welland City Hall. September 30, 2016.
40. Vasseur, L. 2016. Planet at the crossroads, a recap of IUCN World Conservation Congress and the future prospects. Fujian Agriculture and Forestry University, Fuzhou, China. October 8, 2016.
41. Vasseur, L. 2016. Intercropping: exploring its full potential. Fujian Agriculture and Forestry University, Fuzhou, China. May 31, 2016.
42. Vasseur, L. 2016. Nature-based solutions to climate change. Meeting of the Scientific, Technical and Technological Advice (SBSTTA) to the Convention for Biological Diversity, Montréal. April 29, 2016. Invited by the European Commission.
43. Vasseur, L. 2016. Combining ecosystem-based adaptation to climate change through diversification: sustainable solutions. Sustainability Conference, University of Toronto, January 30, 2016.
44. Vasseur, L. 2015. From thinking to doing... ESPOCH, Riobamba, Ecuador. December 15, 2015.
45. Vasseur, L. 2015. Community sustainability through collaboration. ESPOCH, Riobamba, Ecuador. December 15, 2015.
46. Vasseur, L., F. Guinel and P. Antunes. 2015. Caring for the soil: amendment strategies for organic farms. Fujian Agriculture and Forestry University, Fuzhou, China. September 26, 2015.
47. Vasseur, L. 2015. Linking Niagara Community to its Environment from Research to Action. Environmental Drainage Training Centres, August 11, 2015. Niagara Falls, Ontario.
48. Vasseur, L. 2015. Combining sustainable development, health, ecosystem and food security: rethinking the models? "Glocal" Health sustainability undergrad student conference, McMaster University, Hamilton, Canada, February 7, 2015.
49. Vasseur, L. 2015. Community sustainability: from local to global. Ontario Institute of Agrologists, Jordan. February 10, 2015.
50. Vasseur, L. 2014. Community sustainability: from local to global. Rotary Club of Fonthill, September 3, 2014.

51. Vasseur, L. 2014. Keynote speaker. Lessons from Canada: moving towards sustainable agriculture while facing a warming climate. Session 4. Ecologically based pest management. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou (China), October 28–31, 2014
52. Vasseur, L. 2014. Climate extreme events: what to expect and how communities can respond. Invited speaker, Seminars in the Department of Environmental Studies, University of Guelph. October 10, 2014.
53. Vasseur, L. 2014. Keynote speaker. Breaking the Barriers: Valuing Sustainability through Collaboration. Environmental Studies Association of Canada, Congress 2014, Brock University. May 27, 2014.
54. Vasseur, L. 2014. Keynote speaker. Facing climate change through sustainable agriculture: Can results from China be transferred to Africa? International Workshop on Ecology, Agriculture and Pest Management, Fujian Agriculture and Forestry University, Fuzhou, China. April 21, 2014.
55. Vasseur, L. 2014. Not only is the heat on... but the extreme too! Royal Canadian Institute, Mississauga. February 6, 2014.
56. Moser, C. and L. Vasseur. 2013. Ecosystem-Based Adaptation to Climate Change: 3 Case Studies from North America. Workshop on Human resilience to climate change and disasters. Wilson Center, Washington DC. November 6.
57. Vasseur, L. 2013. EBA within IUCN networks. Regional Network Coordination Workshop organized by the GEF SCCF Project. Beijing, China. October 17.
58. Vasseur, L. 2013. Lessons learned from the IUCN for mainstreaming EBA. Ecosystem-based Adaptation Workshop organized by the GEF SCCF Project. Beijing, China. October 15.
59. Vasseur, L. 2013. Lessons learned from IUCN reviews of EBA implementation on the ground. Ecosystem-based Adaptation Workshop organized by the GEF SCCF Project. Beijing, China. October 14.
60. Vasseur, L. 2013. Climate extremes: what plants have to expect... not only humans! Wilfrid Laurier University, On. October 11, 2013.
61. Vasseur, L. 2013. Changement climatique : sommes-nous prêts ? Université de Moncton, NB. March 21, 2013.
62. Vasseur, L. 2013. Preparing coastal communities of Atlantic Canada: the challenge of preserving natural and sociocultural elements. United Nations University Institute for Water, Environment and health. Hamilton, ON February 28, 2013.
63. Vasseur, L. 2013. Kouchibouguac National Park: the challenge of a coastal ecosystem facing climate change. Department of Chemistry and Biology Seminar Series, Ryerson University, Toronto. January 31, 2013.
64. Da Cunha, C., S. Plante and L. Vasseur. 2012. Le suivi de la résilience de communautés côtières comme moyen d'évaluation des effets de la recherche action participative. REEDS Seminar séries, Université de Versailles Saint-Quentin-en-Yvelines, France. November 29, 2012.
65. Vasseur, L. 2012. What to expect in coastal communities with climate change? Annual General Meeting of the Southern Gulf of St. Lawrence Coalition on Sustainability. Shippagan, New Brunswick. June 16, 2012.
66. Vasseur, L. 2012. Climate Change and Coastal Communities in Atlantic Canada - What is Coming Your Way and Its Impact on Lobster. Fishermen and Scientists Research Society 19th Annual Conference. Truro, Nova Scotia, Canada. February 24-25, 2012.
67. Vasseur, L. and S. Merza. 2011. Short term responses of *Euthemia graminifolia* to extreme weather events in Niagara region. Invited seminar, Institute of Applied Ecology, Fujian Agricultural and Forestry University, Fuzhou. December 17, 2011.
68. Vasseur, L. 2011. Kouchibouguac National Park of Canada: an overview from a plant ecologist. Winter Seminar series, Department of Biological sciences, Brock University. March 11, 2011.
69. Vasseur, L. 2011. Environment and sustainable development through the eyes of women in rural developing countries. Women Studies program, Brock University. February 8, 2011.
70. Vasseur, L. 2011. Updates on climate change scenarios and directions for adaptations in Great Sudbury. Greater Sudbury Consortium on Climate Change, City of Greater Sudbury and Social Planning. February 24 (general public seminar) and 25 (workshop participants).
71. Vasseur, L. 2010. Plant communities and the issues of invasive plants in national parks of Canada. Brock University, Depart. Biol. Sci. Course 5P95. November 29, 2010.

72. Vasseur, L. 2010. Invasive plants in national parks in Canada: status and issues. Fujian Agricultural and Forestry University, Fuzhou, China. November 4, 2010.
73. Vasseur, L. 2010. Climate change adaptation at a community level: case study of Sudbury. Fujian Agricultural and Forestry University, Fuzhou, China. November 4, 2010.
74. Vasseur, L. 2009. Changement climatique: est-ce le temps de changer les rôles ou les règles du jeu? Power Shift Canada, a national youth summit on climate change and the green economy. Nepean Sportsplex, Ottawa. October 23, 2009.
75. Vasseur, L. 2009. Climate change in the Atlantic Provinces. Conference Board of Canada. Halifax, NS. March 25-26, 2009.
76. Vasseur, L. and N. Catto. 2008. Atlantic Canada of the NRCan national assessment report: From Impacts to Adaptation: Canada in a Changing Climate. Climate Change Adaptation for Atlantic Canada Workshop. Co-Hosted by Natural Resources Canada, Climate Change Impacts and Adaptation Directorate and New Brunswick Department of Environment Saint John, NB. May 8-9, 2008.
77. Vasseur, L. 2007. The future of emerging materials research and commercialization in Ontario. Panel presentation and discussion. Emerging Materials Knowledge Conference 2007. Toronto. June 15, 2007.
78. Vasseur, L. 2007. Le futur de la forêt et de nos communautés : allons-nous sortir du bois? BioEcoSocio (BES) Conference, Hearst, ON. April 14, 2007.
79. Vasseur, L. 2007. Building Scientific Capacity through Collaboration Collaboration with Academia. Science Renewal Workshop. Department of Fisheries and Oceans. Montebello. February 7, 2007.
80. Vasseur, L. 2004. Don't get lost in the woods or in the world of challenges. CONFOR 2004. Halifax, N. S.
81. Vasseur, L. 2004. Climate Change: or Changes in Life Style? Seminar in Environment Design (D. L. Chang), University of New Brunswick, Fredericton, N. B. 26 February 2004.
82. Pruneau, D., A. Doyon, J. Langis, L. Vasseur, E. Ouellet and É. McLaughlin. 2003. The result of the Mutants' Circle project. Communication à la rencontre des projets canadiens d'éducation au changement climatique subventionnés par le Fonds d'action au changement climatique. Montréal. Octobre 2003.
83. Pruneau, D., A. Doyon, J. Langis, L. Vasseur, E. Ouellet and É. McLaughlin. 2003. Les résultats du projet Le Cercle des mutants, communication à la Biosphère de Montréal. Montréal. Octobre 2003.
84. Pruneau, D., Doyon, A., Langis, J., Vasseur, L., McLaughlin, E., Ouellet, E., et Martin, G. 2003. Mutants' stories: Teachers experimenting new environmental behaviours. EECOM Conference, Summerside P-E-I, septembre 2003.
85. Pruneau, D., A. Doyon, J. Langis, L. Vasseur, E. Ouellet and É. McLaughlin. 2003. Les résultats du projet Le Cercle des mutants, communication à la Chaire en éducation relative à l'environnement de l'UQAM. Montréal.
86. Pruneau, D., A. Langis, L. Vasseur. E. Ouellet, É. McLaughlin et G. Martin. 2003. Factors influencing people to act towards climate change. Affiche présentée à l'Atelier 2003 du Canadian Climate Impacts and Adaptation Research Network. Charlottetown, IPÉ. Juin 2003.
87. Vasseur, L. 2003. La gestion de écosystèmes basée sur les communautés: expériences d'ici et d'ailleurs. Ministère des pêches et océans, Bureau de Moncton, Moncton, N.-B. 1er décembre 2003.
88. Vasseur, L. 2003. Ecosystem Services and Livelihoods. Atelier CIAR, Montréal. 25 août 2003.
89. Vasseur, L. 2003. Presentation during the course ETEV6004/ETEV6012 of professor Jean-Paul Vanderlinden. March 2003.
90. Vasseur, L. 2002. Community-based conservation management in Canada and Asia. Monterrey Institute of Technology, Monterrey, Mexico. December 6, 2002.
91. Vasseur, L. 2002. Conservation management in mangroves ecosystems in Asia : learning from the past. Workshop to the Brazilian crown prosecutors, Sao Paulo University, Brazil. September 29, 2002.
92. Vasseur, L. 2002. Les pesticides et la santé humaine. Groupe sur la sustainability de la Péninsule Acadienne, Ackerman, NB. Juillet 7, 2002.
93. Vasseur, L. 2002. Climate change in North America. AGM of the Coalition for the sustainability of the southern Gulf of St Lawrence. Miramichi, April 15, 2002.
94. Vasseur, L. 2002. Panellist on the establishment of the biodiversity information network for Canada. In the symposium on the « Applying Biodiversity Information». Sponsors: Biodiversity Knowledge

- Integration Network (BKIN), Miistakis Institute for the Rockies, Canadian Information System for Environment, NatureServe and the Biodiversity convention office. Ecological Monitoring and Assessment (Environment Canada). National science meeting 2002, April 9-14, 2002, Château Cartier, Gatineau (Québec).
95. Vasseur, L. 2002. Ecology and genetic variation in the two populations of *Hydrocotyle umbellata* in Canada. Service Canadien de la Faune, Sackville, NB. Mars 22, 2002.
 96. Vasseur, L. 2002. Genetic variability in rare species in the Atlantic region: development of conservation strategies. Mount Allison University, Sackville. January 10, 2002.
 97. Vasseur, L. 2001. Community-based conservation in Asia. Sigma Xi Lecture, The University of Northern Iowa, Cedar Falls, USA. November 9, 2001.
 98. Vasseur, L. 2001. Gestion de la conservation basée sur la communauté en Chine et au Vietnam: établissement de parcelles de biodiversité. Institut de Recherche e Biologie Végétale, Jardin Botanique de Montréal. April 6, 2001.
 99. Vasseur, L. 2000. Plot based monitoring: experimental design principles and site selection. In SAMPAA workshop – Establishing Smithsonian Institution/Man and Biosphere (SI/MAB) Permanent Biodiversity Forest Monitoring Plots. Backus Conservation Area, Long Point, Ontario. May 14.
 100. Vasseur, L. and T. Herman. 2000. Conservation ecology: the pros and cons of interdisciplinary approach. Nova Scotia Institute of Science, Nova Scotia Museum of Natural History, Halifax. April 8.
 101. Vasseur, L. 1999. Community-based conservation management. A vision that I had a few years ago... Conference on From the Classroom to the Community: Development of Alternatives Teaching Programs. Saint Mary's University. October 13.
 102. Vasseur, L. 1999. Nova Scotia Plantwatch: mesoscale climate changes in Nova Scotia. South Shore Field Naturalists, Bridgewater. September 8.
 103. Vasseur, L. 1999. Canadian experience in community-based conservation management: the Golden Beach in China. Atlantic Canada Studies Seminar Series. Host: Tony Charles. Saint Mary's University. April 7.
 104. Vasseur, L. 1999. Ecology and conservation status of wild leek (*Allium tricoccum*) in Québec and Nova Scotia. Nova Scotia Field Naturalists, Nova Scotia Museum of Natural History, Halifax. March 22.
 105. Vasseur, L. 1999. Data management and analysis in biodiversity monitoring. What is the question? Workshop of EMAN National Science Meeting. Victoria, BC. January 19-23.
 106. Vasseur, L. 1998. Community-based management: from a case study in Lac Mégantic (Quebec) to projects in Asia. SRES, Dalhousie University. October 22.
 107. Vasseur, L. 1998. Some aspects of the ecology of *Allium tricoccum* var. *burdickii* in Nova Scotia. Saint Francis Xavier University. September 30.
 108. Vasseur, L. 1995. Long-term response of a natural pasture community to CO₂ enrichment. Dalhousie University. December 8.
 109. Vasseur, L. 1995. The STOPER model: case study of sewage sludge management in the region of Lac-Mégantic. University of Guelph. June 22.
 110. Vasseur, L. 1995. La conservation des plantes: un exemple de l'ail des bois. Université de Sherbrooke. January 24.
 111. Vasseur, L. 1994. Plasticité phénotypique et variation génétique chez *Lemna minor* et autres plantes clonales. Université du Québec à Montréal. October 12.
 112. Vasseur, L. 1994. Les indicateurs environnementaux: la responsabilité de tous et toutes? Université de Sherbrooke. September 22.
 113. Vasseur, L. 1993. Reproductive ecology of *Hepatica acutiloba* in Ontario. Michigan State University, Kellogs Station. November 19.
 114. Vasseur, L. 1993. Plasticité phénotypique et variation génétique chez les plantes, de Bradshaw à aujourd'hui. Université du Québec à Montréal. November 4.
 115. Vasseur, L. 1993. Plasticité phénotypique et variation génétique chez *Lemna minor*. Université de Sherbrooke. October 8.
 116. Vasseur, L. 1993. Research project and methodology related to clonal plants. Plant Ecology Group, McGill University. September 15.

117. Vasseur, L. 1993. Adaptive plasticity and allozymic variation in *Lemna minor*. Organismal seminar, McGill University. February.
118. Vasseur, L. 1991. Phenotypic plasticity and genetic variation in *Lemna minor*. Departmental seminar, The University of Western Ontario. September.
119. Vasseur, L. 1990. Population dynamics and field experiments. Lecture in Biology 411 (Plant Ecology course), Queen's Univ. November.
120. Vasseur, L. 1990. Clonal organisms. Lecture in Biol. 411 (Plant Ecology course), Queen's Univ. October.
121. Vasseur, L. 1990. An adaptive interpretation of phenotypic plasticity in *Lemna minor*. Departmental Seminar, Queen's Univ. March.
122. Vasseur, L. 1988. Survival, reproduction and growth of transplants of *Allium tricoccum* in different environments in southern Quebec. Ecological and Evolutionary Biology Seminar, Queen's Univ. October.
123. Vasseur, L. 1987. Variabilité génétique de l'ail des bois (*Allium tricoccum* Ait.) à sa limite nord de distribution. Séminaire départemental, Université du Québec à Montréal, Montréal, Québec. April.

b) Presentations in Symposia / panels/ Workshops

1. Gann, G. (moderator), C. Nelson (moderator), B. Walder, S.M. Manirajah, A. Diederichsen, M. Guariguata, C. Besacier, N. Nagabhatla, and L. Vasseur. 2021. Key Concepts for Creating and Implementing a Shared Vision of the UN Decade on Ecosystem Restoration. High-level Panel. World Environment Day 2021, Launch of the UN Decade on Ecosystem Restoration (<https://www.worldenvironmentday.global/latest/official-event-schedule>). June 4, 2021 (virtual).
2. Vasseur, L., C. Lacroix, A. Boudreault-Fournier, M.-A. Éthier, D. Lefrançois et H. Cazes. Le français dans un monde scientifique anglophone. Organized by the Canadian Association of Learned Journals, in Congress of the Humanities and Social Sciences 2021, University of Alberta. May 28, 2021 (invited, virtual).
3. Vasseur, L., H. VanVolkenburg and H. Ben Kalifa. 2021. Getting ready for climate change: exploring cover crops and other techniques to deal with extremes. Cover Crops in Vineyards: Planting the Seeds for Vineyard Floor Management – ONfruit. OMAFRA. May 21, 2021 (virtual).
4. Vasseur, L. 2021. Climate change in the Great Lakes and St Lawrence region. Resilience Advisory Council of the Great Lakes and St Lawrence Mayors Initiatives. (virtual) March 24, 2021.
5. Vasseur, L. and M. Robert (invited, virtual). 2020. La science ouverte au Canada et au Québec : Contexte et enjeux. Causeries ACFAS. May 6, 2020.
6. Vasseur, L. (invited). 2019. Ecosystem-based adaptation to climate change in rural communities. The 1st International Workshop on the Environment and Climate Change (ICEC 2019). Riobamba, Ecuador. November 26, 2019.
7. Vasseur, L. (moderator). 2019. The Future of Research Excellence: A Conversation with Canada's Granting Agencies. Panel Organized by Canada Foundation for Innovation (CFI), Canadian Institutes of Health Research (CIHR), Canada Research Coordinating Committee Secretariat (CRCC), Natural Sciences and Engineering Research Council of Canada (NSERC), Social Sciences and Humanities Research Council of Canada (SSHRC). Speakers: Ted Hewitt, Alejandro Adem, Tammy Clifford, and Roseann O'Reilly Runte. Canadian Science Policy Conference, Ottawa. November 15, 2019.
8. Vasseur, L., Sandra Corbeil and Brittany Grimsdale. 2019. Panel How Can Multiple Layers of Society Collaborate to Dismantle Barriers to Gender Equity in STEM? Chair: Eleanor Haine-Bennett. Moderator: Eleanor Haine-Bennett. Canadian Science Policy Conference, Ottawa. November 13, 2019.
9. Vasseur, L. 2019. Les parcours non linéaires des femmes en STIM : les obstacles du système actuel de formation professionnelle. Colloque 4 - La force motrice de la diversité. 87e congrès de l'ACFAS, 31 mai 2019 à l'Université du Québec en Outaouais.
10. Vasseur, L. 2019. Excellence en recherche et le rôle des chercheuses et chercheurs. Panel sur l'excellence en recherche et le rôle des scientifiques. Espace Radio Canada, déjeuner causerie. 87e congrès de l'ACFAS, 30 mai 2019 à l'Université du Québec en Outaouais.
11. Vasseur, L. 2019. Prise en compte du s/g en mobilisation des connaissances : quels constats et quels défis pour l'action? Table-ronde avec des actrices des milieux de pratique et des chercheuses. Colloque 10 «

Mobilisation des connaissances et intégration des inégalités sociales et de genre : constats et défis en santé au travail et en santé environnementale ». 87e congrès de l'ACFAS, 29 mai 2019 à l'Université du Québec en Outaouais.

12. Vasseur, L. 2019. Partager les connaissances scientifiques avec les communautés : qui est à éduquer? Colloque 623 - Vers la viabilité : actions novatrices et processus de construction de solutions (pensée design et plateformes numériques collaboratives). 87e congrès de l'ACFAS, 27 mai 2019 à l'Université du Québec en Outaouais.
13. Vasseur, L. 2019. Mature women in non-linear paths in STEM education. CCUNESCO Symposium on SDG 4, 5, and 11. Ottawa. May 22, 2019.
14. Vasseur, L. 2019. Instruments of change – Perspectives at the international levels. The First North American Dialogue on Biocultural Diversity, Montreal, Canada. May 5-7, 2019.
15. Vasseur, L. 2018. Panel Session 3: WE Lead - Breaking Barriers for Women in Politics and Leadership. It's Time WE Act: The 16th Annual Claudette MacKay-Lassonde Fall Forum. Shaw Centre, Ottawa. October 10, 2018
16. Vasseur, L. 2018. Helping the agricultural landscape: talking of the soil first. Agroecology Field School and Research Summit. Ottawa. August 16-17, 2018.
17. Vasseur, L. 2018. Défis pour les femmes ayant des carrières non-linéaires dans les STEM. Wefla Conference, Holguin, Cuba. April 25, 2018.
18. Vasseur, L. 2017. Developing a vision of inclusiveness: global challenges at work and home. Panel entitled Best Practices: Global Perspectives on Equity, Diversity and Inclusion in STEM. Gender Summit 11, Embracing Pluralism and Thriving through Diversity – Shaping Science and Innovation. Montreal, Canada. November 6–8, 2017.
19. VanVolkenburg, H., Vasseur, L. “A Birding Event, the Chimney Swift is in Town!” Brock University Chimney Swift Project Kick-off. Mahtay Café, St. Catharines, Ontario, May 2017.
20. Vasseur, L. and S. Plante. 2017. Où est le capital social des communautés côtières lors de tempêtes? Symposium Comment faire du Québec un phare international en recherche maritime? ACFAS. McGill University, Montreal. May 10-12, 2017.
21. Fancy, D., T. McDonald, A. Dickinson, M. Head and L. Vasseur. 2017. Scientific and Posthumanist Perspectives on the Anthropocene. Environmental Sustainability Research Centre and Posthumanism Research Institute, Brock University. March 27, 2017.
22. Vasseur, L. 2017. Helping the landscape: ideas for pest management. Institute of Applied Ecology, Fujian Agriculture and Forestry University, Fuzhou. March 8, 2017.
23. Vasseur, L. 2017. How Do Ecosystem Services Help Maintain Ecosystem and Human Health? Institute of Applied Ecology, Fujian Agriculture and Forestry University, Fuzhou. February 11, 2017.
24. Baird, J., Plummer, R., Bullock, R., Dupont, D., Heinmiller, T., Jollineau, M., Kubik, W., Renzetti, S. and Vasseur, L. “Water in Niagara: How is it perceived and how should it be governed?” Environmental Sustainability Research Centre Research Café, Marilyn I. Walker School of Fine and Performing Arts, St. Catharines, Ontario, Canada. February 8, 2017.
25. Vasseur, L. 2016. Postsecondary education and beyond. In the symposium on Achieving diversity in STEM, advancing innovation organised by Imogen Coe. 8th Canadian Science Policy Conference, Shaw Centre, Ottawa. November 8, 2016.
26. Vasseur, L. and S. Plante. 2016. Transitioning the sustainability of coastal rural communities facing climate change – A complex story - Panel. International Rural Sociology Association Conference, Ryerson University, Toronto. August 10-14, 2016.
27. Vasseur, L. Ecosystems sustain development. Panel member at EcoForum Global, Guiyang, China. June 25-26, 2015. Vasseur, L. 2015. Gouvernance adaptative: l'importance de rester ouvert à tout. Colloque 631. Le développement territorial sous la loupe : la recherche partenariale au service de la résilience aux changements climatiques. In 83th Congress of ACFAS, Rimouski, May 25, 2015.
28. Geneviève Brisson, G. (panel chair), F. Gagnon, R.-M. Gallagher, M. Noblet and L. Vasseur. 2015. Perspectives conceptuelles: un dialogue à plusieurs voix. Colloque 631. Le développement territorial sous la loupe : la recherche partenariale au service de la résilience aux changements climatiques. In 83th Congress of ACFAS, Rimouski, May 25, 2015.

29. Verville, A., L. Vasseur and S. Dick. 2015. Comprendre les connexions sociales dans les communautés: comment utiliser l'analyse des réseaux sociaux? Colloque 631. Le développement territorial sous la loupe: la recherche partenariale au service de la résilience aux changements climatiques. In 83th Congress of ACFAS, Rimouski, May 26, 2015.
30. Vasseur, L. 2015. Apprentissages et leadership dans la recherche partenariale: éviter à tout prix la recherche "hélicoptère". Colloque 631. Le développement territorial sous la loupe: la recherche partenariale au service de la résilience aux changements climatiques. In 83th Congress of ACFAS, Rimouski, May 26, 2015.
31. Vasseur, L. and E. Tremblay. 2014. Coastal ecosystem in Kouchibouguac National Park of Canada: adaptation possibilities for protecting traditional knowledge of local a community. World Parks Congress, Sydney Australia. November 17, 2014.
32. Vasseur, L. 2014. Exploring Tools for Climate Change Resilience in and around Protected Areas. Side event organized by S.R. Edwards. World Parks Congress, Sydney Australia. November 17, 2014.
33. Vasseur, L. 2014. How Their Lives Shaped Our Lives: International Perspectives on Connecting Women to the History of Science and Engineering. ICWES, Los Angeles. October 24, 2014
34. Vasseur, L. 2014. Linking botanical biodiversity and sustainable development to food security. *In* Talking about food in the world: bridging disciplines for a better vision in an uncertain future. Canadian Association of Food Studies, Congress 2014, Brock University. May 26, 2014.
35. Plante, S., L. Vasseur, and C. DaCunha. 2014. Participatory Action Research a way to coconstruct a Community Resilience Plan in climate change context. *In* Bridging Coastal Communities: Climate Change Adaptation. Panel discussion. Environmental Studies Association of Canada, Congress 2014, Brock University. May 27, 2014.
36. Vasseur, L., S. Plante, and A. Verville. 2014. Bringing tools to communities: the role of researchers in helping coastal communities adapt to climate change. *In* Bridging Coastal Communities: Climate Change Adaptation. Panel discussion. Environmental Studies Association of Canada, Congress 2014, Brock University. May 27, 2014.
37. Vasseur, L. 2013. Lier les sciences à l'éducation : redonner à la société? In Symposium 505 – Filles et femmes en sciences, technologies, ingénierie et mathématiques (STIM) : à qui la responsabilité ? ACFAS, Québec City, May 9, 2013
38. Vasseur, L. 2013. Est-ce que les attitudes des gens peuvent influencer leurs capacités d'adaptation face au changement climatique ; en fait, ont-ils leurs valeurs à la bonne place? Symposium 418 - Défis des communautés côtières et riveraines: de la vulnérabilité à la résilience. ACFAS, Québec City, May 7-8, 2013.
39. Vasseur, L., Clowater, R., Tusz-King, M., and Mockler-Caissie, P. 2012. A hands-on workshop aimed at exploring how the community can become engaged in making decisions about their own future. Meet the Collaboration Dragons and put your project consultation plans to the test! Panel facilitated by M.A. Coleman and S. Dietz. Climate 2100. Tools and Strategies for NB Communities. Sharing data, best practices, and practical adaptation experiences to sustain our communities. Atlantic Climate Adaptation Solutions and Regional Adaptation Collaboratives (RAC) Climate Change Program, Fredericton, NB. November 16, 2012.
40. Vasseur, L. 2012. Steps to start planning for change; a workshop to explore how the vulnerability and resilience assessment tool can be used in NB. Climate 2100. Tools and Strategies for NB Communities. Sharing data, best practices, and practical adaptation experiences to sustain our communities. Atlantic Climate Adaptation Solutions and Regional Adaptation Collaboratives (RAC) Climate Change Program, Fredericton, NB. November 16, 2012.
41. Vasseur, L. and M. You. 2012. Du Burkina Faso à la Chine, les points communs pour une agriculture durable à l'heure des changements climatiques. Symposium #677 – Changement climatique et agriculture. ACFAS, Montréal, mai 2012.
42. Vasseur, L. 2012. Water unpredictability in Burkina Faso: long walks for women. Panel presentations on women and water. International Women Day event. Brock University, March 8, 2012.
43. Vasseur, L. 2011. Assessing climate change impacts on traditional plants and species at risk in coastal regions. Symposium Climate change: Canada's plants on the run! Plant Canada July 17-21, 2011, Halifax.

44. Vasseur, L. 2010. Changes in plant communities: approaches to visualize spatial or temporal changes. Symposium on Data Recording: Legacy for Biodiversity Conservation? Joint conference of the International Society for the Preservation of Natural History Collections (SPNHC) and the Canadian Botanical Association (CBA/ABC), Ottawa. May 31 – June 5, 2010.
45. Vasseur, L. 2009. Les sciences environnementales du Canada à l’Afrique de l’Ouest: le défi de l’interdisciplinarité. 77^{ème} Congrès annuel de l’ACFAS Colloque 605 « Enseignement des sciences dans divers espaces francophones : obstacles, défis et possibilités d’une science en français au 21^{ème} siècle et au delà ». Université d’Ottawa. Mai 2009.
46. Vasseur, L. 2008. Les femmes et le développement durable dans les communautés rurales : information, réveil et action. Colloque sur les enjeux des femmes dans le développement durable. Organisé par l’AFFESTIM, AUF et ACDI. October 6-7, 2008. Université de Moncton, NB.
47. Vasseur, L. and N. Catto. 2008. Coastal communities and climate change: vulnerabilities and complexity in adaptation measures. Canadian Association of Geographers. Quebec City. May 21, 2008.
48. Vasseur, L. 2005. Changes in coastal dune plant communities with sea level rise. Global ecological change: an international colloquium. Laurentian University, Sudbury. August 4, 2005.
49. Vasseur, L. 2004. Le développement durable face au changement climatique : des défis à venir ? L’Association canadienne des géographes : congrès annuel 2004 « Célébrer 400 ans de géographie canadienne », Séance spéciale : « Communities and Climate Change Impacts, Adaptation and Vulnerability ». Université de Moncton, 25-29 mai 2004.
50. Pouzet, S., A. Poulin, J.-M. Dubois, L. Provencher and L. Vasseur. 2004. Méthode de suivi des anciennes terres agricoles du Parc national du Canada Kouchibouguac. L’Association canadienne des géographes : congrès annuel 2004 « Célébrer 400 ans de géographie canadienne », Séance spéciale : « Les parcs nationaux canadiens : évolution des milieux et intégration dans le milieu régional ». Université de Moncton, 25-29 mai 2004.
51. Vasseur, L. 2003. «The Kyoto Protocol and Environmental Policy in Atlantic Canada». Policy Studies Centre Dept. Of Economics, Fredericton, N. B. Conférence environnementale, 2 mai.
52. Vasseur, L. 2001. Gestion de la conservation basée sur la communauté. Une approche intégrée en recherche. Colloque de l’Environnement. Université de Moncton, Moncton, NB. October 30.
53. Vasseur, L. 2001. Impacts of managed forests on biodiversity: clearcut versus gaps. CBA Ecology Symposium, Kelowna, BC. June 23-27.
54. Vasseur, L. 2000. Ecosystem health and human health: an introduction to the working group. EcoSummit 2000, Halifax, June 18-22.
55. Vasseur, L. and C. Anseau. 1995. Réponse à long-terme des communautés végétales de pâturage à la valorisation des boues d’usine d’épuration municipale. Colloque sur “La gestion des boues usées municipales: une question interdisciplinaire”. 63^{ème} Conférence annuelle, ACFAS. Chicoutimi, Québec. Annales de l’ACFAS 63: 426.
56. Vasseur, L., C. Anseau, L. Lafrance and T. Audet. 1995. Le rôle d’un comité consultatif en environnement: un outil d’aide à la décision. Colloque sur “La gestion des boues usées municipales: une question interdisciplinaire”. 63^{ème} Conférence annuelle, ACFAS. Chicoutimi, Québec. Annales de l’ACFAS 63: 426.
57. Vandal, F., M. Bilodeau and L. Vasseur. 1995. L’analyse avantages-coûts de la valorisation des boues d’usine d’épuration sur les terres agricoles: cas de Lac-Mégantic. Colloque sur “La gestion des boues usées municipales: une question interdisciplinaire”. 63^{ème} Conférence annuelle, ACFAS. Chicoutimi, Québec. Annales de l’ACFAS 63: 425.
58. Vasseur, L. and L.W. Aarssen. 1991. Interpretation of adaptive plasticity in *Lemna minor* L. Symposium on "Phenotypic plasticity", Canadian Botanical Association, Edmonton, Alberta, June.

c) Conference presentations

1. Zgurzynski, K. and L. Vasseur. 2021. Perimeter plantings and interiors of vineyards and their plant and insect communities. Botany 2021. Botanical Society of America. July 12, 2021 (virtual).
2. Zgurzynski, K. and L. Vasseur. 2021. Plant and insect communities along perimeter plantings and interiors of vineyards. BL2021. International Association of Bryologists with Canadian Botanical Association. July 9, 2021 (virtual). Honorable Mention.

3. Vasseur, L. and T. Zuklin. 2021. Developing Ecosystem Governance Principles to Sustain Transformations. Transformations Conference 2021. Enabling Positive Tipping Points in an uncertain world. June 17, 2021 (virtual).
4. Vasseur, L., R. Mur, F. Cargua and M. Echeverria. 2021. Transforming lives of Indigenous communities in the Chimborazo through ecosystem-based adaptation – PACHA. Transformations Conference 2021. Enabling Positive Tipping Points in an uncertain world. June 17, 2021 (virtual).
5. Ben Kalifa, M.L. and L. Vasseur. 2021. Moving Towards Sustainable Organic Wine Production within Niagara Region. Environmental Studies Association of Canada - Congress 2021 of the Humanities and Social Sciences. June 2, 2021 (virtual).
6. Gauthier, S. and L. Vasseur. 2021. Applying Ecosystem-based Adaptation to Protect Biodiversity of Avian Species in Coastal Communities in the Niagara Region, Canada. Environmental Studies Association of Canada - Congress 2021 of the Humanities and Social Sciences. June 2, 2021 (virtual).
7. Gauthier, S., L. Vasseur and B. May. 2021. Applying ecosystem-based adaptation to protect biodiversity of avian species in coastal communities in the greater Niagara region. Ontario Ecology, Ethology, or Evolution Colloquium 2021. University of Guelph (poster, virtual). May 13, 2021.
8. Krueger, A. F. McCarthy, A. Paterson and L. Vasseur. 2021. Dinoflagellates from the water column to the lakebed in two lakes from the Dorset region of Ontario, Canada.
9. Vasseur, L. and T. Zuklin. 2021. Developing principles for ecosystem governance to ensure net gain in biodiversity, ecosystem services and human wellbeing. IUCN Global Youth Summit. April 13, 2021 (virtual).
10. Zgurzynski, K. and L. Vasseur. 2021. Plant and insect communities along perimeter plantings and interiors of vineyards. Ontario Biology Day Virtual Conference. McMaster University. March 20, 2021 (virtual).
11. Vasseur, L. 2020. Exploring transformative change or back to basic? Indigenous Health Conference (virtual). December 4, 2020.
12. VanVolkenburg, H. and L. Vasseur. Responses of invertebrate communities in lettuce (*Lactuca sativa*) and radish (*Raphanus sativus*) monocultures and intercrop. International Congress of Entomology (ICE 2020). Helsinki, Finland. July 2022 (accepted)
13. Hughes, M. and L. Vasseur. Influence of hedgerows on plant and invertebrate diversity in Niagara vineyards. International Congress of Entomology (ICE 2020). Helsinki, Finland. July 2022 (accepted)
14. Zuklin, T. and L. Vasseur. 2019. Prerequisites for effective ecosystem governance: a view from CEM-IUCN. International Congress for Conservation Biology 2019. Kuala Lumpur, Malaysia. July 23, 2019.
15. Vasseur, L. and L. Brown. 2019. An Analysis of Invasive Species Management in the Niagara Region of Ontario, Canada: Establishment of a Database to Improve Knowledge Sharing. Poster. Plant Canada, July 7-10, 2019. University of Guelph. (Poster)
16. Vasseur, L. and O. Groff. 2019. Precarity of American Water Willow (*Justicia americana*) in Ontario. Plant Canada, July 9, 2019.
17. Hughes, M. and L. Vasseur. 2019. Impact of perimeter plantings on vineyard ecology. Plant Canada July 9, 2019. University of Guelph.
18. VanVolkenburg, F. Guinel and L. Vasseur. 2019. Responses of various cover crop species to agromineral soil amendment over time. Plant Canada, July 8, 2019. University of Guelph.
19. VanVolkenburg, F. Guinel and L. Vasseur. 2019. Abiotic and biotic responses to cover crops and soil amendments in a vineyard. Plant Canada, July 8, 2019. University of Guelph. (Poster)
20. Christie, R., R. Honor, L. Vasseur and Guinel, F. 2019. Testing amendments and cover crops for improving soil health in vineyards. Plant Canada, July 8, 2019. University of Guelph. (Poster)
21. DeCock, M., B. May and L. Vasseur. Coastal adaptation to climate change: how to involve the community by looking at solutions through their eyes. MEOPAR Conference, Victoria, BC. June 12, 2019.
22. Vasseur, L. 2019. Combiner l'adaptation basée sur les écosystèmes avec la théorie du changement. Grand forum des communautés résilientes, l'heure est au bilan pour la Rés-Alliance, Quebec City, 5 juin 2019.
23. May, B., M. DeCock and L. Vasseur. 2019. Co-creating knowledge to increase social-ecological system resilience: The town of Lincoln, Ontario. ACCESS 2019 Conference, Halifax, May 4-6, 2019.

24. Hughes, M, and L. Vasseur. 2019. The role of perimeter plantings in vineyard ecology. Mapping New Knowledge Conference. Brock University. April 11, 2019.
25. Hughes, M, and L. Vasseur. 2019. The role of perimeter plantings in vineyard ecology. Grape Grower Spring Workshops, 2019 Niagara Meeting: Rittenhouse Hall, OMAFRA, (4890 Victoria Avenue N, Vineland Station), Friday April 5, 2019
26. Peng, L. L. Wang, L. Vasseur and M. You. 2019. Identification of Halloween genes and functional analysis of a potential target for pest management in *Plutella xylostella*. Eighth International Conference on Management of the Diamondback Moth and Other Crucifer Insect Pests. Shenhua, Tainan, Taiwan, March 4-8, 2019.
27. Vasseur, L. 2019. Ensuring the integration of women of all ages in post-secondary science education. 4th International Conference for World Balance. January 28-31. Jose Marti Project of International Solidarity. Havana, Cuba. Presentation in the “Taller interregional de Cátedras UNESCO y Cátedras Martianas”. January 31, 2019
28. Lin, M., G. Yang, L. Vasseur, G. M. Gurr, L. Shi and M. You. 2018. The wetting property of *Empoasca onukii* Matsuda and the potential impact on the pesticide application. Fujian Academy of Agricultural Sciences Conference, Fuzhou. November 11, 2018 (poster).
29. Lin, S., M. You and L. Vasseur. 2018. Higher taxa surrogate species to rapidly assess effects of Bt rice on spider assemblages. Fujian Academy of Agricultural Sciences Conference, Fuzhou. November 11, 2018 (poster).
30. Xia, X., G.M. Gurr, L. Vasseur and M. You. 2018. Metagenomic sequencing of diamondback moth gut microbiome unveils key holobiont adaptations for herbivory. Fujian Academy of Agricultural Sciences Conference, Fuzhou. November 11, 2018 (poster).
31. He, W., M. You, L. Vasseur, G. Yang, M. Xie, K. Cui, J. Bai, C. Liu, X. Li, X. Xu and S. Huang. 2018. Developmental and insecticide-resistant insights from the de novo assembled transcriptome of the diamondback moth, *Plutella xylostella*. Fujian Academy of Agricultural Sciences Conference, Fuzhou. November 11, 2018 (poster).
32. Rosero Obando, G.A., A. Paucar S., L. Vasseur and M. Echeverria. 2018. Evaluation of soil organic carbon in the paramo ecosystem of Chimborazo River micro-basin based on anthropogenic activities. VI International Seminar on Alternative Energy and the Environment and II Latin-american-Chinese Workshop on Clean Energy and Climate Change – ISAE 2018. Galapagos Island, Ecuador. October 10-13, 2018.
33. VanVolkenburg, H., Vasseur, L., and Guinel, F. Understanding the influences of cover crops and agrominerals as soil management alternatives in vineyard’s diversity. Botany 2018, Rochester Civic Center, Rochester, Minnesota, 21-25 July 2018.
34. Hughes, M. and L. Vasseur. 2018. The role of perimeter plantings in vineyard ecology. Canadian Society of Ecology and Evolution. University of Guelph. July 19, 2018.
35. Hughes, M., L. Vasseur and J. Willwerth. 2018. Landscape ecology of *Falco sparverius* (American kestrel). Ontario Ecology, Ethology, and Evolution Conference, Wilfrid Laurier University. May 11, 2018.
36. Krueger, A., F. McCarthy, M. Schuler, P. M. Pilkington, K. Kornecki, C. Garner, L. Vasseur, R. Relyea, M. Katz and L. Eichler. 2018. A Dinoflagellate’s Journey Through the Water Column: Monitoring Water Quality in Lake George. 61st Annual Conference on Great Lakes Research, International Association for Great Lakes Research, University of Toronto – Scarborough. June 18-22, 2018.
37. Vasseur, L. 2018. Returning to the Workforce. CCWESTT 2018 Conference, Edmonton. June 1st, 2018.
38. Vasseur, L. 2018. Ecosystem-based climate change adaptation and mitigation: learning and sharing among cultures. Communities, Conservation and Livelihoods International Conference, St Mary’s University, Halifax, NS May 30, 2018.
39. Vasseur, L. 2018. Ecosystem governance in biosphere reserves for better conservation and livelihoods. Communities, Conservation and Livelihoods International Conference, St Mary’s University, Halifax, NS May 30, 2018.
40. Christie, R., F. Guinel and L. Vasseur. 2018. The agromineral Spanish River Carbonatite, an alternative to chemical fertilizers? Laurier Research Day, Wilfrid Laurier University, Waterloo. (1st Place Best Presentation (Graduate student)). April 8, 2018.

41. Krueger, A., F. McCarthy, M. Schuler, P. M. Pilkington, K. Kornecki, C. Garner, L. Vasseur, R. Relyea, M. Katz and L. Eichler. 2018. Dinoflagellates in Lake George: - From the water column to the lakebed. 2018 Geological Society of America Northeastern Section Meeting, Lake Champlain Exhibition Hall, Vermont, USA. Sunday, 18 March 2018.
42. Vasseur, L., M. Jones and A. Andrade. 2018. Understanding vulnerability from a social-ecological system perspective to enhance resilience for ecosystem-based adaptation and disaster risk reduction: finding a path of acceptance. Research Committees session "Climate Change's Role in Disasters and Disaster Risk Reduction", XIX International Sociological Association World Congress of Sociology. Toronto. July 17, 2018.
43. Krueger, A. M., F.M. G. McCarthy, L. Vasseur, J.B. Hubeny, M.S. Schuler, and A. Paterson. 2017. A dinoflagellate's sedimentary journey: from the water column to the lakebed. 11th International Conference on Modern and Fossil Dinoflagellates, Bordeaux University, Bordeaux, France, July 15, 2017.
44. VanVolkenburg, H., F.C. Guinel and L. Vasseur. 2017. Understanding multitrophic interactions in a vineyard Step:1. Canadian Botanical Association Annual Meeting, Wilfrid Laurier University. July 6, 2017.
45. Christie, R.V., L. Vasseur and F.C. Guinel. 2017. Microbial abundance and diversity as impacted by the agromineral, Spanish River Carbonatite. Canadian Botanical Association Annual Meeting, Wilfrid Laurier University. July 6, 2017.
46. VanVolkenburg, H., F.C. Guinel and L. Vasseur. 2017. Understanding multitrophic interactions in vineyards exposed to different diversification and alternative ecological systems. Ontario Ecology, Ethology, and Evolution Conference, Queens University. May 22, 2017.
47. Vasseur, L. 2017. What is ecosystem-based adaptation? Session on integrating cultural and social aspects in ecosystem-based adaptation to climate change. Annual General Meeting of the Canadian Commission for UNESCO, Montréal, May 26, 2017.
48. Vasseur, L. 2016. Expecting mother in a dangerous environment: is the support always there? INWES Regional Conference Europe 2016. Freising, Germany. November 4-6, 2016. Presented on November 5.
49. Plante, S., L. Vasseur, C. Guenette and C.M. Janzen. 2016. Working with community, not for them! Marine Environmental Observation Prediction and Response Network. Meeting the Challenges of our Changing Ocean conference, Ottawa. September 27, 2016.
50. Vasseur, L. and S. Plante. 2016. Improving social-ecological governance in Atlantic Canada communities to adapt to climate change (poster). Adaptation Futures 2016, Rotterdam, Netherlands, May 9-13, 2016 (accepted but declined due to cost).
51. Plante, S. and L. Vasseur. 2016. Renforcement des capacités de gouvernance et de résilience des communautés côtières de l'estuaire et du golfe du Saint-Laurent à l'heure des changements climatiques. Adaptation Canada 2016 Symposium, Ottawa. April 11-14, 2016.
52. Vasseur, L. and J. Liu. 2015. Conservation and restoration of ecosystem functions and human wellbeing. First World Forum of Ecosystem Governance, Beijing, China. October 26, 2015.
53. Vasseur, L. and X. Wang. 2015. Governing ecosystems to achieve the UN Sustainable Development Goals. First World Forum of Ecosystem Governance, Beijing, China. October 25, 2015.
54. Baird, J., Plummer, R., Bullock, R., Dupont, D., Heinmiller, T., Jollineau, M., Kubik, W., Renzetti, S., and Vasseur, L. 2015. Contemporary water governance: navigating crisis response and institutional constraints through pragmatism. Brock University Research Celebration, St. Catharines, Ontario, Canada. February 10, 2015.
55. Vasseur, L. 2014. Combining ecosystem-based adaptation, disaster risk reduction and mitigation to food security through diversification. World Parks Congress, Sydney Australia. November 14, 2014.
56. Vasseur, L., K. Newman and A. Sidhu. 2014. Too many choices are not good for diamondback moth: they may not select the best for them. Key note speaker, Session 4. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou, China, October 28-31, 2014.
57. Lai, R, M. You, C. Zhu, L. Vasseur, G. Yang and X.J. Zhong. 2014. Garlic intercropping as a promoter of *Aphidius gifuensis* Ashmead (Hymenoptera: Aphidiidae) in tobacco fields. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou, China, October 28-31, 2014.

58. Peng, L., M.M. Zou, N. Ren, M. Xie, L. Vasseur, Y.F. Yang, W. He, G. Yang, G.M. Gurr, Y.M. Hou, S. You and M. You. 2014. Life table analysis reveals manifold effects of inbreeding on the population fitness in *Plutella xylostella*. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou, China, October 28–31, 2014.
59. Zheng, Y., J. Li, G. Yang, S. You, G.M. Gurr, L. Vasseur and M. You. 2014. Fine-scale genetic variation of the rice stem borer, *Chilo suppressalis* (Lepidoptera: Crambidae) in a rice-based landscape. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou, China, October 28–31, 2014.
60. Shi, L., Z. Zeng, H. Huang, Y. Zhou, L. Vasseur and M. You. 2014. Tea leafhopper identification and sampling methods: implications in estimating population abundance. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou, China, October 28–31, 2014.
61. Zou, M., L. Peng, W. He, Y. Yang, J. Wang, X. Ma, L. Vasseur, G. Yang and M. You. 2014. Molecular characterization and differential expression profiling of vitellogenin in the diamondback moth, *Plutella xylostella*. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou, China, October 28–31, 2014.
62. You, Y., M. Xie, N. Ren, X. Cheng, J. Li, X. Ma, M. Zou, L. Vasseur, G.M. Gurr and M. You. 2014. Characterization and expression profiling of glutathione S-transferases in the diamondback moth, *Plutella xylostella* (L.). International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM), Fuzhou, China, October 28–31, 2014.
63. Plante, S., L. Vasseur, and A. Verville. 2014. Les enjeux de la gouvernance pour l'adaptation aux changements climatiques dans les communautés côtières. Forum Saint-Laurent – L'adaptation aux changements climatiques. Québec City, October 29-30, 2014. (poster)
64. Baird, J., Plummer, R., Bullock, R., Dupont, D., Renzetti, R., Heinmiller, T., Jollineau, M., Kubik, W., and Vasseur, L. 2014. "Resilience perceptions and governance approaches: a lens for investigating water dilemmas". Climate Adaptation and Water Governance Seminar, Stockholm Environment Institute, University of York, York, UK. June 27, 2014.
65. Vasseur, L. (and contributors at Brock). 2014. Scientifically Yours: a camp where girls explore opportunities through projects and mentorship. International Conference of Women Engineers and Scientists, Los Angeles, USA. October 21-25, 2014 (accepted, poster).
66. Vasseur, L. and J. Dehaan. 2014. Lettuce – onion interactions: competition or facilitation? Canadian Botanical Association Annual Meeting, Montreal, June 16.
67. Plante, S. and L. Vasseur. Participatory Action Research a way to Co-construct a Community Resilience Plan in Climate Change and research program: Outcome of CCC-CURA. Bridging Coastal Communities: Climate Change Adaptation, ESAC, Brock University, May 27 2014.
68. Lin, Y.A. and L. Vasseur. 2014. How competition, facilitation and adaptation do interactions drive productivity in diverse the crop fields? Ontario Ecology, Ethology and Evolution Conference, University of Guelph, ON. May 10, 2014.
69. Newman, K. and L. Vasseur. 2014. Diamondback moth females are bad mothers, and their offspring make bad choices, too. Ontario Ecology, Ethology and Evolution Conference, University of Guelph, ON. May 10, 2014.
70. Vasseur, L., J. Baird, R. Bullock, D. Dupont, T. Heinmiller, M. Jollineau, W. Kubik, R. Plummer, and S. Renzetti. 2014. Resilience and governance: stakeholder perceptions and climate change adaptation efforts in the Niagara River Watershed. 3rd Conference on Transboundary Waters Management in a context of climate change, Quebec City, May 8, 2014.
71. Vasseur, L. 2014. Keynote speaker. Facing climate change through sustainable agriculture: Can results from China be transferred to Africa? International Workshop on Ecology, Agriculture and Pest Management, Fujian Agriculture and Forestry University, Fuzhou, China. April 21, 2014.
72. Yao, F.L., M. You, L. Vasseur, G. Yang, and Y. Zheng. 2014. Polycultural manipulation for better regulation of planthopper populations in irrigated rice-based ecosystems. International Workshop on Ecology, Agriculture and Pest Management, Fujian Agriculture and Forestry University, Fuzhou, China. April 21, 2014.

73. Chen, L.L., L. Vasseur, and M. You. 2014. Cover crops in tea enhance saprophages and natural enemies and suppress pests. International Workshop on Ecology, Agriculture and Pest Management, Fujian Agriculture and Forestry University, Fuzhou, China. April 21, 2014.
74. Sidhu, A. and L. Vasseur. 2014. Food preference of diamondback moth (*Plutella xylostella*) exposed to radish leaves of different ages. Environmental Sustainability Students Conference, Western University, London, ON. April 9-10, 2014.
75. Lin, Y.A. and L. Vasseur. 2014. Can Intercropping Help Ensure Crop Productivity and Agricultural Sustainability? Environmental Sustainability Students Conference, Western University, London, ON. April 9-10, 2014.
76. Hakimi Rezaei, K. and L. Vasseur. 2014. Allelopathic potential of a common weed in Canada, *Amaranthus hybridus*. Environmental Sustainability Students Conference, Western University, London, ON. April 9-10, 2014.
77. Johnston, K., L. Vasseur, B. Ruck and Y. Hopkins. 2014. Using Grass Pickerel to Understand the Ecology of Disturbance in Highly Modified Wetland Drains. Great Lakes Wetlands Conference, Toronto. February 2014.
78. Znajda, S., L. Vasseur and L. Nield. 2013. Measuring Sustainability Success: Challenges and Moving Forward. Sustainability Exchange Conference, Collingwood, ON. November 7.
79. Newman, K. and L. Vasseur. 2013. Food and Oviposition Preference in Diamondback Moth. Ontario Pest Management Conference, Guelph, ON. November 2.
80. You, M., K. H. Rezaei, and L. Vasseur. 2013. Allelopathic potential of a common weed in Canada, *Amaranthus hybridus*. International Congress of Biological Invasions. Qingdao, China. October 25.
81. Znajda, S. K., Vasseur, L. and Nield, L. 2013. Challenges and Opportunities in Defining and Measuring "Success" in Community Sustainability Planning. Community Indicators Conference - Impact Summit, Chicago, USA. October 17, 2013.
82. Znajda, S. K., Vasseur, L. and Nield, L. 2013. Challenges and Opportunities in Defining and Measuring "Success" in Community Sustainability Planning. Paper presented at the Canadian Evaluation Society Annual Meeting, Toronto, Ontario. June 2013.
83. Zheng, Y., M. You, J. Jiao, J. Li, L. Vasseur and F. Yao. 2013. Effect of fine scale landscape corridors on spiders and pest control service. Session 30. Rice ecosystems and their ecosystem services. Sixth international Ecosystem Services Partnership conference, Bali, Indonesia. August 26-30, 2013.
84. Vasseur, L. 2013. Linking the mandates of a Biosphere Reserve to student experience in ecology. Canadian Botanical Association meeting, Thompson River University, Kamloops, BC, June 1-5, 2013.
85. Vasseur, L. and S. Merza. 2013. Responses of *Euthamia graminifolia* to extreme rain events and droughts. Canadian Botanical Association meeting, Thompson River University, Kamloops, BC, June 1-5, 2013.
86. Da Cunha, C., S. Plante and L. Vasseur. 2013. Integrating the role of participatory action research and governance into resilience and socio-ecological assessment. 10th International conference of the European Society for Ecological Economics, Centre Lillois d'Etudes et Recherches Sociologiques et Economiques (CLERSE, UMR 8019, CNRS-Université Lille1) and Reims Economie Gestion Agro-Ressources et DurabilitéS (REGARDS, EA 6292, Université de Reims Champagne-Ardenne), Lille, France, June 18 - 21 2013.
87. Vasseur, L. and M. You. 2012. Using biodiversity principles in China for a more sustainable agriculture. 4th International Ecosummit Ecological sustainability: restoring the planet's ecosystem services. Columbus, Ohio. October 1st, 2012. (invited for preparation of a manuscript)
88. Simmons, J.A. M. Anderson, W. Dress, C. Hanna, D.J. Hornbach, A. Janmaat, F. Kuserk, J.G. March, T. Murray, J. Niedzwiecki, D. Panvini, B. Pohlad, C. Thomas, and L. Vasseur. 2012. Effect of riparian shade on stream water temperature: A collaboration among eleven primarily undergraduate institutions. Ecological Society of America. Portland, USA. August 3-7.
89. Vasseur, L. 2012. Recap of the first day of the meeting: where to go from here? Atlantic Lobster Sustainability Foundation Annual Meeting, Moncton, NB. July 23, 2012.
90. Vasseur, L. 2012. Considerations of climate and environmental changes in the sustainability of the lobster fisheries. Atlantic Lobster Sustainability Foundation Annual Meeting, Moncton, NB. July 23, 2012.

91. Vasseur, L. 2012. Getting students involved in biostatistics through projects: allowing students to build on their knowledge. Joint conference of the Botanical Society of America and Canadian Botanical Association. Columbus, Ohio. July 10, 2012 (invited by the teaching section)
92. Vasseur, L., L. Chen and M. You. 2012. Responses of plant productivity in a tea plantation with or without intercropping. Joint conference of the Botanical Society of America and Canadian Botanical Association. Columbus, Ohio. July 9, 2012
93. Da Cunha, C., S. Plante, L. Vasseur. 2012. Le suivi de la résilience de communautés côtières : base théorique et conceptuelle et implications des gens. Coastal Zone Canada 2012. Rimouski. June 11, 2012.
94. Vasseur, L. 2012. Lobster fisheries and its coastal communities in Atlantic Canada in the face of climate and environmental changes. Coastal Zone Canada 2012. Rimouski. June 12, 2012.
95. Da Cunha, C., S. Plante, L. Vasseur. 2012. Le suivi de la résilience de communautés côtières comme moyen d'évaluation des effets de la recherche action participative. ACFAS Palais des congrès - 520A. 11 mai 2012.
96. Vasseur, L., C. Deschênes, J.d'A. Gaudet and L. Lafortune. 2012. Sensitizing teachers to gender issues in sciences classes: can it help encourage girls to sciences? CCWESTT, Halifax. May 3rd, 2012.
97. Baztan, J, et al. (115 researchers from 30 countries in alphabetical authors). 2012. Coastal Zones 21st Century Challenges Working Group *Abstract No. 2433: "Coastal Zones: 21st Century Myths and Challenges"*. Planet Under Pressure Conference. March 26-29, London, UK.
98. Da Cunha, C., S. Plante, L. Vasseur. 2012. Monitoring of coastal community resilience as a way to assess the impacts of participatory action research in climate change adaptations. 12th Biennial Conference of the International Society for Ecological Economics and Rio +20: contributions and challenges for a green economy. 29 May - 1 June, 2012 in Rio de Janeiro, Brazil.
99. Da Cunha, C., S. Plante, L. Vasseur. 2011. Évaluation de processus de recherche action participative : Coconstruction d'indicateurs de suivi de la résilience des communautés côtières face aux effets des changements climatiques. 80^e Congrès de GIS, Paris, France, October 2011.
100. Vasseur, L. 2011. Climate change and coastal communities in Atlantic Canada. Science Workshop for Lobster Stakeholders: Sustainable Growth of Atlantic Lobster, Delta Beauséjour Hotel, Moncton, July 26, 2011.
101. Vasseur, L. 2011. Impact of climate change on lobster. Science Workshop for Lobster Stakeholders: Sustainable Growth of Atlantic Lobster, Delta Beauséjour Hotel, Moncton, July 27, 2011
102. Browne, A. and L. Vasseur. 2011. Rate and form of native and exotic plant recolonization after disturbance of forest communities in southern Ontario. Plant Canada, July 17-21, 2011, Halifax.
103. Vasseur, L. 2011. Assessing the health of our ecosystem. Socio-ecological Inventories: Building Resilience to Environmental Change within Biosphere Reserves Workshop. March 7, 2011. Brock University.
104. DeLusca, K. C. Bryant, L. Vasseur and B. Singh. 2010. Vulnerability assessment of the agriculture sector to climate change in the least developed countries: Toward a more holistic and non-traditional approach. Environmental Change and Migration: From Vulnerabilities to Capabilities. ESF-ZiF-Bielefeld Research Conference. Bad Salzuflen, Germany. 5-9 December 2010.
105. Vasseur, L., You, M, Régnière, J. and Zheng, Y. 2010. Visualizing species diversity changes in communities: a different approach. 95th Ecological Society of America, Pittsburg, PA, USA. August 1 - 6, 2010.
106. McMillan, E. and L. Vasseur. 2010. Environmental Education: Interdisciplinarity in Action. The 5th International Conference on Interdisciplinary Social Sciences. University of Cambridge, Cambridge, United Kingdom, August 2-4, 2010.
107. Vasseur, L. 2010. Moving from research into action on issues of climate change for a Canadian community: integration of sciences into decision making. Second International Conference on Climate Change. Common Ground Publishing. Brisbane, Australia. July 8-10, 2010.
108. Vasseur, L., Y. Ouédraogo, C. Tranchant and A. Thiombiano. 2010. Protéger la biodiversité : la survie des écosystèmes et de l'humain face au changement climatique. Colloque international sur la crise environnementale. CEPAPE, Université de Ouagadougou, Burkina Faso. March 4-5, 2010.

109. Vasseur, L. M. Lanteigne, and J. Nuckle. 2009. Germination variation between exotic and native species in various conditions. Canadian Botanical Association, Acadia University, Wolfville, Nova Scotia. May 19, 2009.
110. Vasseur, L. S. Pouzet, J.-M. Dubois, L. Provencher, A. Poulin and E. Tremblay. 2008. Biophysical characterization of abandoned fields in Kouchibouguac National Park of Canada: development of a long term monitoring program. Botanical Society of America- Canadian Botanical Association joint meeting, Vancouver, BC. August 2008.
111. Wyszynski, E. and L. Vasseur. 2008. Assessing Population Demography of Eastern White Cedar (*Thuja occidentalis*) in the Sudbury region. Botanical Society of America- Canadian Botanical Association joint meeting, Vancouver, BC. August 2008.
112. Vasseur, L. 2007. Coastal communities and climate change: vulnerabilities and complexity in adaptation measures. Ocean Management Research Network 2007 Conference. Ottawa. October 2007.
113. Vasseur, L. and N. Catto 2007. A synopsis of the Atlantic Chapter of the National Climate Change Assessment. Ocean Management Research Network 2007 Conference. Ottawa. October 2007.
114. Vasseur, L. 2007. Climate change assessment in Atlantic region: the case study of the traditional coastal plants in Elsipogtog. Ocean Management Research Network 2007 Conference. Ottawa. October 2007.
115. Duclos, G. and L. Vasseur. 2006. Population dynamics of Gulf of St. Lawrence Aster (*Symphyotrichum laurentianum*) in New Brunswick, With a New Twist. Canadian Botanical Association, Montréal. June 2006.
116. DeLusca, K., L. Vasseur and O. Chouinard. 2006. Marées de tempête et communautés à risques dans le sud-est du Nouveau-Brunswick: Cas de la communauté de Pointe-du-Chêne. ACFAS, Montréal. Mai 2006.
117. Duclos, G. and L. Vasseur. 2006. Variation morphologique de deux asters sur les dunes du sud du Golfe du saint Laurent. ACFAS, Montréal. Mai 2006.
118. Duclos, G. and L. Vasseur. 2005. Distribution and population variation of *Symphyotrichum laurentianum*, a rare endemic plant of Canada. Ecological Society of America and International Ecological Colloquium Joint Meeting, Montréal. August 9, 2005.
119. Lanteigne, M., L. Vasseur and J. Nuckle. 2005. Morphological and seed ecology and characteristics of reed canarygrass (*Phalaris arundinacea* L.). Ecological Society of America and International Ecological Colloquium Joint Meeting, Montréal. August 8, 2005.
120. Gallant, D., L. Vasseur, E. Tremblay and C.H. Bérubé. 2005. Potential use of river otter as species indicator for evaluating ecological integrity. Ecological Society of America and International Ecological Colloquium Joint Meeting, Montréal. August 10, 2005.
121. Dallaire, R., LeBlanc, D. I., Tranchant, C. C., L. Vasseur, Delaquis, P. and C. Beaulieu. 2005. Dynamic Assessment of the Microbial Quality of Fresh Broccoli in a Food Supply Chain. International Association for Food Protection Annual Meeting. Baltimore, Maryland. August 14-17, 2005.
122. Coomber, C., Bishay, F. Vasseur L., and St-Jean S.D. 2005. Reproductive cycle and possible energy index for the blue and bay mussels of Burrard Inlet, BC: potential use in EEM caged bivalve programs. Canadian Water Research Conference, York University. November 2005.
123. Gunn, J., C. Greco, L. Vasseur, C. Salazar, B. Lautenbach, and L. Hildebrand. 2005. The City of Greater Sudbury, Canada emerges as a model for sustainability. International Restoration Symposium, Prague. May 2005.
124. Lanteigne, M. and L. Vasseur. 2005. Morphological and seeds characteristics of reed canarygrass (*Phalaris arundinacea* L.). Thirteenth Annual Graduate Student Association Conference on Student Research, Univ. New Brunswick, Fredericton. February 26, 2005
125. Pouzet, S., J. Dubois, L. Provencher and L. Vasseur, 2004. Méthode de suivi des anciennes terres agricoles du Parc national du Canada Kouchibouguac. Les parcs nationaux canadiens: évolution des milieux et intégration dans le milieu régional Session 2 : Les méthodes de suivi. Congrès annuel de l'Association canadienne des géographes. Université de Moncton, 27 mai 2004.
126. Delusca, K., O. Chouinard, M. Tremblay and L. Vasseur, 2004. Le défi posé aux collectivités locales par les effets des changements climatiques Les effets des marées de tempête sur les communautés côtières du Sud-Est du N.-B. General session Climatology and sustainable development. Congrès annuel de l'Association canadienne des géographes. Université de Moncton, 27 mai 2004.

127. Delusca, K., O. Chouinard, M. Tremblay and L. Vasseur, 2004. Changements climatiques et l'érosion côtière - Effets des ondes de tempêtes sur l'érosion des côtes Sud-Est du Nouveau-Brunswick General session Climatology and sustainable development. Congrès annuel de l'Association canadienne des géographes. Université de Moncton, 27 mai 2004.
128. Vasseur, L. 2004. Le développement durable face au changement climatique. Des défis à venir? Special session - Community Vulnerability to Climate Variability and Change III Developing World and Rural Areas Co-sponsors: Canadian Climate Impacts and Adaptation Research Network. Congrès annuel de l'Association canadienne des géographes. Université de Moncton, 27-28 mai 2004.
129. Duclos, G., Vasseur, L. and Tremblay, E. 2004. Revisiting *Symphyotrichum laurentianum* populations, an endemic species of the Gulf of St Lawrence. Canadian Botanical Association meeting, Winnipeg. June 26-29, 2004.
130. Pruneau, D., Doyon, A., Langis, J., Martin, G., Vasseur, L. and Ouellet, E. 2004. Vivre des actions environnementales : motivations, aides, limites. Colloque Le croisement des savoirs au cœur des recherches en éducation relative à l'environnement, ACFAS, Montréal, mai 2004.
131. Dallaire, R., C. Tranchant, D. I. LeBlanc, B. Goguen, C. Beaulieu, M. Taylor, L. Vasseur, P. Maltais, P. Delaquis and K. McRae. 2004. Assessment of the microbial safety of selected fresh fruits and vegetables throughout a distribution system. Canadian Institute of Food Science and Technology (CIFST) and Agriculture and Agri-Food Canada (AAFC) Joint council – University of Guelph, ON. 16-19 mai 2004.
132. Pruneau, D., A. Doyon, J. Langis, L. Vasseur, E. Ouellet, G. Martin and G. Boudreau 2003. The process of change experienced by teachers and students when trying behaviours respectful of the climate. Conférence EMAN (Ecological Monitoring and Assessment Network. Halifax, N.-É. Octobre 2003.
133. Mazerolle, D. M., L. Vasseur, and E. Tremblay 2003. Survey, assessment of Kouchibouguac National Park's exotic flora: towards the development of a management strategy. Plant Canada Conference. St. Xavier University, Antigonish, N. S. Juin 2003.
134. LeBlanc, S., D. M. Mazerolle, L. Vasseur and E. Tremblay. 2003. Change in vegetation communities in the salt marshes of Kouchibouguac National Park of Canada. Plant Canada Conference. St. Xavier University, Antigonish, N. S. Juin 2003. (mention honorable pour le prix de l'ABC« Iain and Sylvia Taylor poster award » pour la présentation de son affiche).
135. Pruneau, D., A. Doyon, J. Langis, L. Vasseur, E. McLaughlin, E. Ouellet and G. Martin. 2003. Mutants' stories : Teachers experimenting new environmental behaviours. Congrès annuel de l'Association canadienne des géographes. Summerside, IPÉ. September 2003.
136. Morrison, I., L. Vasseur, S. O'Grady and N. Green. Workshop, University of Victoria, Victoria B.C. Title: «Human Use Management and Volunteer Contributions to a Campground Rehabilitation Project (SAMPAA). May 13, 2003.
137. Vasseur, L., I. Morrison, S. O'Grady and N. Green. 2003. Workshop, University of Victoria, Victoria, B. C. Title: «The Use of Ecosystem Indicators for the Assessment and Management Planning of a Campground Rehabilitation Project». May 13, 2003.
138. O'Grady, S., L. Vasseur, I. Morrison and N. Green. 2003. Workshop, University of Victoria, Victoria, B. C. Title: «A Campground Rehabilitation Information Management System and Mapping Application». May 13, 2003.
139. Dallaire, R., C. Tranchant, D. Leblanc, B. Goguen, C. Beaulieu, M. Taylor, L. Vasseur, P. Maltais, P. Delaquis and K. McRae. 2002. Assessment of the microbial safety of selected fruits and vegetables throughout a distribution system. Canadian Food Science annual meeting. Truro, NS. October 29-30, 2002.
140. Vasseur, L. 2002. Potential impacts of climate change in the Atlantic region. C-CIARN Atlantic workshop, Saint John's, Newfoundland. September 16, 2002.
141. Vasseur, L. 2002. Population flexibility and low allozymic variation in the two disjunct populations of *Hydrocotyle umbellata* in Canada. Botanical Society of America- Canadian Botanical Association joint meeting, Madison, Wisconsin. August 5, 2002.
142. Vasseur, L. 2002. Sustaining Plant Biodiversity in Acadian Forest Ecosystems and Current Forest Management Practices. Healthy Ecosystems Healthy People Conference, International Society of Ecological Economics and International Society of Ecosystem Health, Washington, DC, June 7-10, 2002.

143. Vasseur, L. 2002. Biodiversity Monitoring Plots: How to Link Communities to Ecosystem health? Case Study in China and Vietnam. Healthy Ecosystems Healthy People Conference, International Society of Ecological Economics and International Society of Ecosystem Health, Washington, DC, June 7-10, 2002.
144. Vasseur, L. 2002. Kejimikujik National Park visitor impact assessment and rehabilitation: ecosystem linkage assessment and monitoring protocol in Jeremy's Bay campground. Ecological Monitoring and Assessment (Environnement Canada). National science meeting 2002, April 9-14, 2002, Château Cartier, Gatineau (Québec).
145. Mazerolle, D., E. Tremblay and L. Vasseur. 2002. L'inventaire des espèces invasives dans le parc national Kouchibouguac. Ecological Monitoring and Assessment Network (Environnement Canada). National science meeting 2002, April 9-14, 2002, Château Cartier, Gatineau (Québec).
146. Vasseur, L. 2001. Ecology and genetic diversity in *Hydrocotyle umbellata*. Kejimikujik Fall 2001 Conference. Kejimikujik National Park, Maitland, NS. November 21.
147. Brooks, K. and L. Vasseur. 2001. Campground ecosystem model and assessment protocols for Kejimikujik National Park – CEAA project. Kejimikujik Fall 2001 Conference. Kejimikujik National Park, Maitland, NS. November 22.
148. Vasseur, L. 2001. Distribution, ecology and diversity in the two *Hydrocotyle umbellata* populations in Nova Scotia. Species at Risk Meeting, Halifax, NS. October 26, 2001.
149. Vasseur, L. 2000. Invasive plants in Seaside Adjunct of Kejimikujik National Park. Kejimikujik Fall 2000 Conference. Saint Mary's University, Halifax, NS. November 25/26.
150. Brunet, M. and L. Vasseur. 2000. Plant community assessment and incidence of invasive species along the roads and the playgrounds of Kejimikujik National Park. Kejimikujik Fall 2000 Conference. Saint Mary's University, Halifax, NS. November 25/26.
151. Vasseur, L. 2000. Distribution and ecology of *Hydrocotyle umbellata* in Kejimikujik National Park, Nova Scotia. CBA/CSPP Joint meeting. London, Ontario. June 24-28.
152. Moola, F. and L. Vasseur. 2000. Impacts of clearcut logging on forest structure and understory vegetation of *Picea rubens* (red spruce) forests of Nova Scotia. CBA/CSPP Joint meeting. London, Ontario. June 24-28.
153. Reyes, G. and L. Vasseur. 2000. Examining the response over time of red spruce (*Picea rubens* Sarg.) to clearcutting of red spruce-balsam fir stands located in Queens County, Nova Scotia. CBA/CSPP Joint meeting. London, Ontario. June 24-28.
154. Vasseur, L. 2000. Community-based conservation management in China and Vietnam: integration of social sciences into the process of decision-making. Ecosystem health and human health working group. EcoSummit 2000, Halifax, June 18-22.
155. Vasseur, L. 2000. Sustainability of the freshwater aquatic ecosystem in Cambodia: should we change the conditions? EcoSummit 2000, Halifax, June 18-22.
156. Huang, B.Q., H. Hong and L. Vasseur. 2000. Picoplankton community structure in subtropical coastal Ocean of China. EcoSummit 2000, Halifax, June 18-22.
157. Vasseur, L. 2000. Interpretation of climatic changes at the provincial scale using phenological data. Conférence scientifique nationale. Réseau d'Évaluation et de Surveillance Ecologique, Environnement Canada. Toronto, Ontario. January 19.
158. Huang, B.Q., H. Hong and L. Vasseur. 2000. Phytoplankton community variation in subtropical coastal ocean of China. Conférence scientifique nationale. Réseau d'Évaluation et de Surveillance Ecologique, Environnement Canada. Toronto, Ontario. January 19.
159. Vasseur, L. 1999. Distribution and ecology of *Hydrocotyle umbellata* in Kejimikujik National Park. Third Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 20/21.
160. Vasseur, L. 1999. Vegetation sampling protocol: comparison of SI/MAB and Modified Whitaker Plots in Kejimikujik National Park. Third Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 20/21.
161. Reyes, G. and L. Vasseur. 1999. Examining the response over time of *Picea rubens* Sarg. (L.) Mill. To clear-cutting of *Picea rubens-Abies balsamea* (L.) Mill. Stands found in Queens County, Nova Scotia. Third Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 20/21.

162. Moola, F. and L. Vasseur. 1999. Canopy gap disturbance in *Picea rubra* (red spruce) forests in Kejimikujik National Park. Third Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 20/21.
163. Vasseur, L. 1999. Recovery of a population of *Hepatica americana* in Nova Scotia, Canada. XVI International Botanical Congress, St-Louis, Missouri. August 1999.
164. Vasseur, L. 1999. The effect of population isolation on allozymic diversity of *Allium tricoccum* var. *burdickii*. XVI International Botanical Congress, St-Louis, Missouri. August 1999.
165. Moola, F. and L. Vasseur. 1998. Effects of clear cutting on the regeneration of red spruce in Nova Scotia. Second Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 21/22.
166. Vasseur, L. and P. Beckerson. 1998. Ground vegetation assessment of the campground for future implementation plan and monitoring of human activities. Second Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 21/22.
167. Konoff, C. and L. Vasseur. 1998. Morphological differentiation of populations of *Euthamia* sp. around the Kejimikujik Lake and aspects for future conservation management strategies. Second Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 21/22.
168. Vasseur, L. 1998. Demographic structure of three isolated populations of *Allium tricoccum* var. *burdickii* in Nova Scotia. CBA/ABC Annual Meeting, Saskatoon. June 1998.
169. Duncan, S. and L. Vasseur. 1997. Reproductive ecology of a rare plant of Nova Scotia: *Allium burdickii*. CBA/BSA Joint Meeting, Montreal. American Journal of Botany 84: 99
170. Vasseur, L. 1997. Nova Scotia Plantwatch: Towards the analysis of a century of flowering monitoring. 3th National Science Meeting, Ecological Monitoring and Assessment Network, Environment Canada. Saskatoon, Saskatchewan.
171. Anseau, C., L. Lafrance, L. Vasseur and T. Audet. 1996. Application of the STOPER model: a transdisciplinary analysis of municipal sewage sludge management in a rural community. Ecological Summit 96, Copenhagen. August 19-26 1996.
172. Vasseur, L. and C. Potvin. 1996. Changes in grassland community composition under a three-year exposure to CO₂ enrichment. Ecological Society of America Annual Meeting, August 1996, Rhode Island, USA. Bulletin of the Ecological Society of America 77: 456.
173. Vasseur, L. and C. Potvin. 1996. Pasture community response to CO₂ enrichment. Canadian Botanical Association Annual Meeting.
174. Vasseur, L. and C. Anseau. 1996. Diversity in natural pasture community following municipal sewage sludge amendment. Conférence scientifique nationale. Réseau d'Evaluation et de Surveillance Ecologique, Environnement Canada. Halifax, Nova-Scotia. January 19.
175. Cloutier, C., L. Vasseur and C. Anseau. 1996. Impacts à court-terme de l'application de boues d'épuration sur la dynamique d'une forêt naturelle en régénération. Conférence scientifique nationale. Réseau d'Evaluation et de Surveillance Ecologique, Environnement Canada. Halifax, Nova-Scotia. January 17-20.
176. Vasseur, L., C. Beaulieu, M. St-Martin, C. Cloutier, C. Anseau and J.-N. Duff. 1996. Réponse de la communauté microbienne des sols forestiers et agricoles à l'épandage des boues résiduelles municipales. 11e Conférence Annuelle de la Région de l'Est de l'Association Canadienne de la Qualité de l'Eau. Sainte-Foy (Québec): 18.
177. Anseau, C., L. Vasseur. 1995. Impact de l'épandage des boues d'usine d'épuration sur la végétation : une étude de cas dans le développement du modèle STOPER (Stratégies d'Optimisation d'Ecosystèmes Régionaux). 11e Conférence Annuelle de la Région de l'Est de l'Association Canadienne de la Qualité de l'Eau. Sainte-Foy (Québec) : 16.
178. Vasseur, L. and C. Anseau. 1995. Response of natural pasture community to long-term municipal sewage sludge amendment. Ecological Society of America, Snowbird. July 31. Bull. ESA 76 (3-Suppl.): 11.
179. Vasseur, L. and C. Anseau. 1995. Response of natural pasture community to long-term municipal sewage sludge application as fertilizer. Annual Meeting, University of Guelph, Ontario. Proceedings of CSPP and CBA 38 (2): 33.

180. Anseau, C., L. Vasseur, F. Vandal, M. Séguin and P. DeConinck. 1994. Ecosystem management at the regional level: The case study of Lac-Mégantic municipal sewage sludge amendment. International Society of Ecological Economics. Costa-Rica. October 25.
181. Vasseur, L., P. DeConinck, J. St-Germain, M. Séguin, M. Chornet and C. Anseau. 1994. Managing the ecosystem at the regional level: a case study on municipal sewage sludge. ISEHM, Ottawa. June 22.
182. Vasseur, L. and C. Anseau. 1994. Modélisation de l'impact de la valorisation des boues résiduaires sur les écosystèmes forestiers et agricoles. ACFAS (Montreal) 62: 361.
183. Vasseur, L. and S.D. Murphy. 1993. Sexual reproduction and variation in floral morphology in *Hepatica acutiloba*. AIBS/CBA/BSA Meeting, Ames, Iowa. American Journal of Botany 80: 64
184. Vasseur, L., L.W. Aarssen and D.D. Lefebvre. 1992. Permanent and temporary allozymic changes in response to environmental variation in *Lemna minor*. Bull. of the Ecological Society of America Annual Meeting, Hawaii. 73: 373
185. Irwin, D., L. Vasseur and L.W. Aarssen. 1992. Offspring size versus offspring production rate in the evaluation of relative success in competition in *Lemna minor*. Bull. of the Ecological Society of America Annual Meeting, Hawaii. 73: 218.
186. Vasseur, L., D. Irwin and L.W. Aarssen. 1992. Intra- and inter-clonal interactions in *Lemna minor*: response to light and nutrient limitations. Ontario Ecological and Ethological Colloquium. Peterborough.
187. Murphy, S.D. and L. Vasseur. 1991. Pollen limitation in northern populations of *Hepatica acutiloba* DC. (Ranunculaceae). Ecological Society of America Annual Meeting, San Antonio, Texas.
188. Vasseur, L. and L. W. Aarssen. 1990. An adaptive interpretation of phenotypic plasticity in *Lemna minor*. Intecol, Yokohama, Japan.
189. Vasseur, L. and L. W. Aarssen. 1990. Predicting the plastic response to environmental variation: an adaptive interpretation. Bull. of the Ecological Society of America, Snowbird, Utah 71: 353.
190. Vasseur, L. and L. W. Aarssen. 1990. Pattern and amount of plasticity in *Lemna minor*. Canadian Botanical Association, Windsor, Ontario.
191. Vasseur, L., A. DiTommaso and L. W. Aarssen. 1989. Genotypic variation in response to a nutrient gradient in three grass species. American Journal of Botany 76: 141.
192. Vasseur, L. and L. W. Aarssen. 1989. Genotypic and environmental influences on phenotypic plasticity in four strains of *Lemna minor*. American Journal of Botany 76: 126.
193. Vasseur, L., D. Gagnon. 1988. Survival and growth of transplants of the understory herb, *Allium tricoccum*. 39th AIBS Annual Meeting: 186.
194. Vasseur, L., D. Gagnon and J. P. Simon. 1987. Isoenzymatic variation among populations and varieties of *Allium tricoccum* in southern Quebec. Bulletin of the Ecological Society of America 68: 437.
195. Vasseur, L., D. Gagnon et J. P. Simon. 1987. Etude de la variabilité intra- et inter-population chez l'ail des bois (*Allium tricoccum*) dans le sud du Québec. Association de Botanique du Canada, Montréal, Québec. June 1987.

d) Webinars

1. Vasseur, L. and T. Zuklin. 2021. Defining the principles of ecosystem governance. Sixth Dialogue of the Commission on Ecosystem Management of the International Union for Conservation of Nature. April 23, 2021 (virtual)
2. Vasseur, L. 2021. Ethics of publishing. (virtual). Graduate Seminar Series in Math and Science. Brock University. March 18, 2021.
3. Vasseur, L. 2021. Life after a PhD. (virtual) Science and Policy Exchange. February 18, 2021.
4. Vasseur, L. and J. Baker. 2021. Dialogue of Women in STEM, from life after a PhD to strategic orientations. (virtual). Brock University. February 11, 2021.
5. Vasseur, L., A. Necakov, C. Longboat and G. Forsythe. 2020. Dialogue on Open Science. Building Better Research Workshop Series. (virtual). December 15, 2020.
6. MadhavaRau, L., L. Vasseur and M. Francis. (order of presentations). 2020. Equity, diversity, and inclusion at Brock. Building Better Research Workshop Series. (virtual). December 9, 2020.

7. Andrade, A., E. Cohen-Shacham, C. Nelson, J. Siikamäki, L. Vasseur, P. McElwee, R. Murto and D. Hessenberger (order of presentations). 2020 IUCN Global Standard for Nature-based Solutions. Second Dialogue of the Commission on Ecosystem Management. November 17, 2020.
8. Fougères, D., A. Andrade, S. Maginnis, M. Jones, E. Cohen-Shacham, C. Nelson, D. Keith, E. Nicholson, L. Vasseur and P. McElwee. 2020. Transformative Conservation in Social-Ecological Systems. First Dialogue of the Commission on Ecosystem Management. November 3, 2020.
9. Andrade, A., C. Zambrana-Torrel, A. Luis, L. Vasseur, A. Eagle, I. Convery, C. Nelson (order of presentations). 2020. Exploring Restoration, Rewilding, and Human Health. Restoration Thematic Group of the Commission on Ecosystem Management of IUCN Webinar Series. June 19, 2020.
10. Vasseur, L. 2020. Bringing public engagement in landscape restoration: importance of ecosystem governance. Restoration Thematic Group of the Commission on Ecosystem Management of IUCN Webinar Series. March 13, 2020.
11. Vasseur, L. 2019. Assessing ecosystem services in biosphere reserves : presentation of the tool. Canadian Biosphere Reserve Association. June 10, 2019.
12. Vasseur, L. 2019. L'adaptation basée sur les écosystèmes : une solution plus durable pour faire face aux changements climatiques. Webinar for Res-Alliance. May 1st, 2019.
13. Vasseur, L. 2016. Les changements climatiques et l'agriculture : pensez-vous que votre nourriture favorite sera toujours là ? Webinar for Let's Talk Science with Laurentian University. October 16, 2016.
14. Vasseur, L. 2016. Climate change and agriculture: will your favourite food always be there? Virtual Research on Call Webinar with 490 high school students in Canada. March 3, 2016.
15. Vasseur, L. 2015. Solutions basées sur la nature : comment réconcilier l'adaptation des communautés à celles des écosystèmes pour une meilleure viabilité. Webinar for the Réseau des organismes de bassins versants du Québec. November 25, 2015.

e) Symposium/Workshop/Forum/Panel Organisation

1. Vasseur, L. and A. Andrade. 2021. Transforming Worldviews Through System Thinking. Transformations Conference 2021. Enabling Positive Tipping Points in an uncertain world. June 17, 2021.
2. Vasseur, L. and C. Daigle. 2021. Transforming Worldviews Through System Thinking. Transformations Conference 2021. Enabling Positive Tipping Points in an uncertain world. June 17, 2021.
3. Nelson, C, B. Walder, S. Edwards, J. Hallett, G. Gann, B. Blevins and L. Vasseur. 2021. Third Global Forum on Ecosystem Restoration. Session organized by Commission on Ecosystem Management of IUCN and Society of Ecological Restoration. International Conference on Ecological Restoration, Quebec City, Canada, June 21, 2021 (virtual).
4. Alain Webster, L. Vasseur, É. Deschênes, A.-Y. Parent. 2020. Responsible for the Theme: Changement climatique, écoresponsabilité et entrepreneuriat. Sommet international de l'éducation SIDE2020, Palais des congrès à Montréal, May 12-13, 2020 (postponed).
5. Vasseur, L. with C. Daigle as facilitator. 2019. Panel on Science: a human right. Celebration of Nations, St Catharines. September 8, 2019.
6. Daigle, C. with L. Vasseur as facilitator. 2019. Panel on Living in the Anthropocene. Celebration of Nations, St Catharines. September 8, 2019.
7. McDermott, L. and L. Vasseur. Canadian Biosphere Reserves Association Film Shorts - presentation and animation. Celebration of Nations, St Catharines. September 7, 2019.
8. Vasseur, L. and B. Herrera. 2019. "Ecosystem based Approaches in a changing world: Contributions from the IUCN Commission on Ecosystem Management". EuroParc, Hotel Jūrmala Spa, "Valdemārs" room, Riga, Latvia. September 27, 2019.
9. Nelson, C, B. Walder, S. Edwards, J. Hallett, G. Gann, I. Little and L. Vasseur. 2019. 2019 Global Forum on Landscape Restoration. Organized by Commission on Ecosystem Management of IUCN and Society of Ecological Restoration. Cape Town, South Africa, September 22, 2019.
10. Gurr, G., M. You and L. Vasseur. 2019. Symposium: Promoting biocontrol in small-holder agriculture. International Congress of Entomology (ICE 2020). Helsinki, Finland. March 2020 (accepted, postponed in 2021).

11. Vasseur, L. 2017. Workshop on sustainable agriculture through cover cropping and agrominerals. OMAFRA, Vineland, ON. November 27 and December 3rd, 2017.
12. Nelson, C, Edwards, S., J. Hallett, G. Gann, D. Horning, B. Walder and L. Vasseur. 2017. Forum on Biodiversity and Forest Landscape Restoration. Organized jointly IUCN_CEM and Society for Ecological Restoration. Recanto Cataratas Thermas Resort and Convention Centre, Foz Do Iguassu, Brazil. August 27, 2017.
13. Edwards, S., L. Vasseur, A. Andrade, P. Wit, E. Barrow, H. Yuanhui and G. Yufu. 2015. 1st World Forum on Ecosystem Governance - High Level Consultation Working Group -24 June 2015 followed by symposium at the EcoForum Global, Guiyang, China. June 25-26, 2015.
14. Vasseur, L. and A. Arsenault. 2014. Importance of long term research in ecology. Canadian Botanical Association Annual Meeting, Montreal, Qc. June 14-18, 2014.
15. Vasseur, L. and M. Macrea. 2014. Talking about food in the world: bridging disciplines for a better vision in an uncertain future. Canadian Association of Food Studies, Congress 2014, Brock University. May 26, 2014.
16. Vasseur, L. 2014. Bridging Coastal Communities: Climate Change Adaptation. Panel discussion. Environmental Studies Association of Canada, Congress 2014, Brock University. May 27, 2014.
17. Plante, S., A. Verville and L. Vasseur. 2013. Défis des communautés côtières et riveraines: de la vulnérabilité à la résilience. Symposium 418. ACFAS, Québec City, May 7-8, 2013.
18. Vasseur, L. and A. Fredeen. 2012. Symposium Transplantations and relocation of species at risk: learning from the past to plan for the future. Jointly organized Ecology sections of Canadian Botanical Association and Botanical Society of America. Columbus, Ohio, July 2012.
19. Vasseur, L. and A. Fredeen. 2011. Symposium Climate change: Canada's plants on the run! Plant Canada, July 17-21, 2011, Halifax
20. Vasseur, L. and A. Sinclair. 2010. Data Recording: Legacy for Biodiversity Conservation? Biodiversity 2010 and beyond. Sciences and collections. Joint conference of the Canadian Botanical Association and Society for the Preservation of Natural History Collections. University of Ottawa, May 31 – June 5, 2010.
21. Vaughan H., Vasseur, L., Tengler, B., Rousseau, F. M., Jones C. and Dalton, S. 2004. Symposium on Science in Support of Community and Landscape/Seascape Sustainability – the Canadian experience. CAMESA, Denver Colorado. September 2004.
22. Vasseur, L. 2003. Linking Science to Community Decision Making: Experience and Hurdle. Symposium on Science in Support of Community and Landscape/Seascape Sustainability. Ecological Monitoring and Assessment Network's. National Science Meeting. Halifax, N. S. November 28, 2003.
23. Vasseur, L. 2003. Workshop on Management Scenery, organized by Wildlife Habitat, Ottawa. April 23-25, 2003
24. Vasseur, L., E. Reekie and M. Roberts. 2001. Impacts of forest management on plant diversity. CBA Annual Meeting. Kelowna, B.C. June 25, 2001.
25. Vasseur, L. and C. Anseau. 1995. Municipal sewage sludge management: a transdisciplinary question. 63rd Annual Meeting, ACFAS. Chicoutimi, Québec. May 1995.

f) Conference organisation

1. Review Panel of the Adaptation Futures 2018 Conference. 2017-18. Cape Town, South Africa. Organized by the Global Programme of Research on Climate Change Vulnerability, Impacts and Adaptation (PROVIA). June 18-21, 2018.
2. Practitioners Advisory Committee for the conference Adaptation Futures 2016, Rotterdam, Netherlands, May 9-13, 2016. Organized by Provia, the European Commission and the Ministry of Environment of the Netherlands.
3. Canadian Coalition of Women in Engineering, Science, Trades and Technology Conference 2016. Chair. Ottawa, May 3-6, 2016.
4. First World Forum on Ecosystem Governance. Partnership of the International Union for Conservation of Nature (IUCN), the IUCN Commission on Ecosystem Management (CEM), the Chinese State Forestry Administration (SFA), and the Beijing Municipal Government. High Level Consultations will be held at the Guiyang International Convention and Exhibition Center (Eco-Building) on 25 – 27 June 2015 in

Guiyang City, Guizhou Province, China. The World Forum will be held October 28-30th 2015 in Beijing, China.

5. International Conference on Insect Molecular Ecology and Pest Management (ICIMEPM). Fuzhou, People's Republic of China, October 28-31, 2014 (committee member).
6. Bio2003 Game of Biological Studies des Universités françaises du Canada, « La conservation: une affaire de tous », Beauséjour Room, Shédiac, January 11, 2003.
7. Linking Science to Local Knowledge in Marine Protected Areas: How to make it work? Université de Moncton, K.C. Irving Chair in Sustainable Development and the Canadian Ocean Management Research Network. Moncton, June 9-11, 2002.
8. Forth Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 25-26, 2000.
9. Third Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 0/21, 1999
10. From the Classroom to the Community: Development of Alternatives Teaching Programs. Supportée par le Projet Volet 1 de l'ACDI en "Community-Based Conservation Management". Saint Mary's University, October 13/14, 1999.
11. Saint Mary's University Public Lecture donné par Dr. David Rapport, co-suppporté par le Programme des Etudes Environnementales, Saint Mary's University Visiting Speaker Committee et le Projet Volet 1 de l'ACDI en "Community-Based Conservation Management". October 14, 1999.
12. Second Kejimikujik Fall Conference. Saint Mary's University, Halifax, NS. November 21/22, 1998.

g) Workshop/panel leader or co-leader

1. Vasseur, L. 2021. Chair. Plenary 2: Student & professional mobility 2030 and beyond: transferability of degrees, credit transfer, refugees and immigrant. Sustainable and Inclusive Internationalization Conference. York University. January 21, 2021.
2. Vasseur, L. 2020. Caribbean region webinar for the International Webinar Series on Open Science and the Decolonization of Knowledge, organized by the Florence Piron (Laval U), Leslie Chan (U Toronto), Lorna Williams (U Victoria, Lil'wat First Nation), Rajesh Tandon (PRIA India) and Budd Hall (U Victoria). October 15, 2020 (virtual).
3. Vasseur, L. 2019. Assessing Ecosystem Services in Biosphere Reserves. EuroMAB Conference. Dublin, Ireland. April 1-5, 2019.
4. UNESCO. 2018. International Geoscience Programme 636 Project presentation: Characterization and sustainable exploitation of geothermal resources - Unifying international research forces to unlock and strengthen geothermal exploitation of the Americas and Europe. UNESCO HQ, Paris. October 5, 2018.
5. Vasseur, L. 2018. Ecosystem-based climate change adaptation and mitigation: learning and sharing among cultures. International Conference Communities, Conservation & Livelihoods. Halifax, NS. May 28-30, 2018.
6. Vasseur, L. 2018. Ecosystem governance in biosphere reserves for better conservation and livelihoods. International Conference Communities, Conservation & Livelihoods. Halifax, NS. May 28-30, 2018.
7. Vasseur, L. 2017. Helping the agricultural landscape: from the ground up. Workshop organized by Vasseur, L. and L. Collas for the Ontario China Research Innovation Fund Project. OMAFRA, Vineland. November 23 and December 6, 2017.
8. Vasseur, L. and L. McDermott. 2017. Session on "Integrating cultural and social aspects in ecosystem-based adaptation to climate change". Annual General Meeting of the Canadian Commission for UNESCO, Montréal, May 26, 2017.
9. Vasseur, L. 2016. Organization of the Commission for Ecosystem Management Workshop called "Governing Ecosystems to sustain development" at the IUCN World Conservation Congress, Hawaii, September 4, 2016.
10. Vasseur, L. 2014. Ecosystem-based adaptation to climate change: how can transboundary water issues? 3rd Transboundary Waters Management in a context of climate change meeting, Quebec City, May 9, 2014.
11. Vasseur, L. and A. Sinclair. 2010. Panel discussion: Species at risk and conservation. Re-introduction - When, How and Where? Biodiversity 2010 and beyond. Sciences and collections. Joint conference of the Canadian Botanical Association and Society for the Preservation of Natural History Collections. University of Ottawa, May 31 – June 5, 2010.

12. Vasseur, L. 2009. Panel discussion on skills to learn before graduation. Ocean Management Research Network Conference, University of Ottawa, October 21, 2009.
13. Vasseur, L. and A. Sinclair. 2009. Panel 1: Life after graduation: the various paths for botanists and Panel 2: Defining critical habitats under SARA. Canadian Botanical Association Annual Meeting, Acadia University, NS. May 18-21.
14. Vasseur, L. 2009. Chair of a round table, « Les conditions d'une science en français demain » 77^{ème} Congrès annuel de l'ACFAS, Université d'Ottawa, Canada. Mai 11-15, 2009.
15. Vasseur, L. 2004. Présidente de session - Séance spéciale - Les parcs nationaux canadiens: évolution des milieux et intégration dans le milieu régional, Session 3 : L'intégrité écologique, une problématique à dimension spatiale. Congrès annuel de l'Association canadienne des géographes. Université de Moncton, 27 mai 2004
16. Vasseur, L. 2000. Chair for the Ecosystem Health and Human Health Working Group. EcoSummit 2000, Halifax, NS. June 18-22.
17. Vasseur, L. 1996. Botanical institutions as research partners: phenology and other opportunities. Workshop "Partnerships for plants: conservation, biodiversity and botanical gardens in Canada". Canadian Botanical Conservation Network, Royal Botanical Gardens, Burlington, Ontario. Sept. 5-7.

h) Public Communications (media interviews not included)

1. Vasseur, L. 2005-2015: Radio Canada / CBC Radio. Over 29 various programs.
2. Vasseur, L. 2004. Critic: environmental issues and the elections. CBC Radio. Maritimes Noon with Costas. May 30, 2004.
3. Vasseur, L. 2004. Émission avec Rogers TV. Projet Changement climatique. 26 février 2004.
4. Vasseur, L. 2003. «Project of the Climate Change and East Coast Communities of N. B. Three sites: Cocagne, Shédiac, Commission de Kent à Richibouctou. May 2003.
5. Robichaud, M. and Vasseur, L. November 7, 2002. Community monitoring program and New Brunswick Plantwatch: ways to link ecology to school. Evergreen Foundation conference, Riverview, NB.
6. Vasseur, L. February 23, 2002. Invited presentation on Cambodia, au banquet des Sciences de l'Université de Moncton, Palais Crystal, Moncton.
7. Vasseur, L. February 2, 2002. Événements climatiques extrêmes et le changement climatique. Radio Canada, Lavallée en Liberté, Moncton.
8. Vasseur, L. January 7, 2002. General impacts of climate change in Atlantic. CTV Live at 5.
9. Vasseur, L. December 14, 2001. Entrevue avec Atlantic Fisheries Bulletin pour un article sur les articles 14 et 15 du NAAEC (North American Agreement for Environmental Cooperation, sous l'ALENA).
10. Vasseur, L. December 8, 2001. Sustainable Christmas. CBC Radio Saturday Show.
11. Vasseur, L. April 1998. Rare species in Nova Scotia. CBC Radio Lunch Show.
12. Vasseur, L. December 1997. Le changement global et le sommet de Kyoto. Radio Canada entrevue du matin.
13. Vasseur, L. September 1997. The role of phenological surveys in our community: Nova Scotia Plantwatch. The Friends of the Environment, Halifax.
14. Vasseur, L. October 1996. Conservation of rare plants. Science and Nature Series, Access TV (Channel 10, Dartmouth).
15. Vasseur, L. October 1996. Genetic variability in plant populations. Science and Nature Series, Access TV (Channel 10, Dartmouth).
16. Vasseur, L. October 1996. Sewage sludge management: sustainable solutions. Science and Nature, Access TV (Channel 10, Dartmouth).
17. Vasseur, L. April 1996. Plant observations and identification. Wildflower Society, Nova Scotia Museum of Natural History, Halifax.
18. Vasseur, L. and R. Mercier. December 19, 1994. La création d'un comité consultatif à Lac-Mégantic, une première au Québec. Émission radio CFLX (station de radio de Sherbrooke).
19. Vasseur, L., R. Mercier and B. Saucier. December 6, 1994. Le comité consultatif de Lac-Mégantic: le problème de la gestion des boues usées municipales à Lac-Mégantic. Émissions simultanées de télévision et radio. TransVision Mégantic et Radio Communautaire de Lac-Mégantic.

i) Website

1. UNESCO Chair in Community Sustainability: From Local to Global. Brock University. www.brocku.ca/unesco-chair
2. Vasseur, L. 2005-2009. Climate change impacts and adaptations project for the City of Greater Sudbury. www.laurentian.ca/research/special_projects
3. Vasseur, L. 2003. K.-C. Irving Chair in Sustainable Development, Université de Moncton. www.umoncton.chairedd
4. Vasseur, L. 2002. New Brunswick Plantwatch. www.eman-rese.ca
5. Vasseur, L., P. Mudie and Bob Guscott. 1997-1998. Nova Scotia Plantwatch. Environment Canada. www.cciw.ca/ecowatch/nsplant/intro.html

j) Theses

1. Vasseur, L. 1991. Genetic variation and phenotypic plasticity in *Lemna minor*. Ph.D. Thesis, Queen's Univ., Kingston. 176 pp.
2. Vasseur, L. 1987. Génétique variabilité et facteurs limitant la distribution de l'ail des bois dans le sud du Québec. M.Sc. Thesis, Univ. du Québec à Montréal. 120 pp.

k) Other presentations or peer reviewed publications from my students

Manuscripts

1. Gallant, D. 2004. White-winged crossbills obtain forage from river otter feces. *The Wilson Bulletin* 116 (2), 181-184.
2. Znajda, S. 2014. What is 'Successful Development' in Conservation and Development Projects? Insights from Two Nicaraguan Case Studies. *Conservation and Society* 12:318-328.

Presentations

3. DeCock, M. 2020. Visualizing climatic and non-climatic drivers of coastline evolution. CatIQ Connect Student Delegate Program. CatIQ Conference, Toronto. February 4, 2020.
4. DeCock, M. 2019. Visualizing climatic and non-climatic drivers of coastal evolution: a case study of Lincoln, Ontario. Mapping New Knowledge, Brock University. April 11, 2019.
5. VanVolkenberg, H. 2017. Changes in yield and invertebrate communities in lettuce (*Lactuca sativa*) and radish (*Raphanus sativus*) monocultures and intercrop. Ontario Biology Day, Laurentian University, Sudbury, Canada. March 19, 2017.
6. Archibald, E.R. 2017. Examining the responses of cover crops chicory (*Cichorium intybus*) and red clover (*Trifolium pratense*) to intercropping and agromineral amendment. Ontario Biology Day, Laurentian University, Sudbury, Canada. March 19, 2017.
7. Michkowski, A.L. 2017. Responses of alfalfa and oilseed radish in monoculture and intercrop to Spanish River carbonatite amendment. Ontario Biology Day, Laurentian University, Sudbury, Canada. March 19, 2017.
8. Sidhu, A. 2016. Performance of the diamondback moth in plant alternative cropping systems. Canadian Society of Zoology Annual Meeting. University of Guelph. May 11, 2016.
9. Sidhu, A. 2016. Understanding the diamondback moth performance in plant alternative cropping systems. Ontario Ecology, Evolution and Ethology Colloquium. Ryerson University, May 7, 2016.
10. Pike, J. 2011. Monitoring and assessing plant diversity: baselines for understanding changes. Seminars series of the Brock Environmental Sustainability Research Unit. March 9, 2011.
11. McMillan, E. 2010. Environmental attitudes of Canadian Homeschoolers, Teaching and Learning Sustainability section, North American Association of Environmental Educators 39th Annual Conference. Buffalo, USA. September 29 to October 2, 2010
12. McMillan, E. 2010. Homeschooling and environmental attitudes. Children's Health and the Environment Workshop. International Workshop on Research, Policy and Practice. The University of Western Ontario, London, ON. June 28-30, 2010.
13. Znajda, S. 2006. Evaluating conservation projects: current approaches, perceived challenges, and future directions. NS Chapter CES Conference. Charlottetown, PEI, May 2006.
14. Léger, Lisa, L. Vasseur and E. Tremblay. 2004. How can humans and beavers live in the same environment in Kouchibouguac National Park of Canada? First meeting on communities, research and

- environmental monitoring. Organized by the Southern Gulf of St. Lawrence Coalition on Sustainability, Parks Canada and the Department of Fisheries and Oceans in Canada in collaboration with the University of Prince Edward Island and Island Nature Trust. Charlottetown, I.-P.-É. 23-24 January 2004.
15. Cavallin, N. 2004. Biotic and environmental influences on the composition and dynamics of woody plant communities colonizing old fields. First meeting on communities, research and environmental monitoring. Organized by the Southern Gulf of St. Lawrence Coalition on Sustainability, Parks Canada and the Department of Fisheries and Oceans in Canada in collaboration with the University of Prince Edward Island and Island Nature Trust. Charlottetown, I.-P.-É. 23-24 janvier 2004.
 16. Duclos, G., L. Vasseur and D. Mazerolle. 2004. Monitoring the populations of *Symphyotrichum laurentianum*, a rare endemic plant of the Southern Gulf of St. Lawrence. First meeting on communities, research and environmental monitoring. Organized by the Southern Gulf of St. Lawrence Coalition on Sustainability, Parks Canada and the Department of Fisheries and Oceans in Canada in collaboration with the University of Prince Edward Island and Island Nature Trust. Charlottetown, I.-P.-É. 23-24 janvier 2004.
 17. Bertrand, A.-S., L. Vasseur, É Tremblay, R. Wissinck and J. Bridgland. 2004. Eastern cougar sightings: myth or reality? A study to revisit this issue. First meeting on communities, research and environmental monitoring. Organized by the Southern Gulf of St. Lawrence Coalition on Sustainability, Parks Canada and the Department of Fisheries and Oceans in Canada in collaboration with the University of Prince Edward Island and Island Nature Trust. Charlottetown, I.-P.-É. 23-24 January 2004.
 18. Gallant, D., L. Vasseur and É. Tremblay. 2004. Assessment of the potential use of river otters (*Lontra canadensis*) as indicators of ecological integrity for riparian habitats at the regional scale. First meeting on communities, research and environmental monitoring. Organized by the Southern Gulf of St. Lawrence Coalition on Sustainability, Parks Canada and the Department of Fisheries and Oceans in Canada in collaboration with the University of Prince Edward Island and Island Nature Trust. Charlottetown, I.-P.-É. 23-24 January 2004.
 19. Cavallin, N. 2004. Le potentiel de régénération de l'épinette rouge au Parc National du Canada de l'Île du Prince Édouard. ACFAS, Université de Moncton, 10 mars 2004.
 20. Duclos, Geneviève. 2004. Le suivi des populations de l'aster du Saint Laurent, une plante rare endémique du sud du golfe du Saint Laurent. ACFAS, Université de Moncton, 10 mars 2004 et AUUBC, UCCB, 7 mars 2004.

Book review

21. DeCock, M. Responding to natural disasters with disaster risk reduction and management. Review of Thomas, V. (2017). *Climate Change and Natural Disasters: Transforming Economies and Policies for a Sustainable Future*. London and New York: Routledge, Taylor & Francis Group, 184 pages. Journal of Community Engagement and cholarship (submitted April 15, 2019)

V. GRANTS OBTAINED

a) Current Funding

	Title	Institutions	Amount	Valid Year
Vasseur, L.	Summer research assistant	Match of Minds	\$5,000	2021
Centre d'étude et de coopération internationale (CECI) (Vasseur, Research lead)	Effets de la crise COVID-19 sur la Sécurité Alimentaire (SA) au Burkina Faso et au Sénégal: Une opportunité de reconfiguration des	IDRC	\$55,144	2020-2021

	rapports inégaux de genre			
Brock Indigenous Research Grant	Indigenous Flora Along the Laura Secord Legacy Trail	Brock University	\$7500	2021-2022
Vasseur, L.	Actionable Nuggets for Climate Change	Brock University - Explore	\$7,000	2020-2021
Pham (INRS), L. Vasseur (co-applicant)	INEDINE	MEOPAR	\$40,000	2020-2022
Vasseur, L.	Reflection papers and briefs for the CCUNESCO	Canada Council for the Arts	\$45,000	2020-2021
Vasseur, L.	Summer research assistant	Match of Minds	\$5,000	2020
Vasseur, L. (PI) and Christine Daigle (co-PI)	Beyond sustainability: radical transformation through system thinking	Exploration New Frontiers Research Fund	NFRF 250,000 Brock 37,000	2020-2022
L. Vasseur (PI), and M. Sharifi, co-applicants NOTE: also collaborator on the CCOVI GF3 project	Unique Cover Crops, Rootstocks, and Irrigation Techniques for Canadian Vineyards	Organic Science Cluster III (AAFC-GF3)	\$292,956	2018-2023
S. Plante (PI), L. Vasseur co-applicant	Defining strategies for effective adaptation and resilience plans in riverine rural communities of the St. Lawrence watershed	MEOPAR NCE	\$280,000	2018-2021
M. You FAFU (L. Vasseur, co-application)	Innovation Centre of Ecologically Based Pest Management of Subtropical Crops	University Disciplines Innovation and Talent Introduction Plan (also called "111 Plan") by Ministry of Education and State Administration of Foreign Experts Affairs, China.	900,000 RMB (5 yrs)	2016-2021
L. Vasseur	Collaborative research on the development and potential commercialization of key technologies for agricultural soil remediation and improvement	MRI- Ontario-China Research Innovation Fund	\$250,000 (Ontario) \$351,000 (China)	2016-2020
Verville (PI, Regroupement des	Rés-Alliance	Green Funds of the Québec Ministry of	\$1.269 million	2017-2020

organismes de bassins versants du Québec), L. Vasseur (partner)		Sustainable Development, Environment and the Fight against Climate Change		
McLaren, B. (PI, Lakehead University), L. Vasseur, co-applicant	Agro-biodiversity, Nutrition and Sustainable Marketing of Heritage Crops in Ecuador and Canada	Canadian Queen Elizabeth II Diamond Jubilee Advanced Scholars Program	\$660,000	2017-2022

b) Funding Applications under Review

	Title	Institutions	Amount	Valid Year
L. Vasseur – lead researcher With Centre d'étude et de coopération internationale	Crise COVID 19 et impact sur les piliers de la sécurité alimentaire (SA) et les opportunités de reconfiguration des rapports inégalitaires de genre, au Burkina Faso et au Sénégal: Projet de recherche.	IDRC	746,684	2020-2021
L. Vasseur	We are STEM: scientifically and publicly speaking	NSERC	NSERC 20,000.00 Brock 4,150.00	2020-2021
L. Vasseur	Actionable Nuggets for Climate Change	Explore BUAF	7,000.00	2020-2021
Catherine Choquette (Univ. de Sherbrooke) L. Vasseur: co-principal investigator	LOI- Climate Change and Outbreak Adaptation at the Community Level	NFRF Transformation	24 million	2021-2027
Paul Myers (Univ. of Alberta) L. Vasseur: co-applicant	LOI- What Happens in the Arctic does not Stay in the Arctic (WHASA): regional to global scale impacts of freshwater supply and transport change in the Labrador Sea	NFRF Transformation	24 million	2021-2027
St-Onge, G., UQAR (PI), L. Vasseur (co-applicant)	LOI (accepted) Full proposal - MaRIn - Programme de formation et de collaboration en recherche intersectorielle et en innovation pour le développement durable du secteur maritime	NSERC - Collaborative Research and Training Experience Program	1.4 million	2020-2026 (rejected)

Christine Daigle (PI), L. Vasseur (co-PI)	international Posthumanism Research Network (iPRN)	SSHRC - Partnership	7 million	2020-2027 (rejected)
Fernando Mestre Sanchis, ESPOCH, Ecuador – L. Vasseur (collaborator)	Resilience Program to Climate Change for Ecuador	SENESCYT, Ecuador	US\$3.7 million	2016-2019 (unofficially received but government does not have yet the funds)

c) Funding in the past years

	Title	Institutions	Amount	Valid Years
Vasseur, L. and Sayyida Ali	Assessing ecosystem services in coastal communities of Canada and Trinidad	Global Affairs - ELAP	\$7,200	2019
Vasseur, L.	Sumer research assistant	Match of Minds	\$5,000	2019
Vasseur, L.	The Non-Linear Paths of Women in STEM	Canadian Commission for UNESCO	\$20,000	2017-2018
Vasseur, L.	Vising scholar and postdoctoral fellow	Environmental Sustainability Research Centre	\$3,741 and \$9,500	2018
M. You, FAFU and L. Vasseur as co-applicants	The evolutionary relationships and geographical patterns of genetically varied populations of diamondback moth, <i>Plutella xylostella</i> (L.)	Natural Science Foundation of China – International program	2.87 million RMB (3 yrs)	2013-2016 (extended to 2018)
Vasseur, L.	Match of Minds Canada Summer Job	Brock Service Canada	\$5,000 \$3,796	2018 2018
L. Vasseur	Monitoring of chimney swift in Niagara	Brock University	\$28,400	2015-2018
M. Martin (Niagara Landcare), L. Vasseur (collaborator)	Conservation and outreach activities for American water willow	OMNRF	\$15,000	May 2015-March 2017
L. Vasseur and T. Heinmiller (co-supervisors)	Urban river management in Brazil and Canada: a comparative study of Manuas and Toronto	DFADT – Emerging leaders in the Americas Program – Aline Robieno	\$10,000	Feb. –June 2016
Steve Plante et al. (L. Vasseur, co-applicant/co-director)	Gestion intégrée et changement climatique des territoires du Golfe du St Laurent	SSHRC – CURA Environnement	\$1 million (6 years)	2010-2016
Powell N. PI (L. Vasseur, local collaborator)	Climate Change Adaptation and Water Governance: Reconciling Food Security, Renewable Energy and the Provision of Multiple	Compagnia di San Paolo (Italy), Riksbankens Jubileumsfond (Sweden), and the	1 million EUR	09/2012-02/2015

	Ecosystem Services (CADWAGO)	Volkswagen Stiftung (Germany)		
L. Vasseur	Rural livelihoods, poverty index and climate change vulnerability in Sumaco Biosphere Reserve, Ecuador	DFADT – Emerging leaders in the Americas Program – Bolier Torres	\$10,000	Jan. –June 2015
L. Vasseur	Research assistant in sustainable agriculture from plant diversity to pest control	Brock University	\$4,500	Summer 2015
L. Vasseur	Assessment of Point Abino	Town of Fort Erie	\$24,000	2013-2015
Benson Honig et al., McMaster Univ., (L. Vasseur, collaborator)	CURA Community Social Capital and Labour Market Initiatives	SSHRC-CURA	\$1 million (5 years)	2010-2015
M. You, FAFU (L. Vasseur, co-applicant)	Collaborative research and development on the key techniques for safety-oriented production of tea	Natural Science Foundation of China	1 million RMB (3 yrs)	2010-2013
S. Plante, L. Vasseur, A. Verville (co-applicants)	Summer institute on facilitating process of adaptation in communities	SSHRC Connection	\$39,478	2013-2014
L. Vasseur	Climate changes and plant responses	Brock University – Work experience	\$6,437	2013
Vicky Esses, UWO et al. (L.Vasseur, collaborator)	Welcoming Communities	SSHRC – CURA Immigration	\$999,000 (5 years)	2009-2013
L. Vasseur (coalition with Université de Moncton)	Appui aux écoles pratiques d’agriculture (CPR) du Burkina Faso	CIDA	\$3.06million	2012-2017 (left after 1 year due to issues)
L. Vasseur	Climate changes and plant responses	Brock University – Work experience	\$8,411	2012
L. Vasseur	Response of plant communities to extreme events under climate change scenarios	BUAF- Brock University	\$2,500	2011-2012
L. Vasseur	Climate changes and plant responses	Brock University – Work experience	\$5,000	2011
Liette Vasseur (PI)	Disturbance, invasive species and the threat of climate change	Science Horizons – Environment Canada	\$12,000 (1 year)	2010-2011
Liette Vasseur (formerly director, then member of the team)	Management of the Ecosystems based on the Communities – towards a durable exploitation of the Resources in Burkina Faso	CIDA- UPCD	2.475 millions \$ (6 yrs)	2004-2011

L. Vasseur	System of Rice Intensification: food security and environmental sustainability in Vietnam – full proposal development	IDRC (Oxfam-Québec)	\$10,000	2010
L. Vasseur	Establishment of monitoring biodiversity plots	Brock University – Work experience	\$5,000	2010
Liette Vasseur	Atlantic chapter – National climate change assessment	NRCan	\$72,000 (4 yrs), extended for presentations	2005-2009
Mingsheng You LV as collaborator	Water hyacinth ecological control: an ecosystem approach	China National Science Foundation	90,000 RBI (\$13,000CDN)	2006-2009
Liette Vasseur et al.	Climate change adaptation in Sudbury (case study)	Climate change impacts and adaptations program	150,000 (1.5 yrs) with matching, total 347,000	2005-2007
Liette Vasseur	Parks Canada Species at Risk Fund	St Lawrence aster and cougar and power analysis	32 000 \$ (2.5 yrs)	2004-2007
Liette Vasseur	Climate change community liaison	Fednor	\$27,500	2006-2007
Liette Vasseur	Climatic Change on the Coast of N. B.	CEAA	48 000 \$ (2.5 yrs)	2003-2007
Réal Daigle and al., Liette Vasseur, collaborator	FACC	Climatic Change on the East Coast of N. B.	2.2 millions (3 yrs)	2003-2007
Liette Vasseur	Plant Communities in Danger	P.E.I. National Park	41 500 \$ (3 yrs)	2002-2005
Liette Vasseur	Parks Canada Species at Risk Fund	Aster du Saint Laurent	37 500 \$ (2.5 yrs)	2002-2005
Liette Vasseur et al.	Restoration perspective in Mexico	Sustainable cities initiatives, Industry Canada	20,000	2004-2005
Liette Vasseur	Changement climatique sur les plantes côtières	Science-Horizons, Environnement Canada	10 350 \$	2004-2005
Liette Vasseur et Jean-Paul Vanderlinden (co-applicant)	Projet écotouristique Boutouche Phase II	APECA	312 000 \$	2003-2005
Liette Vasseur	Premier Round Table on the Environment and Economy	NB Environmental Trust Fund	50 000 \$	2004-2005
Liette Vasseur	Écologie de l'ASTER du Saint-Laurent	Parks Canada Species at Risk Fund et bureau de Halifax	37 500 \$ (2.5 yrs) addition de 2 500 \$ pour 2003-2004	2002-2004

Liette Vasseur	Premier Round Table on the Environment and Economy	NB Environmental Trust Fund	50 000 \$	2003-2004
Liette Vasseur	Climate change impact assessment	NB Environmental Trust Fund	20 000 \$	2003-2004
Liette Vasseur	Vegetation Communities Management of Kijimkujik	Parks Canada Ecosystem Fund	24 900 \$ (2 yrs)	2000-2004
Liette Vasseur (direction scientifique avec Norm Green)	Kejimkujik National Park campground	The Canadian Environmental Assessment Agency – Rehabilitation	55 000 \$ (2.5 yrs)	2000-2003
Liette Vasseur / Applicant: Bob Maher, COGS, NS, collaborator	Biogeography and Landscape Ecology research for Species at Risk (SAR)	Kejimkujik National Park: Atlantic Coastal Plain Species and other SAR	Total: 25 400 \$ (2.5 yrs).	2002-2004
Liette Vasseur/Diane Pruneau, co-applicant	The Circle of the Mutants (Education and Research in the Schools)	Fund of Action on the Climatic Change	151 960 \$ (2.5 yrs)	2002-2004
Diane Pruneau/Liette Vasseur, collaboratrice	Le cercle des mutants (Éducation sur le changement climatique)	Fonds de fiducie en environnement du N.B. (Partenaire)	35 000 \$ (1 yr)	2002-2003
Diane Pruneau/Liette Vasseur, collaboratrice	Le cercle des mutants (Éducation sur le changement climatique)	RDC Université de Moncton	10 000 \$ (1 yr)	2002-2003
Liette Vasseur	Canadian Community Monitoring Network-Moncton	Canadian Nature Federation and the Ecological Monitoring and Assessment Network	13 000 \$ (1.5 yrs)	2002-2003
Liette Vasseur	Premier Round Table on the Environment and Economy	NB Environmental Trust Fund	50 000 \$	2002-2003
Liette Vasseur (when at St. Mary's University)	Community-based conservation management in China and Vietnam	UPCD Tier I Program of CIDA	4.5 \$ millions (5 yrs)	1997-2003
Liette Vasseur	<i>Hydrocotyle umbellata</i> Recovery Plan	Parks Canada Species at Risk Fund	12 480 \$	2001-2002
Liette Vasseur (when at St. Mary's University)	Aquatic Resource management in Cambodia	ACDI-AUCC Volet 2	728 000 \$ (5 yrs)	1997-2002
Dr. N. Goodyear, NSAC. (Partnership: Liette Vasseur when at St. Mary's University)	Sustainable agriculture in Colombia	ACDI-AUCC Volet 2	732 000 \$ (5 yrs)	1997-2003
Southwest Nova Biosphere Reserve, collaborator: L. Vasseur (when at St. Mary's University)	Les espèces en péril dans les communautés de la région du sud-ouest de la Nouvelle Écosse.	Environment Canada Stewardship Program for Species at Risk	127 000 \$ (1 yr).	2000-2001

Liette Vasseur (when at St. Mary's University)	Invasive species in Kejimikujik National Park	Saint Mary's University Senate Research Grant	3 100 \$ (1 yr)	2000-2001
Liette Vasseur (when at St. Mary's University)	Population genetics and ecology of rare plant species in Nova Scotia	NSERC Discovery Grant	13 200 \$/an (4 yrs)	1997-2001

VI. OTHER SCHOLARLY ACTIVITIES

a) Service as assessor/referee for book manuscripts, journals, conference programs and/or grant applications

Granting agencies

- NSERC Advancing Climate Change Science in Canada. Selection committee (and part-time chair). 2019.
- Fonds de recherche du Québec Nature et Technologies. Programme : regroupements stratégiques. Exercice 2019-2020. Comité visiteur, Centre de la science de la biodiversité du Québec, McGill University. Janvier 2019.
- Institut de recherche en santé et sécurité au travail. 2018.
- Ocean Frontier Institute. February 2017.
- Member of the research funding selection committee of CNFS (Consortium national de formation en santé), 2009 –2017 (with CIHR in Feb. 2017).
- Sea Grant Institution: Massachusetts Institute of Technology, NOAA. July 2015.
- AUCC-AAU selection committee for the Strengthening higher education, stakeholder relations in Africa program of CIDA. 2009-2012.
- Natural Science and Engineering Research Council, Discovery grants, Industrial grants, CFS partnership grants (1997- present)
- NSERC CREATE program 2010.
- Member of the AUCC/ CIDA African-Canadian peer review committee, for the new Strengthening Higher Education Stakeholder Relation in Africa program. August 2010—February 2013
- Chair of NSERC Industrial Research Chair renewal. 2008.
- Global Health Research Initiative Teasdale-Corti Team Grants (a part of the Teasdale-Corti Global Health Research Partnership Program); An Initiative of the International Development Research Centre and the Canadian Institutes of Health Research, in collaboration with the Canadian International Development Agency and Health Canada. 2006.
- SSHRC. 2002-2006.
- Sustainable Forest Management Center of Excellence. 2001-2002.
- NSERC Industrial chair at the University of Alberta. 2000 -2005.
- US National Science Foundation. 1998.
- US Department of Energy. 1994.

Foundations

- BioDivRestore program Selection Committee (Call for Transnational Research Proposals on “Conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems” under Water JPI, BiodivERsA and European Commission. 2021.
- Canada Foundation for Innovation, Chair MAC Committee #13 Interdisciplinary program. 2020.
- Selection committee of the Prime Minister's Awards for Teaching Excellence and for Teaching Excellence in STEM, Government of Canada. 2018, 2020.
- Member of the L'Oréal fellowship selection committees for the Canadian Commission for UNESCO and NSERC. April-June 2017- 2021.

- Réseau Québec Maritime. March 2017.
- ELJB Foundation. 2007.
- Nomination committee of the 2011 Conservation Education Award of the Wildlife Society. December 2010—May 2011.
- Atlantic Lobster Sustainability Foundation. 2008-2013.
- Judge for the Canadian Policy Research Award, Outstanding Research Contribution. Fall 2001

Editorial Boards of Journals

- Co-Editor in chief, Botany. April 1st, 2020 —present
- Member, Editorial board, Anthropocene Science (new Springer-Nature journal). April 2021 —present
- Sarah Breen (University of Saskatchewan), Conor Curtis (Grenfell Campus, Memorial University), Patricia Manuel (Dalhousie University), Kimberly Olson (Office of Climate Change, Province of Newfoundland), Kathleen Parewick (Municipalities Newfoundland and Labrador), Garrett Richards (Grenfell Campus, Memorial University), Roza Tchoukaleyska (Grenfell Campus, Memorial University), Liette Vasseur (Brock University), Kelly Vodden (Grenfell Campus, Memorial University)(alphabetical order). Special issue on “Climate Change Knowledge Translation” in Journal of Community Engagement and Scholarship. Published February 2, 2021.
- Associate Editor-in-Chief, Journal of Biosafety, November 2010—present
- Associate Editor of Botany (formerly Canadian Journal of Botany). June 1998 –March 2020.
- Associate Editor for volume 2011 of The International Journal of Climate Change.
- Associate Editor for volume 2010 of The International Journal of Interdisciplinary Social Sciences.
- Invited Editor for Volume 21, no.1 « Femmes et écologie » and Editorial Board of Recherches féministes (Revue interdisciplinaire francophone d'études féministes, Université Laval). Supported by FQRSC and SSHRC. January 2006 –2009

Journals

- Climate. January 2020.
- Ambio. December 2019.
- Agronomy September 2019
- Environmental Science and Policy. 2018.
- Climatic Change. August 2018.
- American Journal of Botany. August 2018.
- Sustainability. November 2016, January, February, March, December 2017. January and October 2019. March, July, December 2020, January 2021, February 2021.
- Social Sciences. November 2017.
- Environmental Reviews. March 2017
- Biocontrol Sciences and Technologies. May 2016.
- Environmental Policy and Planning. October 2015.
- Ecological Entomology. July 2015.
- Journal of Economic Entomology. June 2015.
- Biology and Environment. March 2015.
- African Journal of Agricultural Research. February 2014.
- Canadian Journal for Science, Mathematics, and Technology Education. February 2012.
- International Journal of Climate Change. 2010.
- Plant Ecology. 1998, 2008.
- Global Ecology and Biogeography. 2007.
- Journal of Applied Ecology, 2006
- Ecological Economics. 2006.
- Aquatic Botany. 2004-2005, 2010, 2012, 2016.
- Ecological Economics. 2005.

- Agriculture and Environment. 2001.
- Environmental Management. 1997-2002.
- Canadian Journal of Botany, now Botany. 1992-present.
- Plant Species Biology. 1992.

Publisher

- Book proposals for Elsevier. December 2015 and July 2016.

International organizations

- United Nations Environmental Programme. Global Resources Outlook 2019-Natural Resources for the Future we Want. October 2018. Published: July 2019.
- Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES). First Draft. Chapter 2: Americas Assessment. June-July 2016. Second draft. July 2017.
- Reviewer for the Periodic Review of the Arch of Frontenac Biosphere Reserve for the Canadian Commission for UNESCO. February- July 2017.
- Reviewer for the Periodic Review of the Manicouagan-Uapishka Biosphere Reserve for the Canadian Commission for UNESCO. May- June 2017.
- Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), Chapter 1: Pollination for food production: setting the stage and Chapter 2: Drivers of change of pollinators, pollination networks and pollination services. Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES). January 2015.
- Reviewer for the Canadian Commission for UNESCO for a proposed UNESCO Chair (April-May 2015)
- Intergovernmental Panel on Climate Change (IPCC) First and Second Order Draft of the IPCC Working Group II Fifth Assessment – Chapters 1, 6, 14. Summer 2012- May 2013.
- Chair of the review team for the 10th periodic review of the Southwest Nova Biosphere Reserve, Nova Scotia, for UNESCO- MAB program. May-September 2011.
- Intergovernmental Panel on Climate Change (IPCC) Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (SREX). Winter 2011.
- First Order Draft of the IPCC Working Group II Fourth Assessment – Chapter 14. Fall 2005 – winter 2007.
- Member of the Blue Ribbon Panel for the Canon Fellowships of the American Association for Advancement of Science (AAAS). June 2004 –August 2006

b) Memberships and executive positions held in scholarly associations

- Society of Ecological Restoration (SER) 2017-present
- Canadian Coalition of Women in Engineering, Sciences, Trade and Technology (CCWESTT), representing Brock University. 2010 –present. Vice President, May 2012 –2014 ; President, May 2014- 2018. Past President 2018-2020.
- Association Canadienne Française pour l'Avancement de la Science (ACFAS) 1994-1996, 2004—present
- Association de la francophonie à propos des femmes en sciences, technologies, ingénierie et mathématiques (AFFESTIM) 2008—present. Member of the Board of Directors, 2010-2015; President (June 2011-June 2013)
- Society of Women Academic Administrators of Canada (SWAAC) 2004—2011
- Ecological Society of America (ESA) 1989—present
- Canadian Botanical Association (CBA) 1985-1987, 1989— present; director (1994-1998); secretary (1998-2000); president-elect (2000-2002); president (2002-2004); past-president (2004-2006); co-chair (with Adrienne Sinclair from Environment Canada) (August 2008 –August 2010); co-chair (August 2010- March 2012), chair (April 2012-2014) of the Conservation and Ecology section; Judge for Rowe Award for publication, Keith Winterhalder and John Macoun Travel Awards, Lionel Cinq-Mars (several times between 1998-2012).Institut Franco-ontarien (IFO) 2006—2009
- Rural Sociology Society (RSS) 2016
- Environmental Studies Association of Canada (ESAC) 2014—present

- Canadian Associations of Food Studies (CAFS) 2014—2015
- Society of Wildlife Management 2007—2013
- American Association for Advancement of Science (AAAS) 2005—2012
- Canadian Association of Geographers. 2004-2005, 2008-2009
- Coalition pour la viabilité du sud du Golfe Saint-Laurent. April 2002-August 2004
- Nova Scotia Environmental Industry Association (NSEIA).1996-2001.
- Nova Scotia Institute of Sciences 1996-2001.
- International Society of Ecosystem Health 1994-1996, 1998.
- Canadian Association for Water Quality (CAWQ) 1995-1996.

c) Other scientific /community involvement

International

- Member of the Coastal Resilience Advisory Council of Great Lakes and St Lawrence Cities Initiative. February 2021—
- Vice-Chair for North America on the Steering committee of the Commission on Ecosystem Management of the International Union for Conservation of Nature (CEM-IUCN). September 2016- present.
- Thematic Group Leader of Ecosystem Governance (Sept. 2016-present) and Ecosystem Based adaptation to Climate Change Adaptation (2013-2016) and member of the Resilience Thematic Group of the Commission on Ecosystem Management of the International Union for Conservation of Nature (CEM-IUCN). April 2013-present Member of the CEM-IUCN. February 2003- to present
- Organizing committee of the high-level workshop at EcoForum Global (Guiyang, China, June 2015) and the First World Forum of Ecosystem Governance with the CEM-IUCN (Beijing, China, October 2015)
- Delegate of the Regional Development Policy Committee and members of the Water Governance Initiative, Expert Reviewer of the Stakeholder Engagement for Effective Water Governance, OECD. Document published April 2015: OECD (2015), Stakeholder Engagement for Inclusive Water Governance, OECD Studies on Water, OECD Publishing, Paris. <http://dx.doi.org/10.1787/9789264231122-en>
- President-Elect (October 2014-October 2017), Vice-President (May-October 2014) and Secretary General (July 2011 –October 2012) and Board member, International Network of Women Engineers and Scientists (INWES), UNESCO Consultative Status in NGO program. October 2011 to October 2017.
- Expert participation for the “NABIN (North American Biodiversity Information Network) Portal”, Commission for Environmental Cooperation of North America, February 21-22, 2002, Montréal
- Chair of the Joint Public Advisory Committee (JPAC) of the North American Commission for Environmental Cooperation (under the North American Agreement for Environmental Cooperation). December 2000 – December 2001. Member of JPAC: April 1999-June 2002. Appointed by Hon. Christine Stewart.

National

- Canadian Botanical Association, member of the Standing committee of Inclusion, Diversity, Equity and Accessibility. February 2021—
- President, Commission of the Canadian Commission for UNESCO. June 2018-present
- President of the Natural, Social and Human Sciences Sectorial Commission of the Canadian Commission for UNESCO. May 2017 (member) October 2017 (president)—June 2018
- Member of the research group on “Canada Sustainable Dialogues” for the Natural Resource Canada. (Leader Catherine Potvin, McGill Univ.). December 2016—October 18, 2018.
- Appearance before the House of Commons’ Standing Committee on Human Resources, Skills and Social Development and the Status of Persons with Disabilities to present a brief and respond to questions regarding the importance of the Private Member’s Bill C-243, “National Maternity Assistance Program Strategy Act”. April 6, 2017
- Canadian Botanical Association ad hoc science policy committee for the preparation and submission of the CBA-ABC's brief to the 9-member panel established by the Honourable Minister of Science, Kristy Duncan, about the announced review of Canadian science policy in the context of Canadian universities. August 2016

- Member of the Science Committee of the Atlantic Lobster Sustainability Foundation. May 2009 –
- Advisor on Food security and environmental issues, Oxfam Québec, Canada. (2009 –2012)
- Nominated by the Canadian government (Environment Canada) for the short list of names submitted for the next IPCC. June 2010. Changed for the contributors list in July 2010.
- Member of the National Recovery Team for Gulf of St-Lawrence Aster (*Symphyotrichum laurentianum*). July 2007—January 2010 (declined due to distance)
- Appointed member of the Science Advisory Board of Department of Fisheries and Oceans. October 2005—November 2009.
- Lead author for the Atlantic Chapter of the National Climate Change Assessment, NRCan. February 2005—March 2008.
- Member of the Policy Development Committee of Plant Canada. June 2005—June 2008
- Member of the Canadian Ocean Management Research Network, Sustainability and Local Knowledge nodes. 2001 –
- Member of the Canadian Consortium on Sustainable Development Research. October 2001 –
- Invited to participate at Workshop on « Developing a new program in Ecosystem Management ». Canadian Institute for Advanced Research. Montréal. August 25-26, 2003.
- Invited to participate at Workshop «Defining the Biodiversity Science Agenda for Canada». Ottawa. May 22-23, 2003.
- Member of the selection committee for the Canadian International Development Agency, Tier 1 UPCD projects. Appointed by Hon. Susan Whelan. July 2002 – July 2006.
- Member of the COSEWIC Atlantic Coastal Plain Plants Recovery Team. October 2000-2002
- Member of the Biodiversity Science Board of Canada, Environment Canada. October 1999-2001.
- Working group on General Status Evaluation of Plants (National Framework for Endangered Species Conservation). March 1999.
- Committee on Protocols for Biodiversity Monitoring, EMAN (Ecological Monitoring and Assessment Network), Environment Canada, April 1998.

Provincial

- Transitional Leadership Committee of the Niagara Escarpment Biosphere Reserve. September 2019 – present.
- Mid-Sized City Academic Collaborative with Evergreen Brick Works, Toronto. August 2016—September 2018.
- Drainage Investment Group. Board of Directors. Representing Ontario Universities. September 2013—July 2018.
- Member of the New Brunswick Premier’s Round Table on the Economy and the Environment. May 2002 – resigned in December 2004 (due to move)
- Ambassador for the Upper Bay of Fundy UNESCO Biosphere Reserve. March 2002 –May 2004 (resigned since moving out of province)
- Founder/ responsible for the New Brunswick Plantwatch, a plant phenology research program (December 2001) and Member of Plantwatch Canada board of directors. 2001-2004(resigned since moving out of province)
- Associate Member of the Fundy Model Forest. December 2001-July 2004 (resigned since moving out of province).
- Nova-Scotia Plantwatch Phenology Monitoring Committee. Founder-member and Responsible for data collection. January 1996— August 2001 (resigned since moving to another province).
- Member of the Training and Standards Committee, Nova Scotia Environmental Industry Association (NSEIA). 1996— August 2001 (resigned since moving to another province).
- Working Group for the Nova Scotia Endangered Species Act. Appointed by Hon. E. Fage, November 1999 – August 2001 (resigned since changing province).

Regional/local

- Member of Environmental Group for the Living in Niagara, Niagara Connects, May 2016—
- Member of the steering committee of Brock University-Town of Lincoln on Living Lab - Sustainable Community. April 2017—
- Member of the Science and Stewardship committee of the Niagara Land Trust. March 2012—May 2019.
- Member of the Niagara Climate Change Network. May 2011-December 2012 (dissolved)
- Member / science advisor of the Climate Change Adaptation Consortium for the City of Greater Sudbury. Endorsed by municipal council in November 2009. November 2009 –June 2014
- Member of the Niagara Prosperity Initiative Advisory Committee and selection committee for projects. 2009-2010.
- Member of the Board of Directors, Golden Horseshoe Bioscience Network. 2009 –2010.
- Member of the Children First Research Network, City of Greater Sudbury. April 2007 –December 2008 (due to move)
- Member of the Greater Sudbury Source Protection Authority (SPA), City of Greater Sudbury. July 2007 – December 2008 (due to move)
- Appointed member of the Children First Mayor’s Round Table, City of Greater Sudbury. April 2006 – December 2008 (due to move)
- Appointed member of the Expert Panel on Health Cluster for the City of Greater Sudbury. March 2007 – December 2008 (due to move)
- Appointed board member of the Nickel District Conservation Authority and trustee member of the Foundation, City of Greater Sudbury. February 2007 – December 2009 (due to move) Honorary member January 2009 –2014
- Member of the advisory committee of the Eco-Centre Irving à la Dune de Bouctouche. 2001—Resigned November 2007 (due to distance)
- President of the Coalition on Sustainability of the Gulf of Saint Lawrence. April 2003-September 2004 (co-chair 2001-2003).
- Member of the Advisory Committee of the Canadian Climate Change Impacts and Adaptation Research Network, Atlantic node. Dalhousie University, September 2001—2004 (resigned since moving out of province)
- Nomination Committee for the Eastern Canada Center for Soil and Water Conservation. November 2002 – 2004
- Consultant for CBCL Limited. Vegetation survey and site assessment. August 1997.
- Volunteer consultant for the restoration of the Cranberry Bog at Saint Stephen’s Elementary School, Halifax. 1996-1997

VII. TEACHING ACTIVITIES

a) Courses taught

- BIOL 2Q04, Ecology, Brock University. Fall 2020 (half).
- Modules in BIOL 1P96 (Introduction to research and biostatistics), BIOL 2Q04, BIOL 3P96.
- SSAS 5P13, Landscape ecology and ecosystem management. Fall 2016.
- SSAS 5P80, Directed reading in sustainable agriculture. Winter 2016.
- BIOL/SSAS 5P22. Current topics in conservation and biodiversity, Brock University. Fall 2015, 2017, 2020.
- SSAS 5P80, Sustainability Science and Society: community issues (co-teaching with Wendee Kubik and R. Plummer). Spring/summer 2015.
- SSAS 5P11, Water management (co-teaching with S. Renzetti and K. Turner). Winter 2015.
- SSAS 5P01, Sustainability Science and Society (co-teaching with R. Plummer). Fall 2014.
- SSAS5V80, Sustainability and social responsibility (co-teaching with D. Degrosbois). Fall 2014.
- BIOL 5P85, Issues in Ecology and Evolution, Brock University, 2011-2012, 2012-2013, 2013-14.
- BIOL 4P05, Biodiversity in the Biosphere Reserve, Brock University, August 2014, 2015, 2017.
- BIOL 5P02, Conservation and Biodiversity, Brock University. Fall 2011, 2012, 2013.

- Summer Institute on Applied Climate Change, University of Toronto with Smithsonian Institute. Summer 2011.
- BIOL 5P85, Conservation and Biodiversity, Brock University. Winter 2011.
- BIOL 3P96, Biometry, Brock University. Winter 2011, 2012.
- BIOL 2Q04, Ecology, Brock University. Fall 2010, 2011, 2013, 2014, 2015, 2016, 2017.
- Reading course- BIOL5Q89, Special topics: Invasive plant species ecology. Brock University. Winter 2010.
- Reading course in PhD Human Studies with Emily McMillan, Laurentian University. Winter 2009
- BIOL 5066 EL - Selected Topics in Evolutionary Biology I, Laurentian University (course delivered in winter 2006).
- Directed seminar series – Graduate Studies, Faculty of Management, Dalhousie University. (Course delivered in fall 2004).
- BIOL2143 – Botany – Department of Biology, Université de Moncton (course delivered in fall 2003).
- ETEV6003 – Natural Ecosystems – Master in Environmental Studies, Université de Moncton (course delivered in fall 2002).
- BIO6343 – Botany Seminars, Faculty of sciences, Université de Moncton (course delivered in winter 2003).
- BIO 450.1 – Diversity in Forest Ecosystems – Department of Biology, Saint Mary’s University (Course delivered in 1997 and 1998).
- BIO 331.2 – Population and Ecosystem Health - Department of Biology, Saint-Mary’s University (Course delivered in 1997).
- BIO 203.0 - Biology and the Human Environment - Department of Biology, Saint-Mary’s University (Course delivered in 1996 and 1997).
- BIO 422.2 - Applied Ecology - Department of Biology, Saint-Mary’s University (Course delivered in 1997).
- ENV 310.1 - Field course in Environmental Science - Saint-Mary’s University (Course delivered in 1996 and 1997).
- BIO 310.0 - Ecology - Department of Biology, Saint-Mary’s University (Now called BIO 324.1) (Course delivered in 1995, 1996, 1997 and 1998).
- ENV 300.1 - Introduction to Environmental Science - Saint-Mary’s University (Course delivered in 1995, 1996, and 1997).
- ENV 499.0 - Seminars in Environment - Saint-Mary’s University (Course delivered in 1995, 1996, and 1997).
- BIO 200.0 - Lab. Instructor General Biology - Department of Biology, Saint-Mary’s University (Course delivered in 1995).
- ENV 773 - Environmental Indicators - M.Sc. Environmental Sciences, Université de Sherbrooke. Fall 1994.
- PBI 304 - Principles in Ecology - M.Sc. Environmental Sciences, Université de Sherbrooke. Winter 1994.
- BIO 422 - Advanced Plant Ecology - Graduate studies, Department of Biology, Université de Sherbrooke. Winter 1994. Co-lecturer with Dr. Anseau.
- BIO 310 - Higher Plants - Department of Biology, Queen's University. Fall 1991. Included laboratory coordination.
- BIO 411 - Plant Ecology - Department of Biology, Queen's University. Fall 1990. Acting coordinator.

b) Supervision of students

Postdoctoral fellows and visiting scholars

- Julie Alejandra Echeverria Puertas, February-June 2021, Visiting Scholar from Ecuador, Brock University. Emerging Leaders in the Americas.
- Wenfei Sang, Visiting Scholar, Brock University. Chinese Visiting Scholarship.

- Sayyida Ali, September-December 2019. Visiting Scholar, Brock University. Emerging Leaders in the Americas.
- Upasana Sen, October 2019 – February 2020. IUCN Intern. Lund University, Sweden.
- Brad May, August 2018- present. MEOPAR project
- Longqing Shi, September- December 2018. Postdoctoral fellow under Queen Elizabeth II Scholarship.
- Mike Jones. February 2018. Visiting Scholar under the Environmental Sustainability Research Centre.
- Ruben Mur. February-May 2018. Postdoctoral fellow under Queen Elizabeth II Scholarship and Environmental Sustainability Research Centre (delayed due to family reason).
- Gabriela Rosoro, September 2017- January 2018. Visiting Scholar, Brock University. Emerging Leaders in the Americas.
- Chelsey Bryson, May – August 2016. IUCN Intern (Washington DC)
- Aline Ribeiro, February 1st – May 30, 2016. Visiting Scholar, Brock University (co-supervised with Tim Heinmiller). Emerging Leaders in the Americas.
- Bolier Torres, January 31 – June 30, 2015. Visiting Scholar, Brock University. Emerging Leaders in the Americas.
- Mary Thornbush, January 2015 - April 2016. Postdoctoral fellow, Brock University
- Sandra Znajda, January-November 2014, Postdoctoral fellow, Brock University
- Beryl Laitung, 2003-2004, France-Canada postdoctoral fellowship in co-supervision with Felix Baerlocher, Mount Allison University.
- Huang Banqin, 1999-2000, CIDA Postdoctoral fellow (Associate professor, Xiamen University, China)
- Dr. Tran Yem, 2000/01, CIDA Visiting professor (Professor, National Vietnam University, Hanoi, Vietnam).

Ph.D. Students

- Diana Tosato – PhD Biological Sciences, Brock University – January 2020
- Karla Gavilanez – Ph.D. in Plant Protection, FAFU – 2016 –
- Emily McMillan – Environmental Attitudes of Homeschoolers in Canada. PhD Human Studies, Laurentian University, Sudbury – 2008—2012 (completed)
- Sandra Znajda – Measuring Change without Numbers: Evaluating the intangible in agroforestry conservation-and-development initiatives in Nicaragua. PhD Interdisciplinary Studies, Dalhousie University, Halifax – 2004 -2009 (completed)
- Faisal Moola – Recovery and persistence of late-successional vascular plants in managed coastal Acadian forests. Ph.D. Thesis, Dalhousie University – 1998 – 2005 (completed)

Master Students

- Ariana Forand, Master Sustainability Science and Society, Brock University, September 2021 –
- Tasha Gunasinghe, Master Sustainability Science and Society, Brock University, September 2021 –
- Alysha Gullion, M.Sc. Biological Sciences, Brock University, September 2021—
- Kasia Zgurzynski, M.Sc. Biological Sciences, Brock University, September 2021—
- Gavin Esdale, Master Sustainability Science and Society, Brock University, September 2020 –August 2021
- Samantha Gauthier, Master Sustainability Science and Society, Brock University, September 2019 – December 2020
- Michelle Correo, M.Sc. Biological Sciences, Brock University, September 2019 (quit April 2020, due to COVID-19)
- Pulkit Garg, Master Sustainability Science and Society, Brock University, September 2019 –December 2020
- Habib Ben Kalifa, M.Sc. Biological Sciences, Brock University, September 2019-
- Xia Gao, Master Plant Protection, Institute of Applied Ecology, Fujian Agriculture and Forestry University, Fuzhou, China. Thesis: Adaptability of diamondback moth to wild cruciferous plants at different temperatures. September 2019 –

- Jocelyn Baker, Master Sustainability Science and Society, Brock University, September 2018–December 2019.
- Meredith DeCock, Master Sustainability Science and Society, Brock University, September 2018 –May 5, 2020.
- Lyn Brown, Master Sustainability Science and Society, Brock University, September 2017 –May 24, 2019 (completed)
- Salima Medouar, Master Sustainability Science and Society, Brock University, September 2017 – December 2018 (completed)
- Margaret Hughes, M.Sc. Biological Sciences, Brock University, September 2017 -
- Heather VanVolkenburg, M.Sc. Biological Sciences, Brock University, January 2017 -July 2019 (completed)
- Lydia Collas. Decision-making in agriculture: Why do farmers decide to adopt a new practice? Master Sustainability Science and Society, Brock University, September 2016 – May 2018 (completed)
- Jessica Williams, Master Sustainability Science and Society, Brock University, September 2016 –August 2018 (completed)
- Anshul Sidhu, Understanding the diamondback moth (*Plutella xylostella*) performance in plant alternative cropping systems. Master Biotechnology, Brock University, St Catharines – September 2014—July 2017 (completed)
- Kelly Gibson, Mitigating Phosphorus Runoff from Agriculture: A Stakeholder Perspective. Major Research Paper, Master of Sustainability Science and Society, Brock University, St Catharines – September 2015 – April 2017 (completed)
- Amanda Palumbo, Food Sustainability and Security in a Luxury Touristic Eco-Resort in Nicaragua. Major Research Paper, Master of Sustainability Science and Society, Brock University, St Catharines – September 2015 –November 2016 (completed)
- Christine Janzen, Sustainability education in Ontario high schools: Perspectives from science and geography teachers. Major Research Paper, Master of Sustainability Science and Society, Brock University, St Catharines – September 2014 –April 2015 (completed)
- Kyle Johnston, Master Biological sciences, Brock University, September 2013 –on leave
- Benchley Adjanie Moise, Pratiques de responsabilité sociale et développement local: Cas de l’entreprise de production de rhum Barbancourt. Master of Administration and Management, Senghor University, Egypt – Alexandria July 2014 – March 2015 (completed)
- Kiera Newman, Food and oviposition preference of *Plutella xylostella* in Canadian populations. M.Sc., Brock University, St Catharines – January 2013 – September 2014 (completed)
- Lin Yi An, Interactions of onion (*Allium cepa*) and yellow wax bean (*Phaseolus vulgaris*) in monoculture and intercropping with weeds, *Chenopodium album* and *Amaranthus hybridus*. M.Sc., Brock University, St Catharines – September 2012 – May 2015 (completed)
- Andrew Hazen Browne, Master Biological sciences, Brock University, September 2009 –left before the end.
- Chantal Coomber – Détermination du cycle de reproduction et élaboration d’un index d’énergie chez des populations de moules (*Mytillus edulis* et *Mytillus trossulus*) de la région de Vancouver, C-B., afin d’assister aux projets de biosurveillance utilisant ces moules comme bioindicateurs de pollution aquatique. Maîtrise en études de l’environnement, Université de Moncton – May 2004 – July 2008 (completed)
- Mélanie Lanteigne, Capacité de germination de trois espèces exotiques et trois espèces Indigènes au Parc National du Canada Kouchibouguac, N.B., Canada. Master in Biology, Université de Moncton – September 2004 –December 2008 (completed)
- Frederic Paillard, Évaluation des plantations « une école, un bosquet » et leurs rôles, au Burkina Faso, Maîtrise en études de l’environnement, Université de Moncton, – September 2004 –March 2007 (completed)

- Daniel Gallant, Évaluation de méthodes de suivi de la loutre de rivière (*Lontra canadensis*) et son potentiel en tant qu'indicateur de l'intégrité écologique des habitats riverains. Master en études de l'environnement, Université de Moncton – January 2003 – February 2006 (completed)
- Lisa Léger, L'utilisation de l'habitat par le castor au Parc national du Canada Kouchibouguac, Maîtrise en études de l'environnement, Université de Moncton – September 2002 – May 2004 (completed)
- Seynabou Sissoko, La santé des écosystèmes et le développement des indicateurs de détresse : étude de cas et de faisabilité. Maîtrise en études de l'environnement, Université de Moncton, – January 2003 – July 2005 (completed)
- Marie France Bérubé, Observation du processus de consultations pour le pont chaussée de la Rivière Petitcodiac à Moncton. Maîtrise en Études Environnementales, Université de Moncton, – January 2003 – May 2005 (completed)
- Réjeanne Dallaire, Évaluation de la salubrité microbiologique de fruits et de légumes frais sélectionnés en transit dans un réseau d'approvisionnement agroalimentaire en opération commerciale. Master in Biology, Université de Moncton. (*Prix Vo Van for best thesis at Université de Moncton in 2006*) – September 2002-May 2005 (completed)
- Nadia Cavallin, Le potentiel de régénération de l'épinette rouge (*Picea rubens* sarg.) sur les anciennes terres agricoles dans le Parc national de l'Île-du-Prince-Édouard. Maîtrise en Biologie, Université de Moncton, Maîtrise en Biologie, Université de Moncton, – September 2002-2007
- Mustapha Eddib, Les impacts de l'utilisation des mélanges de la terre commerciale et du compost des boues usées de la CÉEUGM pour les plantes du cresson, du trèfle et du fescue. Maîtrise en études de l'environnement, Université de Moncton – September 2001—May 2003 (completed)
- David Mazerolle, Évaluation de la flore exotique envahissante et étude comparative de la végétation des habitats perturbés au parc national Kouchibouguac : vers le développement d'une stratégie systémique de gestion. Maîtrise en études de l'environnement, Université de Moncton – September 2001— March 2006 (completed)
- Gerardo Reyes – Factors affecting vegetation re-establishment patterns following clearcutting of coastal red spruce-balsam fir stands in southwestern Nova Scotia. M.Sc. thesis, Biology, Dalhousie University, Halifax – September 1999-2002 (completed).
- Frederike Kirstein – Ecological and social assessment of the Tanji Bird Reserve in the Gambia. M.Es. Environmental and Resource Management, Dalhousie University, Halifax – 1999 – 2000 (completed)
- Sharlene Duncan - The revegetation potential of the Duff Bank coal mine waste in Springhill, Nova Scotia. M.Sc. Thesis, Laurentian University, Sudbury – 1997-2000 (completed)
- Alexandra Fischer - Socio-economic assessment of agroforestry projects in Panama. M.Es. Environmental and Resource Management, Dalhousie University, Halifax – September 1997/1998 (completed August 1998)
- Éric Lampron - Evaluation de l'accumulation des boues dans les fosses septiques de l'Estrie. Thèse M.ES., Université de Sherbrooke, Sherbrooke – 1994 - 1995 (completed)
- François Vandal – Évaluation des coûts et bénéfices des options pour les boues usées de la ville de Lac Mégantic. M.A. Economics, Université de Sherbrooke – 1994-95 (completed)

B.Sc. Honors Students (Fourth year independent research project)

- Alannah Mossiman – B.Sc. Biological Sciences, Brock University – January 2021-August 2021
- Kasia Zgurzynski – B.Sc. Biological Sciences, Brock University – Sept. 2020-April 2021
- Rylee Goerlitz – B.Sc. Biological Sciences, Brock University – Sept. 2020-April 2021
- Natalia Gurgacz-Safianowicz – B.Sc. Biological Sciences, Brock University – Sept. 2020-April 2021
- Rebecca Anderson – B.Sc. Biological Sciences, Brock University – Sept. 2020-April 2021
- Emily Bowyer - B.Sc. Biological Sciences, Brock University – Sept. 2020-April 2021
- Rami Mohammed Hussein Eltahir – B.Sc. Biochemistry, Brock University – September 2019-2020
- Alana Wong- B.Sc. Biological Sciences, Brock University – May 2017-December 2017.

- Amanda Michkowski - Responses of Alfalfa (*Medicago sativa*) and Radish (*Raphanus sativus*) to intercropping and an agromineral amendment. B.Sc. Honours thesis, Brock University, St Catharines – September 2016-April 2017.
- Emily Rose Archibald, Examining the responses of cover crops *Cichorium intybus* and *Trifolium pratense* to intercropping and agromineral amendment. B.Sc. Honours thesis, Brock University, St Catharines – September 2016-April 2017.
- Heather VanVolkenburg – Changes in Yield and Invertebrate Communities in Lettuce (*Lactuca Sativa*) and Radish (*Raphanus sativus*) Monoculture and Intercrop. B.Sc. Biological Sciences Honours thesis, Brock University– May 2016-December 2016.
- Istafa Sufi – Historical and current assessment of chimney swift (*Chaetura pelagica*) populations, their relationship with growing degree days and the influence of chimney heights on swift usage in the Niagara region. B.Sc. Honours thesis, Brock University, St Catharines – May 2015- February 2016.
- Anshul Sidhu– Food preference of diamondback moth (*Plutella xylostella*) exposed to radish (*Raphanus sativus*) leaves of different ages. B.Sc. Honours Thesis, Brock University – September 2013- April 2014.
- Jessica Dehaan – Above and below ground competitive interactions between intercropped onion and lettuce. B.Sc. Honours thesis, Brock University, St Catharines – January- August 2013.
- Korosh Hakimi Rezaei – Allelopathic potential of *Amaranthus hybridus* grown under organic and conventional agricultural practices. B.Sc. Honours thesis, Brock University, St Catharines – May-December 2012.
- Sarah Merza – Response of *Euthemia graminifolia* to extreme weather events. B.Sc. Honours Thesis, Brock University – May – December 2011.
- Teia Clement – Assessment of invasive plant species in urban parks and Sjorthills Provincial Park. B.Sc. Biological Sciences, Brock University, 2010-2011.
- Emily Wyszynski – Health of cedar (*Tsuga occidentalis*) population in the region of Sudbury. B.Sc. Biology, Laurentian University, 2007-2008.
- France Leblanc - Revisiting salt marshes of Kouchibouguac National Park of Canada. B.Sc. Biologie, Université de Moncton, 2004-2005
- Geneviève Duclos – Suivi des populations de *Symphytotrichum laurentianum*, une plante endémique du sud du Golfe du Saint-Laurent. B.Sc. Honours, Biologie, Université de Moncton, 2003-2004.
- Joshua McLean – Environmental management systems in universities of Vietnam and Canada. Honours thesis, B.Sc. Environmental Studies, Saint Mary’s University, Halifax – 2001-2002.
- Michelle A. Brunet – Response of *Hydrocotyle umbellata* to water availability. Honours thesis, B.Sc. Environmental Studies, Saint Mary’s University, Halifax – 2001-2002.
- Michelle D. Brunet – Assessment of invasive plants in Kejimikujik National Park. Honours thesis, Saint Mary’s University, Halifax – 2000-2001.
- Indika Kottogoda - Plant diversity in different areas of Point Pleasant Park in relation to trampling. Honours thesis, Saint Mary’s University, Halifax – 2000-2001.
- Julie Haas - Status of *Atriplex prostrata* and *Polygonum cuspidatum* in Crystal Crescent Provincial Park and Point Pleasant Park. B.Sc. Honours thesis, Saint Mary’s University, Halifax – 1999-2000.
- Denise Galway – Ecophysiological response of lowbush blueberry infested by wasp galls. B.Sc. Honours thesis, Saint Mary’s University, Halifax – 1998-1999.
- Bonna Jordan - Plant diversity in two geological formations in eastern Nova Scotia. B.Sc. Honours thesis, Saint Mary’s University, Halifax. (*second supervisor: Victor Owen, Earth Sciences*)– 1998-1999.
- Kim Kennedy – Plant diversity in agroforestry projects in Panama. B.Sc./B.A. Honours, Environmental Studies and International Development Studies, Saint Mary’s University, Halifax – 1998-1999.
- Cheryl Konoff – Morphological identification of individuals of the genus *Euthamia* in Kejimikujik National Park: consequences for park management. Honours thesis, Saint Mary’s University, Halifax – 1998-1999.
- Sharlene Duncan - The reproductive strategies of *Allium tricoccum* var. *burdickii*: a step towards conservation in Nova Scotia. B.Sc. Honours thesis, Saint Mary’s University, Halifax – 1996-1997.

- Emily Wong - Comparison of *Lupinus polyphyllus* and *Lupinus nootkatensis* in heavy metal contaminated soil from Iceland. B.Sc. Honours thesis, Saint Mary's University, Halifax – 1996-1997.
- Tiffany Covert - Masculinization of dogwhelks (*Nucella lapillus*) and periwinkles (*Littorina littorea*) in Halifax Harbour: monitoring of tributyltin. B.Sc. Honours thesis, Saint Mary's University, Halifax – 1996-1997.
- Shane Eno - Spatial and temporal variation of the blue shark (*Prionae glauca* L.) by-catch in the Japanese tuna fishery off Nova Scotia, Canada, with implications for a directed fishery. B.Sc. Honors thesis, Saint Mary's University, Halifax – 1995-1996.

Fourth year essay students

- Victoria Everts, B.Sc. Biological Sciences, Brock University, fall 2021.
- Jerika Sanderson – Modeling the Distribution of Emerald Ash Borer and Hemlock Woolly Adelgid: An evaluation of distribution models. Independent paper, BIOL 4P92, BSc Biological Sciences, Brock University, St Catharines – September- December 2016.
- Christine Janzen – Considering the Use of Translocation as a Conservation Tool for Ontario's American Water Willow (*Justicia americana*). Independent paper, BIOL 4P92, BSc Biological Sciences, Brock University, St Catharines, fall 2013.
- Jessica Poplata, B.Sc. Biological Sciences, Brock University, fall 2010.
- Sarah Mulder, B.Sc. Biological Sciences, Brock University, 2010-2011.

Graduate Co-supervision

Postdoctoral fellows

- Shi Long-qing, PDF, Co-supervisor (second supervisor Minsheng You, FAFU) January 2017 - present
- Melinda Noblet, PDF, Co-supervisor (first supervisor, Steve Plante, UQAR) September 2014 –January 2016.
- Charlotte DaCunha, PDF, Co supervisor (first supervisor, Steve Plante, UQAR) February 2011-June 2012.

Graduate students

- Franklin Dubon, MSc, Biology, Brock University – 2021 – (Co-Supervisors: Justin Renkema and Liette Vasseur)
- Sayyida Ali, University of West Indies, Trinidad. Co-supervisor: Junior Darsan. Thesis: An ecosystem services approach to the sustainable management of ecologically sensitive areas. 2019- 2020.
- Gabriela Andrea Rosero Obando, MSc Environmental biotechnology engineering. Escuela Superior Politécnica de Chimborazo, Ecuador. Co supervisor: Magdy M. Echeverría G. Thesis: Evaluation of soil organic carbon in the paramo ecosystem of Chimborazo River micro-basin based on anthropogenic activities. Completed 2018.
- Jinyu Li, PhD Plant Protection, FAFU. Co-Supervisor: Minsheng You. 2016-2021.
- Andrea Kruger, PhD Biological Sciences. Co-supervisor (with Francine McCarthy, ESRC), Brock University, September 2015- present.
- Renee Christie, MSc Biology. Co-supervisor (first supervisor, Frédérique Guinel), Wilfrid Laurier University, January 2017 – 2019.
- Lu Peng, PhD Applied Ecology, FAFU. Co-Supervisor: Minsheng You. 2012-2017
- Shi Long-qing, Identification of the tea green leafhopper in Fujian, China, and its behavioural responses to varying light conditions. PhD Applied Ecology, FAFU. Co-Supervisor: Minsheng You. 2012-2016
- Zhang Yue, Master Applied Ecology, FAFU. Co-Supervisor: Minsheng You. 2011-2013
- Xu Lyian, Master Applied Ecology, FAFU. Co-Supervisor: Minsheng You. 2011-2013
- Sylvain Pouzet, Recolonisation des forêts dans les champs abandonnés du Parc national Kouchibouguac du Canada. Maîtrise interdisciplinaire en environnement, Université de Sherbrooke, Directeur : Léo Provencher. 2004—2007 (completed)

- Susan Thompson, Characteristics of coarse woody debris in southwestern Nova Scotia forests. SRES, Dalhousie University. Supervisor: Peter Duinker. 2003-2004 (completed)
- Jessica Epstein, Comparison of understory vegetation in a chronosequence of unharvested and partially harvested coniferous forests in southern Nova Scotia. SRES, Dalhousie University. Supervisor: Peter Duinker. 2003-2004 (completed)
- Isabelle Dionne - Le compostage des résidus verts en andains extérieurs retournés. Thèse M.ES., Université de Sherbrooke, Sherbrooke. (co-directrice: C. Moresoli, Génie Chimique) - 1994 (completed)
- Hugues Groleau – Danger à la santé humaine lors de la valorisation des boues de station d'épuration en milieu agricole. Thèse M.ES., Université de Sherbrooke, Sherbrooke – 1994 (completed)

Undergraduate students

- Chantal Bouchard - B.Sc. Honors, Biology – 1994-1995 - Université de Sherbrooke. Supervisor Dr. Colette Ansseau.
- Lisa Vasil - B.Sc. Honors, Biology - 1993. McGill University. Supervisor: Dr. C. Potvin.
- Renée Cheng - B.Sc., Biology - 1992. McGill University. Supervisor: Dr. C. Potvin.
- Teresa Bennett - B.Sc. Honors, Biology - 1990. Queen's University Supervisor: Dr. L.W. Aarssen.

Supervisory committees

- Katia Forgues, Master Environment, McGill University, Canada – Sept. 2020 – (supervisor: Catherine Potvin)
- Tomas Zuklin, PhD, Faculty of Spatial Sciences, University of Groningen, The Netherlands – Jan. 2021 – (supervisor: Fran Vanklay)
- Lauren Nesbitt MSc, Biology, Brock University – Jan. 2021 – (Supervisor: Michael Pisaric)(chair)
- Franklin Dubon, MSc, Biology, Brock University – 2019-2021 – (Co-Supervisors: Justin Renkema and Miriam Richards)
- Srabani Saha, PhD, Biology, Brock University – 2019 – (Co-Supervisors: Justin Renkema and Debbie Inglis)(chair)
- Lauren Nesbitt, BSc Honors Biological Sciences, Brock University – 2019-2020 (supervisor: Fiona Hunter)
- Tasnuva Afreen, MRP, MSSAS, Brock University Sept. 2016– 2018 (Supervisor: Christopher Fullerton)
- Yanting Chen, PhD, Applied Ecology, FAFU, China – 2016 – (Supervisors: Minsheng You and Geoff Gurr)
- Curtis Abney, MSc, Biology, Brock University – 2016 –2019 (Supervisor: Glenn Tattersall)
- Brittany Freisman, MRP, MSSAS, Brock University – 2015-Nov. 2016 (Supervisor: Wendy Kubik)
- Justin Bridgeman, MSc, Biology, Brock University – 2015 –2019 (Supervisor: Glenn Tattersall)
- Suzanne Rocheleau-Chung, MSSAS, Brock University, 2014- withdrew June 2015(Supervisor: Wendee Kubik).
- Anne Yagi, MSc Biology, Brock University – 2013 – (Supervisor: Glenn Tattersall).
- Webin Chen, PhD, Applied Ecology, FAFU, China – 2012 –2019 (Supervisors: Minsheng You and Geoff Gurr)
- Jones, Samantha, BSc Honors Biological Sciences, Brock University – 2012 –2014 (supervisor: Mike Bidochka) completed
- Theresa Bukovics, MSc Biology, Brock University – 2012 – 2016 (Supervisor: Dan McCarthy) completed
- Julia Santos Silva, PhD Développement territorial, Univeristé du Québec à Rimouski – 2011– 2017 (completed) (supervisor : Steve Plante)
- 5 students in FAFU: Lin Sheng (PhD, completed); Li-Lin Chen (PhD completed), Feng-Luan Yao (PhD completed); Xie Miao (PhD, completed); Weiyi He (PDF, completed)
- Bradley May, PhD Environment, University of Waterloo – 2011 – (supervisor: Derek Armitage)
- Scott Behie, MSc Biology moved to PhD Biotechnology, Brock University – 2011 – 2015 (supervisor: Mike Bidochka) completed

- Jessica Vickruck – PhD Biology, Brock University – 2010–2016 (supervisor: Miriam Richards) completed
- Thomas Onuferko, MSc Biology, Brock University – 2011 – 2013 (supervisor: Miriam Richards) completed
- Mehrsa Mahdavi, MSc Earth Sciences, Brock University – 2011—2014 (supervisor: Martin Dean) completed
- Fidele K Yameogo, DEA Sciences environnementales, Université de Ouagadougou. 2011— 2012 completed
- Rola Kutby, MSc Biology, Brock University – 2011 –2013 (supervisor: Miriam Richards) completed
- Donnie Aedy – BSc Honors Biological Sciences, Brock University – 2011 –(supervisor: Fiona Hunter) completed
- Amanda Rotella – BSc Honors Biological Sciences, Brock University – 2010 (supervisor: Miriam Richards) completed
- Lauren Pineault – PhD Biology, Brock University – 2009-2011(supervisor: Fiona Hunter) completed
- Hope Yungblut – PhD Human Studies, Laurentian University – 2008 – (supervisor: Robert Schinke)
- Megan Rasmussen – MSc Biology, Laurentian University – 2007—2009 (supervisor: Jacqueline Litzgus) completed
- Meagan Quimby – B.A. Anthropology, Saint Mary’s University – 2000-2001. Completed
- Anne Scheiwesky – B.A. Anthrpology and B.Sc. Biology, Saint Mary’s University – 2000-2001. completed
- Lhabib Driri Alahoui - M.Sc. Environmental Sciences - 1994 - Université de Sherbrooke. Supervisors: Ferdinand Bonn and Alain Pesant (Agriculture Canada). completed
- Hugues Groleau - M.Sc. Environmental Sciences - 1994 - Université de Sherbrooke. Supervisor: Dr. Jean-Marie Bergeron. completed

External examiner

- Krysta Sutton, “Understanding perceptions of coastal climate change and nature-based coastal adaptation: using communicative framing in experimental focus groups in Nova Scotia, Canada”. Master Thesis. Supervisor: Kate Sherren, School for Resource and Environmental Studies, Dalhousie University, Halifax. December 14, 2020.
- Andréanne Herbert-Haché. Predoctoral examination, Biology. Brock University. Supervisors: Debbie Inglis and Jim Willwerth. December 6, 2017.
- Rodrigo Leon Cordero, PhD Environmental Sciences, University of Guelph. December 8, 2015.
- Joshni John, PhD Chemistry, Brock University. Supervisor Costa Metallinos. December 4, 2014.
- Brent Wiens, Predoctoral examination, Biology. Brock University. March 6, 2014.
- Joyce Gould. Title: “Conservation of biodiversity of plants communities in the region of the Northern Rocky Mountains of Alberta”. Ph.D. Thesis. Supervisor: Ellen McDonald, University of Alberta, 2006.
- Leonardo Cabrera-Garcia. Title: “Linking social and ecological dynamics for bird conservation: protecting the endangered Sierra Madre Sparrow in Chichinautzin, Mexico”. Ph.D. Thesis. Supervisor: Thom Meredith, McGill University, 2006.
- Anne Munier. Title: “Seedling establishment and climate change: The potential for forest displacement of alpine tundra (Mealy Mountains of Labrador, Canada).” M.Sc. Thesis. Supervisor: Luise Hermanutz, Memorial University of Newfoundland, 2006.
- Florence Fitoussi, Title: «L’accord nord-américain de coopération dans le domaine de l’environnement et le processus de participation : Historique et évaluation du fonctionnement», M.A. Thesis. Supervisor : Philippe LePrestre, UQAM, 2003.
- Michael Rose, Title: «Are Boreal Ecosystems Susceptible to Invasion by Alien Plants? A Case Study of Gros Morne National Park, MUN # 9326398, MSc Thesis. Supervisor: Luise Hermanutz, Memorial University of Newfoundland, 2001.

- Michael Rader. Title: «Challenges to biodiversity conservation forest landscapes with fragmented cover and ownerships: case study of the nova forest. MES Thesis. Supervisor: Peter Duinker, Dalhousie University, 2000.

Chair of defence committee

- Jan Bosak, PhD Biotechnology, Brock University. Supervisor Charles Després. July 4, 2014.

Supervisor of Research Assistants

- Lindsay McConkey, Match of Minds, May-August 2021
- Emily Bowyer, part-time volunteer assistant, January 2019- April 2021
- Maan Patel, part-time volunteer assistant, September 2019- August 2020
- Shruti Patel, part-time volunteer assistant, September 2019- March 2020
- Nadine Ott-Peon, part-time volunteer assistant, September 2019- March 2020
- Mary Nettle, research assistant, May 2018 – March 2020
- Kasia Zgurzynski, Brock University, Match of Minds, summer 2018, volunteer and research assistant 2017- present
- Natalia Gurgacz-Safianowicz, part-time volunteer assistant, January 2019- April 2021
- Kamal Kandhola, part-time volunteer assistant, September 2019- March 2020
- Heather VanVolkenburg, project manager/ research assistant, July 2019 - present
- Rylee Goerlitz, part-time volunteer assistant, September 2019- April 2021
- Rebecca Anderson, part-time volunteer assistant, September 2019- April 2021
- Alannah Mosimann, Brock University, Match of Minds, summer 2019
- Alana Wong, Brock University, Match of Minds, summer 2017
- Amanda Williams, part-time volunteer assistant, December 2016 – August 2017 and part-time summer research assistant 2017
- Paulina Fedko, part-time volunteer assistant, May 2016 – to present and summer research assistant 2017, remains volunteer in charge of Vasseur Ecology Lab website
- Alexandra Lucas, part-time volunteer assistant, May 2016 – August 2016
- Brent Berron, part-time volunteer assistant, June 2015 – August 2016
- Dana Harris, part-time volunteer assistant, September – December 2015.
- Sydney Dick, research assistant for CURA project, October 2014-March 2015
- Heather VanVolkenburg, summer research assistant and volunteer, September 2014-December 2016 and Match of Minds, summer 2015
- Natalia Marcinkiewicz, part-time summer assistant and volunteer, January 2015-August 2015
- Bassel Arnaout, part-time volunteer assistant, January 2012—May 2016 and Match of Minds, summer 2016
- Tikvah Mindorff, research assistant, March 2015-June 2015
- Wazed Chowdhury, research assistant, March 2015-July 2015
- Nazir Hoosein, summer research assistant, May-August 2014
- Lucie Bergeron, part time volunteer assistant, September 2013—May 2014
- Carla Sousa, part time volunteer assistant, May 2013—December 2013
- Anshul Sidhu, summer research assistant, May-September 2013 (Ontario Summer Experience Works)
- Tara Koch, volunteer assistant, May 2013 –July 2013
- Korosh Hakimi Rezaei, summer research assistant, May-September 2012 (Ontario Summer Experience Works)
- Shannon Daoust, part-time volunteer assistant, January 2012—July 2012
- Vigny Yu, part-time volunteer assistant, January 2012—April 2013
- Rohama Basit, part-time assistant for INWES, December 2011-May 2012
- Sarah Merza, summer research assistant, May-September 2011(Ontario Summer Experience Works)
- Megan Cudmore, summer research assistant, May-September 2010

- Jessica Pike – Brock University, Science Horizons, August 2010- April 2011
- Corbin Gold, summer research assistant, May-September 2010 (Ontario Summer Experience Works)
- Emily Wyszynski, research assistant. May 2008-September 2008
- Benhoing Chen, summer research assistant, environmental studies. MNDN Summer program.
- Patrick Doucet, research assistant, summer 2007-2008.
- Dorothy Robb, research assistant for laboratory. Fednor Internship program. September 2006-September 2007.
- Leah Gibson, research assistant for laboratory (part-time). Fednor Internship program. September 2006-September 2007.
- Crystal Bresson – Laurentian Summer Placement, Laurentian University, January – December 2006
- Lisa Léger, research assistant for my climate change projects, Laurentian University. June 2005—June 2007
- Mohammed Kadoura, Canoraaa Youth Program – BrokerYMCA, Laurentian University, May – December 2005
- Summer Student Placement, Josée Bertrand, Laurentian University, May-August 2005
- Carolina Perez, Undergraduate Biology student, part-time work placement, Laurentian University, January-April 2005
- Kenel DeLusca, research assistant for the NB Sea level rise project, Université de Moncton, May 2003-May 2005
- Lisa Léger, Sciences Horizon Internship – Université de Moncton, Climate change project, May 2004-February 2005
- Maryse Cousineau, Département de biologie, Université de Moncton, summer 2004
- France LeBlanc, Département de biologie, Université de Moncton, summer 2004
- Isabelle Chiasson – Département de biologie, Université de Moncton, summer 2003
- Geneviève Duclos – Département de biologie, Université de Moncton, summer 2003
- Allison Ellis-Herring, Assistant - N. B. Agriculture Profile Project, summer 2003
- Julie Roussel, Trainee- Biology, Université de Moncton. Undergoing training with CCNB-Bathurst, N. B., January-May 2003.
- Sophie LeBlanc, USRA-NSERC – Biology, Université de Moncton, summer 2002
- Marise Robichaud, Assistant (coordinator -- Ecology and Sustainable community Profiles project – Maîtrise en études de l'environnement, Université de Moncton, 2002-2003
- Michelle Brunet, Assistant – Fort Beauséjour (Kouchibouguac), summer 2002
- Kevin Brooks, Assistant – Kejimikijik National Park Project, summer-fall 2002
- André Drapeau, Assistant - Invasive Project and Coastal Management, July-September 2002
- Karen Potter, Assistant - Recovery Plan of Hydrocotyle Development Project, August-December 2002
- Colleen Nordlund, Nova Scotia COOP Program from Department of Culture and Tourism, St Mary's University, summer 2001
- Saida Bowe, SEEP Program, St Mary's University, September 2000-April 2001
- Andrew Letourneau, Nova Scotia COOP Program from Department of Culture and Tourism, St Mary's University, summer 2000
- Josh McLean, Nova Scotia COOP Program from Department of Culture and Tourism, St Mary's University, summer 1999
- Helene LeBlanc, NS Links, St Mary's University, fall 1998
- Heidi Verheul, SEEP Program, St Mary's University, September 1997-April 1998
- Melanie MacDermid, USRA-NSERC – Biology, St Mary's University, summer 1998
- Cheryl Konoff, USRA-NSERC – Biology, St Mary's University, summer 1998
- Denise Galway, NS Links, St Mary's University, summer 1998
- Paula Beckerson, Human Resource Development Program, St Mary's University, summer 1998
- Karen Potter, NS Links, St Mary's University, winter 1998

- Denise Galway, SEEP program (part-time during academic year), St Mary's University, September 1997-April 1998
- Cheryl Konoff, SEEP program (part-time during academic year), St Mary's University, September 1997-April 1998
- Cheryl Konoff, NS Links, St Mary's University, summer 1997
- Sharlene Duncan, SEEP program (part-time during academic year 1996-1997) and SEEP program (summer 1997), St Mary's University

c) Additional Training Workshops or Invited Lectures

- Vasseur, L. 2018. Water and sustainable agriculture. Brock University, SSAS 5P11 Water Management. October 19, 2018.
- Vasseur, L. 2018. UNESCO: presenting the organization and my Chair. Brock University, SSAS 5P01 Sustainability Science. October 17, 2018.
- Vasseur, L. 2017. Helping the landscape: ideas for pest management. Institute of Applied Ecology, Fujian Agriculture and Forestry University, Fuzhou. March 8, 2017.
- Vasseur, L. 2017. How Do Ecosystem Services Help Maintain Ecosystem and Human Health? Institute of Applied Ecology, Fujian Agriculture and Forestry University, Fuzhou. February 11, 2017.
- Vasseur, L. 2016. Experimental designs. Institute of Applied Ecology, Fujian Agriculture and Forestry University, Fuzhou. November 20, 2016.
- Vasseur, L. 2016. Landscape ecology: an introduction of basic concepts. Institute of Applied Ecology, Fujian Agriculture and Forestry University, Fuzhou. October 10, 2016.
- Vasseur, L. 2014. Ecosystem-based adaptation to climate change: how can transboundary water issues? 3rd Transboundary Waters Management in a context of climate change meeting, Quebec City, May 9, 2014.
- The role of facilitator of the adaptation and resilience process in the face of climate change. Summer Institute June 6-11, 2013 and Winter Institute February 17-20, 2014.
- Vulnerability to resilience: simplified tool for coastal communities. Training workshop organized by the Southern Gulf of St Lawrence Coalition for Sustainability and Community University Research Alliance on Climate change challenges. June 15, 2012. Shippagan, NB. Redone October 29, 2012 in Rimouski and November 14 in Fredericton.
- Évaluation environnementale. Atelier de formation dans le cadre du projet du PUCD ACDI Volet 1 sur « La gestion des écosystèmes au Burkina Faso ». Février 2011.
- Gestion environnementale. Atelier de formation dans le cadre du projet du PUCD ACDI Volet 1 sur « La gestion des écosystèmes au Burkina Faso ». Juin 2010.
- Suivi environnemental. Atelier de formation dans le cadre du projet du PUCD ACDI Volet 1 sur « La gestion des écosystèmes au Burkina Faso ». Mars 2009.
- Changement climatique et intégration dans les évaluations environnementales. Atelier de formation dans le cadre du projet du PUCD ACDI Volet 1 sur « La gestion des écosystèmes au Burkina Faso ». Mai 2008.
- Évaluation d'impacts environnementaux. Atelier de formation dans le cadre du projet du PUCD ACDI Volet 1 sur « La gestion des écosystèmes au Burkina Faso ». Mai 2007.
- Gestion axée sur les résultats. Atelier de formation dans le cadre du projet du PUCD ACDI Volet 1 sur « La gestion des écosystèmes au Burkina Faso ». Mai 2004.
- Biodiversity monitoring. Xiamen University and Fujian Agriculture and Forestry University, in China and in Vietnam National University in Hanoi. Training workshop in the Tier 1 project of the Canadian International Development Agency (CIDA) in "Community-Based Conservation Management in China and Vietnam". March 2001.
- Social surveys in environmental assessment. In collaboration with Dr. Gene Barrett, Saint Mary's University. Training at Royal University of Agriculture and School of Agriculture of Prek Leap, Phnom Penh, Cambodia. Training delivered under the Tier 2 CIDA Project on Aquatic Resource Management in Cambodia. January 2001.

- Ecosystem health. Training at Xiamen University and Fujian Agriculture and Forestry University, in China and Vietnam National University in Hanoi. Training delivered under the Tier 1 CIDA Project on Community-Based Conservation Management in China and Vietnam. April 2000.
- Advance training in environmental monitoring and surveillance. Training at Royal University of Agriculture and School of Agriculture of Prek Leap, Phnom Penh, Cambodia. Training delivered under the Tier 2 CIDA Project on Aquatic Resource Management in Cambodia. March 2000.
- Ecological monitoring and public participation. Training at Xiamen University and Fujian Agriculture and Forestry University, in China and Vietnam National University in Hanoi. Training delivered under the Tier 1 CIDA Project on Community-Based Conservation Management in China and Vietnam. November 1999.
- Environmental monitoring and permanent plant diversity plots. Ecological Monitoring and Assessment Network of Environment Canada and Smithsonian Institute. Nanaimo, BC (1999) and Long Point, ON (2000).
- Environmental monitoring – Introduction. Royal University of Agriculture and School of Agriculture of Prek Leap, Phnom Penh, Cambodia. Training delivered under the Tier 2 CIDA Project on Aquatic Resource Management in Cambodia. February 1999.
- Municipal solid waste management. Nunavut Summer Study Program, Saint Mary's University. July 21, 1997.

VIII. UNIVERSITY / COMMUNITY SERVICE

Brock University

- Search committee for the Bioengineering position, Dept. Biological Sciences and Engineering. July 2021 –
- Member of the Research Data Management committee. March 2021 –
- Chair of Equity, Diversity, and Inclusion Strategic Plan committee, Faculty of Math and Science. July 20, 2020 -present.
- Search committee for Ecology and Grapevine Physiology positions, Department of Biological Sciences, April 2020.
- Chair of committee for the governance structure of the Canada-Caribbean Institute. May 2020 –
- Member of the Posthumanism Research Institute. October 10, 2019—
- Member of the Brock Climate Survey Working Group. October 2019—
- Member of the Award for Distinguished Research and Creative Activity committee. May 10, 2019.
- Member of the Academic Advisory Committee for Engineering. July 15, 2019--
- Member of the Brock Internationalization Committee. January 2018--
- Steering Committee of the E-Ontario for open course content in Sustainability Science Minor. Environmental Sustainability Research Centre. January 2017—June 2018.
- Ad Hoc Committee of the Faculty of Graduate Studies on Policy for Faculty Membership, 2016 - 2018.
- Member of the Graduate Committee of the Sustainability Science and Society Masters Program (SSAS), Brock University. May 2014 –June 2018. Member of the SSAS Core Group, July 2018--
- Member of the Strategic Planning and Budget Committee of the Environmental Sustainability Research Centre, Brock University. April 2012 –June 30, 2018 and member of the ESRC since.
- Chair of Engaging Communities Committee of the Environmental Sustainability Research Centre. January 2013 –June 30, 2018
- Biology Department: Undergraduate Studies Committee (member), Awards and Scholarships Committee (Chair), Academic Advisor (Biology), 2012-2018.
- Search committee for Limited Term Appointment professor, Department of Biological Sciences, 2015.
- Undergraduate Studies Committee for the Department of Biol. Sci. (member), Awards and Scholarships Committee for the Department of Biol. Sci. (member, chair for fall 2014), Biological Sciences Departmental Academic Program Review/ Strategic Planning Working Group (member), Undergraduate Academic Advising

- Acting Director of the Environmental Sustainability Research Centre, Brock University. Week of August 11, 2014.
- Acting Chair, Department of Biological Sciences, Brock University, August 20-22, 2012.
- Coordinator OUPFB and BIOL3P70/71 for Department of Biological Sciences, Brock University, 2011 to present.
- Chair of subcommittee on Curriculum Mapping – Undergraduate Programs, Biological Sciences. 2011-2012.
- Representative of Brock University to and on board of directors of CCWESTT (Canadian Coalition of Women in Engineering, Science, Trades and Technology). January 2011 –present
- Member of the search committee for the hiring of a senior lab demonstrator, Department of Biological Sciences, Brock University, June 2011.
- Member of the event organizing committee for the Women Studies program. September 2010—
- Member of the task group (co-author with G. Tattersall) for the Development of the Strategic Plan, Department of Biological Sciences, Brock University, 2011
- Biology representative on the Faculty of Math and Sciences Status of Women in Science. September 2010 – present (and organization of Scientifically Yours)
- Member of Caribou MathQuiz (French translation) – Thomas Wolf, Mathematics, Brock University. June 2009—January 2013

Institutional (other universities)

- External evaluator for the promotion from Associate Professor to Full Professor of an individual in the department of Biology of Nipissing University. July-August 2019.
- External selection committee for internal Canada Research Chair Tier 2, Université du Québec en Outaouais. July-August 2019.
- External evaluator for the promotion from non-tenure to tenure position. University of Regina. December 2016.
- Member of the external examiner committee for the program review of Biological Sciences at UOIT, Oshawa. June 2016.
- External evaluator for the promotion from Associate Professor to Full Professor of an individual in the Department of Environmental Science in the Augustana Faculty of the University of Alberta. July 2015.
- Member of the external examiner committee for the departmental review of the department of Environmental Science of St Mary's University, Nova Scotia. March 2015.
- External evaluator for the promotion from Associate Professor to Full Professor of an individual in the Department of Environmental Science in the Augustana Faculty of the University of Alberta. July 2014.
- Reviewer (with Dr. Norm Catto, MUN) of the proposal master on Climate Change, Faculty of Environment, University of Waterloo. April 2012.
- Member of the external examiner committee for the departmental review of the department of Biology of Saint Francis Xavier University, Nova Scotia. 2010-2011.
- Member of the RMC (Research Management Committee) of CEMI (Centre for Excellence in Mining Innovation). 2007—December 2008 (due to move)
- Member of the SNO (Sudbury Neutrino Laboratory) Board of Directors. 2006—December 2008 (due to move)
- Member of the MERC (Mineral Exploration Research Centre) Board of Directors. 2007 –December 2008 (due to move)
- Member of the Executive Committee of Ontario Council of Universities Research (OCUR) (and member of OCUR since September 2004). June 2005— (vice-chair July 2008-June 2009); Chair of the working group on Ontario Centres of Excellence University Collaboration Agreement renewal and working group on commercialization for OCUR. 2007-2009
- Participant of the AESN (Atlantic Environmental Science Network) – section climate change. First meeting: 31 January 2002, Mount Allison University.

- Member of the Saint-Mary's University Arctic Research Committee, February 1996— August 2001 (resigned since moving to another university).
- Member of the executive committee of International Development Studies Program, Saint Mary's University, December 1996—August 2001 (resigned since moving to another university)
- Vice-Chair of APICS Biology Committee. March 1997—March 1999.
- Acting chair, Department of Biology, Saint Mary's University. A few weeks in 1998.
- Safety representative of Department of Biology, Saint Mary's University. Aug. 1996- June 1998.
- Workshop on resume and jobs in environment. Saint Mary's University, Environmental Student Society. February 1998.
- Member of the Dean Search Committee for the Faculty of Science, 1998.
- Lecturer for the Nunavut Summer Study Program at Saint Mary's. July 21, 1997.
- Acting chair of Department of Biology, April 1997 (2 wks) and June 1997 (1 wk).
- APICS Biology Committee representative for Saint Mary's University, July 1996-1997.
- Statistical advisor of Honors students (3 in 1995/96 and 3 in 1996-1997). Department of Biology, Saint Mary's University
- Member of the Nominating Committee for the Chairperson of the Biology Department, March 1997
- Acting Head of Department of Biology, August 1996 (1 wk).
- Judge for student presentations at the Ecological Society of America, Providence, Rhode Island. August 1996
- Acting Director of Environmental Studies, July-August 1996.
- Exhibit of the Environmental Studies Program at Saint Mary's University, Earth Festival, Halifax, Citadel Hill, July 1996
- Environmental Awareness Week, Clean Nova Scotia Foundation, June 1996
- Judge at the Regional Science Fair, Dartmouth, March 1996
- International Dimension of Post-Secondary Education at Saint Mary's Univ., March 1996
- First Workshop of Job Opportunities in Environmental Science, Environmental Science Student Society, Saint Mary's University, March 1996
- Networking Session with Indonesia, Saint Mary's University, January 22, 1996
- Volunteer organization, Second National Science Meeting of EMAN, World Trade Center, Halifax, January 1996
- Member of the Environment Committee of the Université de Sherbrooke, 1995
- Member of the Biology Social Committee, Department of Biology, Université de Sherbrooke. 1994-1995
- Organization of the Plant Ecology Discussion Group, Department of Biology, McGill University. Winter 1993
- Graduate student representative at the Biology Departmental Retreat, Queen's University. Spring 1990
- Undergraduate representative on the Science Faculty Council, Université de Sherbrooke. 1983-1984
- President of the AEBUS (Association des Étudiants en Biologie de l'Université de Sherbrooke). 1983-1984
- Undergraduate representative on the AEBUS Council, Université de Sherbrooke. 1983.

BIOGRAPHY

- <http://scienceetbiencommun.pressbooks.pub/citoyennesdelaterre/> (in French)
- https://en.wikipedia.org/wiki/Liette_Vasseur

CURRICULUM VITAE

NAME Dr Peter Lawrence Smith (Male)
ADDRESS 32 Palmgrove Road Avalon NSW Australia 2107 **NATIONALITY** Australian
TELEPHONE +612 9918 4387 home +61 404 314 857 mob **DOB** 4/4/1959
EMAIL avalonpete@gmail.com
<https://au.linkedin.com/in/peter-smith-69364856>

Skills Summary

I am an established and highly regarded climate change adaptation and ecosystem management professional. I have more than a decade of experience in leading and delivering high quality programs in climate change impact assessment and adaptation programs across a range of sectors in multiple countries including water, biodiversity and agricultural sector policy and program development. I also have a significant track record and high level of skill in ecosystem management, Ecosystem based Adaptation, biodiversity conservation, natural resource management, and capacity development for environmental management and natural resource management agencies. I have considerable experience in providing high quality, timely and appropriately framed advice on climate change for a range of clients.

In addition, I have a diversity of expertise that spans almost three decades and ranges from policy formulation at both national and local level, on site environmental management, scientific research, field survey, program development, project management, stakeholder engagement to tertiary teaching and professional development. and in recent years my work has had an increasingly global focus as this experience has been gained by involvement with projects in 14 countries over 3 continents including Small Island Developing States in the Pacific. The clients have ranged from National and Provincial governments, The Asia Development Bank, International and Regional Environmental Agencies, including UNDP, as well as on ground projects with local communities.

Language Skills

I am a native English speaker with well-developed communication skills. I am an excellent presenter and am highly regarded for my skills in training and mentoring of professional staff.

VOCATIONAL BACKGROUND¹

April 2013- present Independent Consultant, Ecology & Climate Change,

I have been operating as an independent climate change/ecological consultant since leaving the NSW government in 2013 after more than 20 years as a senior civil servant. To date, I have successfully completed projects for a wide range of clients in multiple countries.

Projects¹

- Pre-Feasibility Study Expert on Coral Reef Ecosystems in select SIDs – technical consultant as part of UNDP led team for the Green Climate Fund Submission to the GCF for the Global Fund for Coral Reefs²
- Environment expert for the Asia Development Bank Technical Assistance Performance Evaluation Report on ADB Climate Change Programs in Vietnam^o.
- International Biodiversity Specialist for Lao PDR 6th National Report sponsored by GEF/UNDPⁿ
- International Project Technical Adviser to the Government of Swaziland for the Strengthening the Protected Areas System of Swaziland project, sponsored by the UNDP /GEF^a.
- Member of the IUCN Oceania Regional Office *Nature-based Solutions Advisory Group*. (Voluntary)^c
- Climate Change Specialist-Expert advice to Asia Development Bank's programs on climate change with focus on measuring resilience measurement for the Pilot Program for Climate Resilience (PPCR)^d.
- Providing expert training for Asia Development Bank staff on Ecosystem Based Adaptation approaches^d
- Principal Consultant, preparing the Proposed GCF funded Pacific, Coastal and Marine Ecosystem Resilience to Climate Change Programme . bid to the Green Climate Fund, jointly managed by the South Pacific Regional Environmental Environment Program and IUCN^{c,m},
- Ecosystem-based Adaptation Specialist. Promoting Ecosystem Services and Forest Carbon Financing in Asia and the Pacific - Study on Opportunities for Investing in Natural Capital, for the Asia Development Bank^p.
- International Adviser for the revision of the 2nd *Jamaican National Biodiversity Strategy and Action Plan* NBSAP for the Government of Jamaica and UNDP^e.

¹ Contacts for each contract in references section

² Latest completed contract. Contact **Penny Stock** UNDP Regional Technical Specialist for Ecosystems and Biodiversity, Africa or **Claudia Ortiz** Regional Technical Advisor – Latin America and the Caribbean Climate Change Adaptation Nature, Climate and Energy Bureau for Policy and Programme Support United Nations Development Programme

- Consultant Ecosystem Ecologist for the SPREP South Pacific Regional Environment Programme - *Choiseul Ecosystem Based Adaptation Project (EbA)* (Solomon Islands)^f
- Consultant for *Eastern Seaboard Climate Change Initiative Synthesis for Natural Resource Management Stakeholders Report* (Australia)^g
- Lead consultant for the GEF/UNDP funded project on *Mainstreaming Climate Risks into Key National Policies* for the Government of Swaziland. This project had a particular focus on the water and agricultural sectors^h.
- lead consultant for the GEF/UNDP led “*National Policy Dialogues to Strengthen National Coordination for Climate Change Adaptation in the Water Sector project*” for the Government of Swaziland^h.
- The International Climate Change Expert for UNDP/GEF and the Government of Seychelles funded project to complete the 2nd Seychelles *National Biodiversity Strategy and Action Plan (NBSAP)*ⁱ.

May 2013 – Jan 2018 Honorary Fellow Macquarie University^j,

I am an Honorary Research Fellow with the School of Biological Sciences at Macquarie University on biodiversity related climate change impact and adaptation research. I have published papers on regional climate modelling for local adaptation programs, the influence of vegetation structure and density on Urban Heat islands and assessing and monitoring the impacts of groundwater extraction on Australian ecosystems. My current research includes groundwater dependent ecosystems and their response to climate variability and Ecosystem based Adaptation strategies of the small island states in Oceania. From July till December 2015 I was the Co Convenor for a course on Climate Change to undergraduate students from various disciplines^l.

June 2013 to Present Regional Chair Oceania Commission on Ecosystem Management IUCN^d

The Commission on Ecosystem Management (CEM) is one of IUCN’s six scientific Commissions. CEM is a network of volunteer experts from around the world working on ecosystem management related issues.

1988 to December 2015 Visiting Academic various Universities^{i,k}

Since the early stages of my career I have been invited on a repeated basis to lecture at several Australian Universities. I have been a course co convenor for Bushland Ecology at UTS and Climate Change at Macquarie University. I have given more than 20 lectures on landscape ecology, biodiversity conservation assessment, ecological evaluation and climate change adaptation.

April 2007–March 2013 , NSW Office of Environment and Heritage^l

In this position I established a Climate Change Science section as well as developed a climate change science profile and strategic research plan for climate change research for NSW. As a result of my work I received an Award for Excellence in recognition of an outstanding contribution for scientific services and the linking of science and policy formulation. In my time in this position I achieved the following:

- Led the development of the NSW Office of Environment and Heritage, Knowledge Strategy for Climate Change.
- led multiple independent research projects looking at climate change and climate variability impacts on terrestrial ecosystems, groundwater dependent ecosystems, coastal impacts, fire weather modelling and urban heat island projections.
- Facilitated a number of “end user” climate adaptation and climate change science workshops. Including leading and facilitating the joint NSW OEH and Climate Futures Macquarie University *Biodiversity Adaptation in a Changing Climate workshop*.
- Provided a lead technical role in the development of a Monitoring and Evaluation Framework for the NSW OEH Knowledge Strategy Program.
- Provided a key role in the design and establishment of the NSW Climate Vulnerability and Adaptation Research Hub. The Hub consists of 3 research nodes Coastal Adaptation, Biodiversity and Resilient Communities.
- Established strong program links and collaboration between the climate change research program and the departmental climate change policy group – which led to a personal award of excellence from the scientific services division.
- Set up and supported the Climate Change Science Research Network. This is an advisory body of high level, independent academics from key Universities and research institutions in NSW.
- Developed the *Climate Change Impacts and Adaptation Research Framework* for NSW in conjunction with the Impacts and adaptation policy group of DECCW.
- In collaboration with DECCW Climate Change Policy established the setting up of the Eastern Seaboard Climate Change Initiative.
- Was the lead scientific advisor and coordinator for the *NSW Climate Impact Profile*

- Established and managed the *NARClIM* project (NSW and ACT Regional Climate Model) this is a collaborative project with the University of NSW and multiple government agencies. The project is budgeted at \$4 million and includes “state of the art” regional modelling and data dissemination programs. Was pivotal in obtaining \$1.8 million dollars in funding from the NSW Environmental Trust for a Climate Change Impacts and Adaptation research program.

November 1999 – April 2007 Principal Terrestrial Ecologist, NSW Department of Natural Resources.

I was responsible for the provision of high level scientific advice to NSW natural resource management policy makers, the monitoring and maintenance of scientific standards for terrestrial ecology in the Department and the development and management of high quality targeted research into terrestrial ecological issues relating to the activities of the department. In this position I achieved the following:

- Provided scientific and project management support for the establishment of the Native Vegetation Mapping program.
- Co- edited the Native Vegetation Mapping guidelines for NSW.
- Developed and orchestrated the implementation of a research and technology transfer program for the Native Vegetation reforms.
- Established and Coordinated the DNR Climate Change Adaptation Program
- Established the Climate Change NRM Adaptation Strategy for the NSW Department of Natural Resources

November 1995 November 1999 Program Manager Native Vegetation NSW Dept of Land and Water Conservation.

I led a team of professional staff who achieved the following:

- Coordinated and Co-authored a scientifically credible methodology for the assessment of likely significance of effect on Threatened species, populations and ecological communities as per the Threatened Species Conservation Act 1995.
- Incorporated computer based assessment tools such as GIS and expert systems.
- Provided detailed training to professional staff involved in the process on a range of technical issues.
- Produced technical material to allow consistent assessment of environmental and socio-economic variables of the various legislative mechanisms involved in the program.

March 1995-September 1995 Member of Hong Kong Consultancy Team

Part of an Australian consultancy team for the Hong Kong Government’s Landslide Prevention Program. During this consultancy I was involved in detailed aerial photographic interpretation work and appeared as an Expert Witness for the H.K. Department of Planning on a land clearing/ development case.

September 1990- Nov1995

State Manager Environment Assessment NSW Dept. Conservation and Land Management

During my time in these positions I achieved the following outputs,

- Establishment of the new Environmental Assessment Unit
- Redeveloped the Crown Land Assessment Guidelines
- Developed ecological assessment models considered State of The Art.
- Significantly raised the general technical standards of Crown Land Assessment
- Was widely accepted within and without the Department as an expert in the field. I conducted consultancies and external projects as well as conducted University lectures based on this expertise.
- Established the framework for a new expanded rapid Crown land Assessment Program. Preparing the program for eventual incorporation into the State GIS.
- Negotiated an MOU with the NSW NPWS that established a cooperative program to develop endangered species modelling

June 1990 to September 1990

Environmental Consultant: Colin Donges and Associates

January 1990 to June 1990

Project Scientist Research and Monitoring, Victorian Department of Conservation and Environment

September 1986-December 1989

Environmental Officer Bushland Management Warringah Shire Council

During my time in this position I achieved the following:

- The establishment of a bushland management program
- Successfully negotiated an increase in the program budget from \$20K to \$450K

- Established a community based volunteer bushland management program. In 1991 Warringah Council won a Landcare award based on this work.
- Considered a leading professional and was invited to be a member of range of scientific panels

June 1980 -December 1984 Construction Engineering Positions and Cadet Building Engineer

My major achievement was the appointment, at the age of 24, as Project Manager of a major construction project (an A \$10 million project in The Central Business District of Sydney). At that time the project was the largest attempted by OTIS Australasia and I was the youngest Project Manager in Australia.

ACADEMIC BACKGROUND

PhD, Macquarie, Sydney, Australia, 2007 School of Biological Sciences

Topic of thesis "Habitat Islands -the influence of the matrix on biodiversity." Degree conferred July 2006

Dip. Nat. Res. (Merit) UNE, Armidale NSW Australia, 1986

Majors: Biodiversity Conservation and Land Use Planning

B.Build, UNSW, Sydney, Australia 1981

Majors: Project Management and Building and Development Economics

Ongoing Training /Certificates

UN Environment, Koln University and ADPC **Disasters and Ecosystems: Resilience in a Changing Climate - Leadership Track**
 UNDSS **BSAFE** Nov 2020

EdX SDGAcademyX: NBS001 **Nature-based Solutions for Disaster and Climate Resilience**

MAJOR COMMITTEES AND TECHNICAL WORKING GROUPS

Since the early stages of my career in natural resources management I have been requested to participate on a number of technical or Advisory groups as a direct relationship to my technical expertise in these areas. The most significant of these include;

2017 - 2019-	Member of the Swaziland National Trust Commission <i>Strategy Advisory Group</i>
2017- ongoing	Member of the International Advisory Committee for the <i>Oceania Ecosystem Services Forum</i>
2016 – ongoing	Member of the IUCN Oceania Regional Office <i>Nature Based Solutions Technical Working Group</i>
2015	Invited Participant of both the High Level Consultation process for the 1 st World Forum on Ecosystem Governance and the 1 st World Forum on Ecosystem Governance Jointly Sponsored by the Government of the Peoples Republic of China and the Commission for Ecosystem Management for IUCN
2013 - 2015	Member Sydney Harbour Coastal Zone Management Plan Scoping Study Advisory Committee
2013 – 2017	Member of the IUCN Commission for Ecosystem Management
2012- 2014	Member of the NSW. Research Scientist Classification Committee.
2012-2014	Steering committee member for the Climate Model Downscaling Data for Impacts Research project (CLiMDIR) at the Climate Systems Centre of Excellence at the University of NSW.
2011- 2014	Member of the Macquarie University, Faculty of Science - Industry Advisory Board.
2010- 2013	Chair of the Climate Futures Advisory Board for Macquarie University.
2009 -2013	Member - Scientific reference panel Great Eastern Ranges program.
2008- 2013	NSW Climate Change Science Research Network.
2003 –2007	Scientific representative member of the NSW State Forests Animal Care and Ethics Committee.
2000-2003.	Expert scientific panel member for the NSW Native Vegetation Technical advisory Group.
1999-2004	Expert panel member on a range of scientific panels for RACAC.
1999-2001	Biological Control of Lantana task force.
1997- 2000	National Regent Honeyeater Recovery Team
1996	The NSW Steering Committee for the Biodiversity Survey Program.
1996.	Forest Ecosystem Working Group for RACAC (Resource and Conservation Assessment Council)
1993 -1996	Panel Member the Natural Environment Evaluation Panel- Australian Heritage Commission.
1990	Save the Bush (Victoria) Steering Committee
1987-1990	National Trust of NSW Urban Bushland Scientific Committee

Publication Highlights

I have over 60, peer reviewed, major reports and journal publications covering a range of topics. Most of this work has had significant impact, with one of my journal articles having more than 350 citations 2 have more than 100 citations and a further 3 have more than 50 citations.

Since 2010

Adams M, **Smith P.L.**, Beattie A.J. 2010 *Impact of spatial disjunction within bio-physical classes on plant species composition: implications for conservation planning*. **Austral Ecology** Article first published online: 28 SEP 2010 Accepted for publication July
DOI: 10.1111/j.1442-9993.2010.02175.x

Hamish G. Clarke, **Peter L. Smith** and Andrew J. Pitman (2011) *Regional signatures of future fire weather over eastern Australia from global climate models* **International Journal of Wildland Fire** 2011, 20, 550–562

Hamish Clarke, Christopher Lucas & **Peter Smith** 2012. *Changes in Australian fire weather between 1973 and 2010* **International Journal of Climatology**. Published online in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/joc.3480

Peter L Smith 2013 *National Biodiversity Planning to Support the Implementation of the CBD Strategic Plan in Seychelles NBSAP Project: Preface, Objectives and Recommendation Components of the Climate Change and Biodiversity for the NBSAP report*. peer reviewed and approved

M.P Adams and **Peter L Smith** 2014 *A systematic approach to model the influence of the type and density of vegetation cover on urban heat using remote sensing* **Landscape and Urban Planning** **32**, 47-54

M. P. Adams, **P. L. Smith** and X. Yang 2014 *Assessing the effects of groundwater extraction on coastal groundwater-dependent ecosystems using satellite imagery.* **Marine and Freshwater Research** (2014).

Peter Smith (2016) Eastern Seaboard Climate Change Initiative - East Coast Lows Research Program- Synthesis for NRM Stakeholders. Held by NSW Office of Environment and Heritage (reviewed and accepted) <http://climatechange.environment.nsw.gov.au/Impacts-of-climate-change/East-Coast-Lows>

Nang Espirito, Paris Kazis, Anders Pedersen, Ina Porras, **Pete Smith** and Paul Steele. 2018 . *Opportunities for Investing in Sustainable Natural Capital in Asia Pacific*. Report for the Asian Development Bank.

Peter L Smith 2018 Discussion Paper: Options for a Framework for Measuring the Impact of Asian Development Bank (ADB) Investment on Climate Resilience. Submitted to the ADB May 2018

Prior to 2010

Mustak Shaikh, **Peter L. Smith**, Alan Ede 1999 New South Wales Implementation Project: *Assessing the status, conditions and trends of native vegetation communities to support vegetation management in low-rainfall cropping lands Sub project Sub project: Native Vegetation Differentiation Tool* - NSW Department of Land and Water Conservation National Land and Water Resources Audit, http://www.anra.gov.au/topics/vegetation/pubs/nat_veg_mgt/case_study_4/grasslands.html

Smith, P.; Wilson, B.; Nadolny, C. and Lang, D. 2000 *The Ecological Role of Native Vegetation in New South Wales*, Native Vegetation Advisory Council, Background Paper No. 2, Department of Land and Water Conservation. (Peer reviewed)

Sivertsen, D. P. & **Smith P. L.** (eds.) 2000 *Guidelines for Mapping Native Vegetation: Version 2.1 – Guidelines and Appendices*. (Internal report) held by New South Wales Department of Infrastructure Planning and Natural Resources <http://www.dipnr.nsw.gov.au> , Sydney (Peer reviewed)

Smith, P. L. & Sivertsen, D. P. 2001 *Native Vegetation Targets - Background Paper A- Landscape Composition for the Maintenance of Biodiversity Values in Production-Oriented Landscapes*. New South Wales Department of Land and Water Conservation. (Peer reviewed)

Sivertsen, D. P. & **Smith, P. L.** 2001 *Native Vegetation Targets - Background Paper B - Setting Goals and Targets*. NSW Department of Land and Water Conservation, Sydney. (peer reviewed)

D. B Lindenmayer, A. D Manning, **P. L Smith**, H. P Possingham, J Fischer, I Oliver, M. A McCarthy 2002) *The Focal-Species Approach and Landscape Restoration: a Critique* **Conservation Biology** **16** (2), 338–345.

Oliver, I., **Smith, P.L.**, Lunt, I. and Parkes, D., 2002. *Pre-1750 vegetation, naturalness and vegetation condition: What are the implications for biodiversity conservation?*. **Ecological Management & Restoration**, **3**(3), pp.176-178.

Smith PL & Sivertsen DP 2003, Background Paper: Version 1.2 Native Vegetation Targets Paper C '1750'; is it a valid concept for the native vegetation targets process for the management and conservation of native vegetation in the agricultural zone of NSW? (peer reviewed Draft discussion paper held by DIPNR).

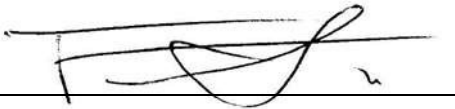
Sivertsen, DP & **Smith, PL** 2006 *Guidelines for mapping native vegetation*. Department of Natural Resources, Sydney. (Peer reviewed)

Project/ Position Referees

- a. Mandy Cadman Regional Technical Advisor United Nations Development Programme mady.cadman@undp.org and Dr Cliff Dlamini CHIEF EXECUTIVE OFFICER - ESWATINI NATIONAL TRUST COMMISSION (ENTC) cliffsdlamini@gmail.com:
- b. Bruce Dunn Environment Specialist and ADB GEF Facilitator Environment and Safeguards Division Asian Development Bank bdunn@adb.org
- c. Mr Mason Smith Regional Director Oceania IUCN Regional Office Mason.Smith@iucn.org
- d. Ms Xianfu Lu xianfulu@adb.org (currently Head of analytics at Acclimatise [xianfu.lu\(at\)acclimatise.uk.com](mailto:xianfu.lu(at)acclimatise.uk.com) or Charles Rogers croddgers.consultant@adb.org Climate Change and Disaster Risk Management Division Sustainable Development and Climate Change Department Asian Development Bank
- e. Ms Sheries Simpson Manager, Projects Branch National Environment and Planning Agency 10 & 11 Caledonia Avenue, Kingston 5 Tel:

876-754-7540 ext. 2336 Mobile: 876-889-0880 SASIMPSON@nepa.gov.jm

- f. Mr Fred Patison Ecosystem-based Adaptation Officer SPREP South Pacific Regional Environment Program +685 21929 fredp@sprep.org
- g. Mr Christopher Lee, Manager Impacts and Adaptation, Climate Change and Air Branch. NSW Office of Environment and Heritage. Now Climate KIC Australia 0457836694 or chris.lee@climate-kic.org.au
- h. Mr Ncamiso Mhlanga Fmr Project Manager UNDP/GEF – Adapting National and Trans-boundary Water resources Management in Swaziland to Manage the Expected Impacts of Climate Change +268 78023557 ncamiso.mhlanga@undp.org (Now at ncamisomhlanga@wateraid.org)
- i. Mr Andrew Griserjohns National Programme Coordinator & Chief Technical Advisor (CTA) UNDP/PCU a.grieserjohns@pcusey.sc
- j. Professor Lesley Hughes Macquarie University, Nth Ryde NSW +612989508195 lesley.hughes@mq.edu.au
- k. A/Professor Ian Goodwin Macquarie University, Nth Ryde NSW +61298508354 ian.goodwin@mq.edu.au
- l. Dr Kate Wilson Executive Director Science, NSW Office of Environment and Heritage. + 61 29995 6298. kate.wilson@environment.nsw.gov.au
- m. Mr Simon Wilson Manager, Project Coordination Unit simonw@sprep.org currently Senior Consultant the Whitelum Group Email: simon.wilson@thewhitelumgroup.com Phone: +61 478 955 845
- n. Dr Margaret Jones Williams (fmr)Head, Natural Resources Management and Climate Change United Nations Development Programme Lao PDR currently Deputy Resident Representative / Head of Office at UNDP Country Office in Suriname. margaret.jones.williams@undp.org
- o. Shimako Takahashi, Evaluation Specialist, INDEPENDENT EVALUATION DEPARTMENT (IED) ADB stakahashi@adb.org



Dr Peter L Smith

CURRICULUM VITAE

DORIS N. MUTTA, PH.D.

P O Box 10894-00100, Nairobi, Kenya

Tel: +254 (0) 722-732-759, Email: doris_mutta@yahoo.com

✓ 32 Years' Experience in Forestry Management, Research and Training.

✓ 6 Years' Senior Programme/Project Management Experience on a National, Regional & International Level.

✓ Ph.D. in Environmental Studies at the University of Strathclyde, Scotland, UK.

CORE COMPETENCIES AND SKILLS:

- | | |
|--|-------------------------------------|
| ✓ Programme/Project Management | ✓ Planning and Organizing |
| ✓ Environmental/Forestry Conservation Expert | ✓ Research and Training |
| ✓ Resource Mobilization and Communication | ✓ Excellent Presentation Skills |
| ✓ People/Team Management & Leadership | ✓ Excellent Interpersonal Relations |

KEY CAREER HIGHLIGHTS:

1. Successfully coordinated and executed the Government of Sweden supported complex 5-year pan-African project 2015-2019 under African Forest Forum (AFF) which exceeded achieved targets by 60% set in the Performance Monitoring Plan.
2. Successfully organized 24 international stakeholders' convenings at AFF including 12 stakeholders' workshops and 12 capacity building workshops in partnership with various governments, NGOs, universities, research institutions, forestry associations, regional and international organizations.
3. Established and maintained partnership with United Nations Industrial Development (UNIDO) in the development of a joint project at AFF on development of private sector in forestry in Africa.
4. Coordinated development of forty-six knowledge products at AFF on eleven themes on sustainable forest management shared with over 1000 stakeholders from 48 African countries through 24 stakeholders' forums.
5. Successfully delivered the Nairobi Convention's 6 Programmes of Work at United Nations Environment Programme (UNEP) for 6 years (2009- 2014).
6. Successfully organized 43 international meetings of the UNEP Nairobi Convention including conferences of parties, meetings of plenipotentiaries, etc. that brought together up to 100 delegates from 10 governments in coastal Africa, NGOs, Academic and scientific institutions in Eastern Africa.
7. Successfully provided technical input to mobilize funding for UNEP Africa Marine and Coastal Programme (approx.US\$4,369,968), Atlantic and Indian Ocean SIDS-IWRM GEF project (USD 12,700,000), WIOSAP GEF project (USD 10,000,000), and Sida supported project on forestry in Africa (SEK24M)
8. Pioneered research on traditional knowledge and genetic resources in Africa that contributed to a strengthened *Africa Biodiversity Programme* at the African Centre for Technology Studies (ACTS).
9. Pioneered national research initiatives on medicinal and nutritious plants of Kenya, intellectual property rights, and biodiversity at the Kenya Forestry Research Institute (KEFRI) leading to establishment of the Division of Medicinal Plants.
10. Promoted thrice at KEFRI from Assistant Research Officer to Research Officer (1992), then to Senior Research Officer (1997) and finally to Regional Center Director in 2003, among other achievements.
11. Twenty-Nine (29) key publications on various forestry and environmental management topics including Forestry Management, Forestry and Poverty Dynamics, Marine Environmental Education, Policy Structure for traditional medicine, integrating agrobiodiversity into National Development among others (See More in Appendix).
12. Two (2) Awards from Darwin Initiative for the Survival of Species Fellowship and International Development Research Centre (IDRC) scholarship award.

WORK EXPERIENCE:

African Forest Forum, ICRAF, Nairobi – Kenya (HQs)

2015 – Date

Programme Manager/Senior Programme Officer (69 reports – consultants and postgraduate students)

A Pan-African NGO focused on sustainable management, use and conservation of forest and tree resources of Africa for socio-economic wellbeing and stability; and improvement of environment.

Duties and Responsibilities:

- Managing two successive projects: *Strengthening Sustainable Forest Management in Africa* – 6 interrelated project components and objectives (2014-2019); and *Strengthening management and use of forest ecosystems for sustainable development in Africa* – 5 interrelated project components (2019-2022).
- Guiding planning and implementation of project activities, including development of annual work plans and budgets, scheduling timelines, tracking project deliverables using appropriate tools as well as QA.
- Preparing semi-annual and annual project progress reports for the Governing Council and Donors.
- Managing, directing, supporting and accounting for the project staff, budget and other resources.
- Supervising about 20 experts annually on various consultancies on green economy, forest certification, governance and fair trade, improving tree germplasm, private sector development in forestry, etc.
- Managing formal partnerships with donors, African Universities, national and regional economic commissions and non-governmental organisations in over 7 African countries.
- Formulating and developing projects for fundraising to Swedish International Development Cooperation Agency (Sida), Global Environment Facility (GEF) and Swedish Research Council (Formas).

United Nations Environment Programme (UNEP)

2009 – 2014

Associate Projects Officer (10 reports – consultants, interns and UN Volunteers)

Duties and Responsibilities: -

- Supporting the Secretariat of the Convention for the protection, management and development of the marine and coastal environment of the Western Indian Ocean region (Nairobi Convention) in the implementation of the Strategy and Programmes of Work.
- Implementing, monitoring, evaluating and reporting on projects' technical and financial aspects which include the five-year UNEP Africa Marine and Coastal Programme, and GEF WIO-LaB Project.
- Planning, organizing and providing technical support to intergovernmental meetings, experts meetings, capacity building workshops, regional and international conferences and follow up actions.
- Formulating and developing project proposal documents for fund raising for various donors:
 1. Government of Sweden: UNEP Africa Marine and Coastal Programme, 2012.
 2. A GEF application: Atlantic and Indian Ocean SIDS Integrated Water Resources Management Project (SIDS-IWRM) project, 2014.
 3. A GEF application: Implementation of the Strategic Action Programme for the protection of the Western Indian Ocean (WIOSAP) project.

Kenya Forestry Research Institute (KEFRI)

1988 – 2009

Regional Centre Director (40 reports: scientific, technical, administrative & support staff)

Duties & Responsibilities

- Managing Kenya's forestry research programme, technical, admin and support staff in the coast region.
- Providing leadership in the development, implementation and reporting of government and donor funded forest research and development programmes and projects at national, regional and global levels.
- Coordinating government funded research programmes on plantation forestry, agroforestry, dryland forestry, natural forests management and protection; and conservation of medicinal plants in Kenya.

- Coordinating donor funded research projects on community rights and biocultural heritage; climate change and small holder innovations; intellectual property rights, forest biodiversity, environmental policy, etc.
- Preparing programmes and projects' work plans, budgets, performance contracts and monitoring, evaluation and reporting on annual performance contracts, and projects.
- Managing and administering financial and human resources towards effective implementation of the approved work plans and performance contracts.
- Providing technical backstopping to government, NGOs, private and local communities organizations on implementation of research projects and dissemination of research findings at the Kenya coast.
- Preparing, coordinating, implementing and reporting on the Centre's annual Performance Contracts for 2005-2006; 2006-2007; 2007-2008; 2008-2009.
- Establishing and maintaining partnerships with national governmental, NGOs, community groups, national and international research institutions.
- Formulating and developing projects for mobilizing resources from funding agencies; European Union, African Academy of Sciences, International Development Research Centre, World Bank.

Other Roles under KEFRI

- **Senior Research Officer:** Team leader in developing and implementing government and donor funded research activities/projects on ethnobotany of indigenous communities of Kenya.
- **Training Manager:** Implementing and reporting of the JICA funded Social Forestry Training Project Phase I and II; spearheading organizing in-service forestry training courses for Provisional, District and Divisional Forestry Officers and Agricultural Extension Officers including from NGOs and Community Based Organisations
- **Training Officer:** Day to day organizing and facilitation of the social forestry training.

OTHER NOTABLE EXPERIENCE

- **PhD. Research Fellow**, African Centre for Technology Studies (ACTS): Developing the economic option/arrangement for sustaining traditional bio-innovation in coastal forests for healthcare in developing countries. Kenya, Madagascar and China. 1997 – 2003
- **Teaching Assistant**, University of British Columbia, Canada: Preparing, facilitating, teaching and assessing First Year Biology students on experimental design, biological and ecosystem dynamics, 1994 – 1995.
- **Field Enumerator**, Ministry of Finance and Planning: National survey on contraceptive prevalence in the Coast Province, 1984

EDUCATION

- Ph.D. Environmental Studies at the University of Strathclyde, Scotland, UK (2003);
- M Sc. Botany at the University of British Columbia, Canada (1996);
- B Sc. Forestry at Moi University, Kenya (1988);

Selected Professional Trainings

- 2017: Training workshop on forest related international agreements. 26-30 June 2017 in Lusaka, Zambia.
- 2017: Training workshop on results- based management monitoring and evaluation organized by ELD Training on 15 to 19 May 2017, Bangkok, Thailand.
- 2016: Regional training course on forest certification for west and central Africa: a soft policy instrument to promote responsible forest management, organized by African Forest Forum in Accra, Ghana.
- 2016: Regional Training Workshop for African Forestry Experts on Forest Related International Agreements for francophone Africa, organized by African Forest Forum in Niamey, Niger.
- 2015: Regional training course on forest certification for eastern and southern Africa: a soft policy instrument to promote responsible forest management (African Forest Forum), Mombasa, Kenya.
- 2015: Regional Training Workshop for African Forestry Experts on Forest Related International Agreements for Anglophone Africa, organized by African Forest Forum in Mombasa, Kenya.

- 2011: Regional expert’s course on Ecosystem Based Management, Valuation of Ecosystem Goods and Services and Ecosystems Assessment organized by UNEP and IMS. Maputo, Mozambique.

Grant Awards

- Darwin Initiative for the Survival of Species Fellowship award for Ph. D in Environmental studies at the University of Strathclyde, Scotland.
- International Development Research Centre (IDRC) scholarship award for M. Sc. in Botany at the University of British Columbia, Canada.

MEMBERSHIPS AND AFFILIATIONS

- Member, IUFRO Global Forest Expert Panel on Forests and Poverty, 2019 – 2020.
- Member, Board of Directors, Kenya Space Agency, Chair of the Audit, Risk and Compliance Committee of the Board, 2018 to date.
- Member/Chair Academic Research & Enterprise Committee of the Council, Karatina University, 2017–2020
- Member, National Taskforce on Traditional Knowledge, Genetic Resources and Traditional Cultural Expressions, Kenya; 2006 – 2010.
- Member, Climate Change Advisory Committee: Ministry of Environment & Mineral Resources, KE, 2010.

Leadership Experience

1. Board Member/Chair: Audit Risk and Compliance Committee of the Kenya Space Agency, 2018 – 2020.
2. University Council Member and Chair: Academic Research and Enterprise Committee of the Council for Karatina University, 2017 – 2020.
3. Patron for the Coast Peoples Forum, 2016 – 2018.

REFEREES:

Professor Norman Clark African Centre for Technology Studies Tel: +254722894808 normanclark49@yahoo.co.uk	Dr. Ebby Chagala Assistant Director, Service Programme, Kenya Forestry Research Institute (KEFRI) Tel: +254 722671027 chagalaodera@yahoo.com	Professor. Gary Bradfield Department of Botany The University of British Columbia Vancouver, B.C., Canada, V6T 1Z4 phone: (604) 822-4993 garyb@mail.ubc.ca
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APPENDIX

Selected Papers and Publications

1. **Mutta, D.**; Mahamane, L.; Wekesa, C.; Kowero, G.; Roos, A. 2021 Sustainable Business Models for Informal Charcoal Producers in Kenya. *Sustainability* 2021,13, 3475. <https://doi.org/10.3390/su13063475>
2. O. H. Razafindratsima, J. Kamoto, E. Sills, **D. N. Mutta**, C. Song, T Sunderland, G Kabwe, C. Ryan, S. E. Brown, P. M. Kristjanson, M. Brockhaus, P. B. Logo, B. N. Mihigo, S. Ongolo, J. Xiao and Y. Zhao, 2020. Book Chapter 2 Forest-Poverty Dynamics: Current State of Knowledge in: D. C. Miller, S. Mansourian and C. Wildburger (eds.) *Forests, Trees and the Eradication of Poverty: Potential and Limitations. A Global Assessment Report. IUFRO World Series Volume 39. Vienna. Pp 95- 124*
3. M. Gabay, J. A. Oldekop, D. Humphreys, J. Kamoto, **D. N. Mutta**, N. Rai, C. Song, J. Timko, L. Vang Rasmussen, J. Zavaleta Cheek, D. Devkota and D. Stoian, 2020. Book Chapter 4 Contextual Factors Shaping Forest-Poverty Dynamics in: in: D. C. Miller, S. Mansourian and C. Wildburger (eds.) *Forests, Trees and the Eradication of Poverty: Potential and Limitations. A Global Assessment Report. IUFRO World Series Volume 39. Vienna. Pp 55-94*
4. C. T. Marunda, **D. Mutta**, W. J. Gapare, T. Alves, M. Mmkwame, and M. Tembani 2019. Situational analysis of trends in tree improvement and germplasm production and impacts on sustainable forest management in Southern Africa. *African Journal of Rural Development (AFJRD) Vol 4 Issue 1 2019 pp 1-32*
5. M. L. Avana-Tientcheu, C. Marunda, E. F. Fongzossie, V. A. Kemeuze, J. R. Ngueguim and **D. Mutta** 2019 Tree germplasm management systems and their potential for sustaining plantation forestry in West and Central Africa. *African Journal of Rural Development (AFJRD) Vol 4 Issue 1 2019 pp 33-64*
6. S. K. Kalonga, D. Teketay and **D. Mutta** 2019. Status of forest certification in eastern and southern Africa sub-regions. *African Journal of Rural Development (AFJRD) Vol 4 Issue 1 2019 pp 109-124*
7. W. Kakuru, G. Kowero, V. O. Oeba, **D. Mutta**, N. Turyahabwe, M. Bukenya2 and E. Busisa 2019. Forest Law Enforcement, Governance and Trade (FLEGT): A mechanism for forest resources management in sub-Saharan Africa. *African Journal of Rural Development (AFJRD) Vol 4 Issue 1 2019 pp 141-154*
8. Demel Teketay, Marie Mbolo, Severin Kalonga, Ahmin Olivier, **Doris Mutta** and Godwin Kowero 2019 Book chapter 1: The role of certification in accelerating sustainable forest management on the continent in AFF, 2019. *The State of Forestry in Africa: Opportunities and Challenges. African Forest Forum, Nairobi Kenya. 186 pp.*
9. Cheboiwo J. K, **D. Mutta**, J. Kipro, S. Gattama 2018. Public Private Partnerships Opportunities for Forestry Sector Development in Kenya: Synthesis of Primary and Secondary Production Actors, and Trade. *Journal of Environment and Earth Science* www.iiste.org ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online) Vol.8, No.1 2018
10. Swyerska, K., Reid, H., Song, Y., **Mutta, D.**, Ongugo, P., Pakia, M., Rolando O and Barriga, S. 2018. Traditional Knowledge and Crop Varieties as Adaptation to Climate Change in South-West China, the Bolivian Andes and Coastal Kenya. In D. Nakashima, I. Krupnik, & J. Rubis (Eds.), *Indigenous Knowledge for Climate*

Change Assessment and Adaptation (pp. 152-168). Cambridge: Cambridge University Press.
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11. Melita S., M. Pabari, T. Andrew, G. Maina, J. Church, A. Momanyi, B. Mibei, M. Monjane, A. Shah, M. Menomussanga and **D. Mutta** 2015. *Resilience of coastal systems and their human partners: Ecological and social profile of coastal systems in Kenya, Mozambique, and Tanzania*
12. Swyerska K, Y. Song and **D. Mutta** 2014 *Indigenous Knowledge and Climate Change: Foundations for Assessment and Adaptation" UNESCO.*
13. Oteng-Yeboah A., **Mutta, D.** Byarugaba D., and Mala W. 2012. Book Chapter 2: Africa in: Parrota J, A. Trosper and Ronald L. (Eds) *Traditional Forest-Related Knowledge: Sustaining communities and biocultural diversity.* World Forests, Vol. 12 2012, 2012, XXVI, 621 p. 77 illus., 58 in color.
14. UNEP, 2012 *Integrated Water Resources Management: Planning Approach for Small Island Developing States.* Chiramba, **D Mutta**, E. Khaka, R Silva and C Odhiambo (ed. s) V Chase, D Bushell and L Louisy (authors). UNEP ISBN: 978-92-807-3254-2
15. Swiderska K., Song Y., Li J., Reid H., and **Mutta D.** 2011: *Adapting agriculture with traditional knowledge.* IIED Briefing. October 2011.
16. Richmond M., Lugendo B., Francis J. and **Mutta D.** 2010. *A School Teacher's Guide to Marine Environmental Education in the Western Indian Ocean region, Second Edition.* Nairobi Convention Secretariat and WIOMSA. ISBN 9987-651-02X
17. **Mutta D,** B Kirongo, W Ayiamba and S Wairungu 2007 *Fostering large area biodiversity conservation approaches through a participatory approach in Arabuko Sokoke Forest.* Presented at the KWS International Conference, April Nairobi, Kenya
18. Munyi P and **D Mutta** 2007 *Protection of Community Rights over Traditional Knowledge: Implications for customary laws and practices.* ICIPE Science Press. 2007 ISBN 92 9064 198.
19. 2006 Contributed to CBD document UNEP/CBD/WG8J/4/7 on *Development of elements of sui generis systems for the protection of traditional knowledge, innovations and practices.* Presented during the 4th meeting of Ad-Hoc Open ended, inter- sessional working group on Article 8 j and related provisions of the Convention on Biological Diversity. January 2006, Granada Spain.
20. **Mutta D.** 2004. *Policy Structure for traditional medicine and medicinal and aromatic plants (MAPS) in Kenya.* Policy case study prepared for the Kenya Working Group on Medicinal and Aromatic Plants (KWGMAPS) discussed at policy consultative forum July 2004. A chapter in a book on MAPS in Kenya.
21. **Mutta D.** 2003. *Mainstreaming traditional knowledge into national development.* Paper presented at a Regional workshop for traditional medicine and medicinal plants Eastern Africa. November, Arusha, Tanzania.
22. **Mutta D.** 2003. *Economic basis for sustaining traditional bio-innovation in developing countries: The case of health care in Madagascar and Kenya.* Thesis, in fulfilment of requirements for the degree of Doctor of Philosophy, Ph. D. Strathclyde University, Scotland. August.
23. **Mutta D.** 2002. *Capacity building for bioprospecting: Opportunities for the Giriama at the Kenya Coast.* Paper presented at the International Symposium on Medicinal and Aromatic Plants. May, Rabat, Morocco.
24. **Mutta D.** 2001. *Sustainable utilization of plant genetic resources for medicine: Policy and legal issues.* Paper presented at the first national workshop on medicinal, aromatic and other underutilized plants, November 2001. Naivasha, Kenya.
25. **Mutta D.,** L. A. Thrupp, T. Simons. 2000. *Integrating agrobiodiversity into National Development: Policy and institutional considerations.* Case study on agrobiodiversity ([http://www.biodiv.org/doc/casestudies/cs-agr-wri .pdf](http://www.biodiv.org/doc/casestudies/cs-agr-wri.pdf)) December.
26. Mugabe J., P. Kameri-Mbote and **D. Mutta.** 2000. *Options for protecting traditional knowledge.tk. and expressions of folklore.* Africa position paper on Intellectual Property Rights and Traditional knowledge and Folklore presented to WIPO. March. <http://www.ielr.org/content/w0105.pdf>, www.acts.or.ke/paper%20intellectual%property.htm
27. **Mutta D.** 1999. *Traditional knowledge and health care.* Presentation to post graduate students at the Graduate School of Environmental Studies. University of Strathclyde Scotland. October.

28. Ole Lengisugi, M N., **D Mutta**. 1998. Use of plants with Antibiotic effects. Contribution to World Bank Indigenous Knowledge Program. www.worldbank.org/afri/ik/ikpacks/health.htm
29. **Mutta D**. 1997. Bioprospecting and Benefit sharing. Paper presented at the 7th Global Biodiversity Forum held in Harare Zimbabwe organised by ACTS, WRI, IUCN, WWF. June.
www.gbf.ch/desc_workshop_old.asp?no=10&app=&lg=EN&now=1
30. **Mutta D**. 1996. Antibiotic screening of medicinal plants used by the Giriama people of Kenya M Sc. Thesis done in partial fulfilment to the M Sc. degree at the University of British Columbia.

CURRICULUM VITAE

Bernal Herrera-Fernández, MSc, MS, PhD.

Professor & Researcher, National University, Costa Rica

Invited Professor, Polytechnic Institute of Mexico

Research collaborator, Brock University, Canada

Biodiversity Conservation and Sustainability Science Executive / Consultant

Vice-chair Latin America & the Caribbean at the Commission for Ecosystem Management of the International Union for Conservation of Nature

E-mail: bernal.herrera.f@gmail.com

Deputy Director, Foundation for the Development of the Central Valley Mountain Range (Fundecor), Costa Rica. (2016-2019)

Founder and ex-Director, "Kenton Miller" Latin-American Chair of Protected Areas & Biological Corridors, Agriculture Research and Higher Education Center (CATIE), Turrialba, Costa Rica

Associate Professor, International Institute for Wildlife Conservation and Management (ICOMVIS), National University, Heredia, Costa Rica.

Vice-president for Latin American and Caribbean, Commission of Ecosystem Management, IUCN (2016-present)

Regional Chair for Central America, World Commission of Protected Areas, IUCN (2013, 2017).

Regional Chair for Mesoamerica, Commission of Ecosystem Management, IUCN (2012-2019)

Vice-President, Biodiversity Partnership Mesoamerica (a private sector initiative for business that benefit biodiversity conservation) (2015- 2019).

+6 years in leadership positions, developing strategic planning, projects, establishing partnerships and communication strategies.

8+ years in conservation project management and monitoring systems at different spatial scales.

8+ years developing strategies and tools to incorporate scientific information in the decision-making cycle, including climate change issues.

10+ years developing methodologies and tools for sustainable forest management and conservation at multiple scales (national and international initiatives) and in disseminating technical and scientific information.

+5 years developing remote sensing and geographic information systems applications for supporting natural resource management.

10+ years' experience in teaching students at undergraduate, graduate, and decision-making levels.

Supported the fundraising of + \$76M for biodiversity conservation.

Languages: Spanish (native), English (proficient) and German (intermediate working level)

1. ACADEMIC QUALIFICATIONS

1.1. University

- 08.2019 – 07.2020 • Master's degree. Social Innovation and Solidarity Economy. University of Salamanca, Spain.
- 04.2000-06.2003 • Doctor Rerum Naturalium. (Final grade 1.3, *Magna Cum Laude*) Department of Remote Sensing and Landscape Information Systems, Faculty of Forestry and Environmental Sciences. University of Freiburg, Germany.
- 01.1994 – 02.1996 • Master's degree (M.Sc.). Management, Silviculture and Tropical Forest Management. Tropical Agriculture and Higher Education Center (CATIE). Turrialba, Costa Rica. (Honors)
- 03.1990 – 11.1993 • Forester. National University. Heredia, Costa Rica.
- 08.1990 – 08.1991 • Computer Operator. BYTE Study Center. Alajuela, Costa Rica.
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2. PROFESIONAL TRAINING

08.2018	• Knowledge Management Systems, DNV-GL, Amend, The Netherlands.
04. 2008	• Team Management. INCAE Business School, Alajuela, Costa Rica
11.19 – 11.24, 2007	• Team Management and Leadership. INCAE Business School, Alajuela, Costa Rica
01,2006	• Conservation Area Planning Training. San Francisco, California.
07, 2006	* Managing High Performance Teams. ADEM Business School. San Jose Costa Rica.
05.06 – 09.06, 1995 *	Statistical analysis in Agriculture with software SAS. Univariate methods. Tropical Agriculture and Higher Education Center (CATIE). Turrialba, Costa Rica.
09.07 – 13.07, 1997 *	Statistical analysis in Agriculture with software SAS. Multivariate methods. Tropical Agriculture and Higher Education Center (CATIE). Turrialba, Costa Rica.
26.05 - 24.06, 1998 *	Ecological analysis and forest site cartography (ARC-VIEW) as a base of silvicultural planning. Deutsche Stiftung für internationale Entwicklung (DSE), Zschortau, Germany.
06.2000	* Forest Resources in France and Germany. ENGREF. Nancy, France.

3. PROFESSIONAL EXPERIENCE

2.1 Natural Resource Management

01.2020- present. Technical Advisor, nature-based solutions initiatives, and CBD post 2020 framework, Expertise France-European Union

- Advisor, Ministry of Environment and Energy, Costa Rica (05.2018-03.2020)
 - Coordinate the design of the national policy on nature-based solutions under the leadership of the Ministry of Environment and Energy of Costa Rica (Consultancy, Fundación Banco Ambiental, Costa Rica)
 - Coordinator CBD Post 2020 European Union Biodiversity Support Project for Costa Rica
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01.2019 –present. Project Manager, Fundecor, Costa Rica

- Lead and coordinate biodiversity and protected areas adaptive management project.
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05.2016 – 01.2019 Deputy Technical Director, Fundecor, Costa Rica

- In coordination with the CEO, lead the development of the 5-year strategic, and monitoring plan for the institution, including the operative annual plans, organization business plan and reporting on their implementation.
- Support the budgeting process and monitoring its implementation in the programs supervised.
- Supervise 4 thematic programs and 20 technical staff including consultants.
- Technical lead of key organization programs in innovative areas such as public-private alliances (Agua Tica), knowledge transfer (“The Costa Rica Green Hub”), landscape resilience (Sarapiquí Resiliente) and sustainable forest management and ecosystem services (Buena Madera).
- Lead the development of innovative technology applications (e.g. drones and Lidar data, citizen science, apps) to increase local and national capacity to address societal challenges such as climate change and biodiversity loss.

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- Prepare a strategy to develop innovative knowledge to support the above-mentioned programs and as a basis for new organization business models.
 - Design and implement a national and international partnership program that underpins the organization strategy.
 - Support the Executive Director in the identification and preparation of financial opportunities for the key organization programs.

05.10- Director, “Kenton Miller” Latin-American Chair on Protected Areas &

04.16 Biological Corridors, CATIE, Turrialba, Costa Rica

- Design and conduct applied research in Latin America on protected area management, management effectiveness monitoring, landscape monitoring strategies, climate change, protected area managing plans methodologies, and biological corridors strategies.
- Design and implement a Latin America capacity building and training strategy to increase capacity in protected area systems management.
- Establish a network of partners that supports Chair’s objectives and long-term goals.
- Design a regional technical cooperation program that supports and strengthening regional capacities in protected areas.
- Design and implement a fundraising strategy.

Key projects

Strengthening the coastal-marine protected area system of the Northern Honduras. GEF/PNUD/Minister of Environment. \$3,2M. 5 years.

- Project negotiation with UNDP and Government of Honduras
- Project coordinator for CATIE (ca. 15 staff, including consultants).
- Prepare annual work plan
- Provide the overall technical advice for the project
- Coordinate with the Minister of Environment of Honduras and other national and local partners.

Regional Climate Change Program for Central America and Dominican Republic” (CATIE/USAID). \$18M, 5 years.

- Co-lead the international consortia (UICN/DAI/Terra Global/Care/TNC) for project proposal preparation.
- Coordinate the technical proposal preparation.
- Provide technical advice in the implementation phase.
- Provide management advice to the Chief of Party.
- Member of the of Project Steering Committee

Identification of the Red List of Ecosystems for Costa Rica. (IUCN, \$200K, 2 years)

- Design and implement the research, including team assemblage, data, and GIS modelling.
- Present results to global coordination team and international meetings.

Design methodologies for enhancing adaptive capacity and climate change adaptation and its synergies with mitigation for protected areas and functional conservation areas in Central America. (Several donors: GIZ, Costa Rica por Siempre, \$2M, 5 years),

- Design of methodologies for improving the adaptive capacity (planning and monitoring) in protected areas and conservation corridors in Central America (e.g. guidance for ecological integrity assessment in PA, guidance for designing biological corridors in Latin America).
- Design of standards for designing and monitoring governance in protected area management in Central America.
- Design guidelines for assigning management categories in PA.
- Prepare guidelines for designing national climate change adaptation strategies (e.g. Estrategia Nacional de Adaptación del Sector Biodiversidad al Cambio Climático en Costa Rica).
- Develop of ecological, governance, coastal-marine, indicators for management effectiveness monitoring.

07.09-
04.10 **Science Director. Northern Andes & Southern Central America Region (NASCA),
The Nature Conservancy.**

- Develop a strategic Plan to fulfill science priorities of five countries in the NASCA Region.
- Reengineer science team to align science objectives with conservation practitioner's information needs.
- Manage and mentored a high-level science team (5 members).
- Provide technical and scientific guidance for aligning regional science needs with Latin American science needs.
- Coordinate ca. 20 conservation projects on terrestrial, freshwater, and marine issues.
- Design a regional climate change vulnerability analysis and supported the design of adaptation strategy in key priority sites.
- Develop and prioritize a regional science agenda based on regional (5 countries) information needs.
- Support the development of tools for conservation planning, including infrastructure projects.
- Support the definition of regional conservation goals for terrestrial, freshwater, and marine biodiversity.
- Design monitoring systems and tools to evaluate the effectiveness of protected areas strategies for priority global projects.

01.07 – 08.08 **Scientific coordinator of Climate Change, The Nature Conservancy,
Mesoamerican & Caribbean Region, Science Program**

- Develop of a Regional science agenda based on Mesoamerican country needs.
- Communicate results and look for synergies within the Region and with TNC Global Groups.

07.08 – 06.09 **Science Manager. National Implementation Support and Partnership Program, TNC, Mesoamerica & Caribbean Region**

- Support the national biodiversity (terrestrial, freshwater, marine) gap analysis in protected areas systems in Mesoamerica & Caribbean Region.
- Provide technical assistance for designing resilient protected area systems to climate change.
- Provide technical assistant to the ecological integrity evaluation project for the Protected Area System of Guatemala and Colombia.

03.04 – 07.09 **Science Manager, The Nature Conservancy, Costa Rica Program.**

Management responsibilities:

- Program strategic planning and budgeting and its integration with National Planning and Regional Planning processes.
- Personal recruitment, motivation, and coaching.
- Identification and monitoring of key partners and develop strategic alliances according to Program objectives and scientific needs.
- Develop a communication strategy.
- Support and prepare fundraising proposals.

Key projects

Climate change science and biodiversity

- Provide scientific support on the definition of the Climate Change Strategy for the Biodiversity sector.
- Participate as an expert in two CBD *Ad Hoc* Expert Meetings for providing recommendations for countries on mitigation and adaptation issues.
- Develop tools, including monitoring strategies, for assessing the resilience of the Costa Rica protected areas and biological corridors.
- Integrate adaptation for climate change issues, on TNC national and site planning, including TNC priority campaigns (e.g Costa Rica Forever).

***Development of long-term financial mechanisms for protected area management:
(Forever Costa Rica)***

- Design the technical investments for achieving conservation goals.
- Ensure scientific quality of project deliveries.
- Provide guidance in project planning and implementation plan.
- Ensure the articulation of the project with other national strategies.
- Provide scientific advice on the project contribution to climate change adaptation.

Ecoregional Assessment, Southern Mesoamerica.

- Provide technical support.
- Coordinate national process with regional initiatives.
- Review Ecoregional Assessment Portfolio and integrate the results in the national planning process.

Strengthening the Protected Area Management of the Costa Rican National Protected Area System (SINAC)

- Developed a manual of best practices for developing protected area management plans.
- Identification of major barriers on implementing protected areas management plans.
- Design and develop a methodology for measuring the managing effectiveness in biological corridors.

The Costa Rica Gap Analysis: GRUAS II.

- Member of the technical committee for the terrestrial realm, providing technical coordination and integration with other national initiatives.
- Coordinator of the technical committee for the preparation of the marine gap analysis.
- Member of the Marine National Committee, providing technical guidance in preparing the “National Marine Strategy for the Management of Costa Rica Coastal Marine Resources”.
- Along with government representatives, coordinate the development of implementation plans for filling the identified conservation gaps.

National Monitoring Strategy for Protected Areas and Biological Corridors

- Member and Coordinator of the National Committee.
- Provided technical support to the National Monitoring proposal.
- Establish joint ventures with academic and NGOs in order to implement the monitoring proposal.
- Ensures the inclusion of climate change variables in the monitoring system.
- Develop, along with academic institutions, spatial models for predicting climate change impacts on protected areas and biological corridors at national level.

***Research Program on Biological Corridors Design and Management
TNC-CATIE***

- Define and prioritize research topics relevant to national and local information needs.
- Advise the research projects.
- Communicate and incorporate research results on decision making process.

Development and implementation of a research agenda for supporting management decision process

- Identify key research themes regarding the following key-knowledge areas (all in Costa Rica): socioeconomic and biophysical impact of hunting, developing ecological indicators in different ecosystems, effects of invasive species in native biodiversity, rapid ecological and socioeconomic appraisals, and development of biological corridors and modeling future scenarios of climate change and impacts on Costa Rican biodiversity distribution.
- Develop a knowledge management protocol for identifying and monitoring the integration of the developed research into the decision making process of TNC partners.

Conservation of International Park La Amistad, Costa Rica, Panamá.

- Provide technical assistant and leadership in the developing of a conservation area plan, including the biophysical and socioeconomic assessments as well as the development of conservation strategies.
- Design an ecological monitoring program for the La Amistad National Park and buffer zones.
- Design a biological corridor between La Amistad and Osa protected areas.
- Scientific advisor for the Conservation Area La Amistad Pacifico, SINAC.

Conservation in the Osa peninsula, Costa Rica.

- Technical advisor for the development of 7 protected area management plans.
- Provide technical assistant and leadership in the developing of a conservation area plan, including the biophysical and socioeconomic assessments as well as the development of conservation strategies.
- Develop a measure of success standard to evaluate the effectiveness of the implemented conservation strategies.
- Design and implement ecological monitoring program at landscape scale for the Osa Conservation Area.

Development of information systems and information tools

- Develop of GIS databases for La Amistad and Osa sites.
- Chief editor of TNC Technical Series “Apoyando los Esfuerzos de la Conservación y Manejo de la Biodiversidad Neotropical”.
- Design of communication mechanisms for sharing spatial and tabular information and conservation kit-tools.

Project Manager

02.1996 -02.1998 Cooperative Research Project in Forest Site Quality Evaluation. Tropical Agriculture Research and Higher Education Center (CATIE) and Center for Agricultural Research (CIA) of the University of Costa Rica, Costa Rica.

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4. SCIENTIFIC EXPERIENCE

Research Collaborator

08.2019-present Project: "Beyond sustainability: radical transformation through system thinking". Brock University, Canada.

• Senior Scientist

06.2002-12.2003 Project "GSE Forest Monitoring". Department of Remote Sensing and Landscape Information Systems, University of Freiburg, Germany and European Space Agency (ESA).

- Coordinated European institutions in the development of training activities regarding the application of remotely sensed products for decision making.
- Reviewed and improved the training curriculum in European countries.
- Identified cost and benefits of the training in different time-frames.

Project "STURMMOM" Department of Remote Sensing and Landscape Information Systems, University of Freiburg, Germany.

- Developed spatial models for predicting storm damages at landscape scale in the Black Forest, Germany.
-

Scientist

03.2003-08.2003 Biodiversity Assessment Tools Project. Identifying Indicators to assess the impact of European Policies on Biodiversity. University of Freiburg, Germany. (EU Project)

- Selected and analyzed effective indices for landscape description (structure and function)
- Developed a methodology for developing statistical models for biodiversity monitoring.
- Analyzed the spatial distribution of biodiversity in European landscapes by means of statistical modeling.

04.2000-12.2001 Tree Resources Outside the Forest Project (TROF). Department of Remote Sensing and Landscape Information Systems, University of Freiburg, Germany. (EU Project).

- Developed spatial models to evaluate factors affecting the spatial distribution of trees and group of trees in a landscape in Honduras
 - Established a geo-database (GIS) and evaluated its accuracy
 - Analyzed the spatial distribution of trees and group of trees using GIS procedures.
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Scientist

02.1996–
02.1998 Cooperative Research Project in Forest Site Quality Evaluation. Tropical Agriculture Research and Higher Education Center (CATIE) and Center for Agricultural Research (CIA) of the University of Costa Rica, Costa Rica.

- Identified research needs and prepared research proposal.
- Prepared strategy plan and annual work plans.
- Planned the field activities.
- Designed soil fertility surveys in tropical forests.
- Developed site productivity indicators and analyzed its relation to environmental variation in tropical secondary forest of Northern Costa Rica.
- Developed statistical models to assess and predict site quality in tropical secondary forest.
- Research results disseminated in congress and published in national and international journals.
- Supervised research assistants and field crews.
- Offered academic advisor to M.Sc. students.

• Scientist

10.1998 – 12.1998 Production in Secondary Forest Project. Tropical Agriculture Research and Higher Education Center (CATIE) and Center for International Forestry Research (CIFOR), Costa Rica.

- Prepared a soil protocol to carry out surveys in Brazil, Peru and Nicaragua.
 - Prepared a research proposal to assess the potential management at a landscape level of secondary forests in the Peruvian Amazon.
 - Visited possible research sites in the Peruvian Amazon.
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Research Assistant (as undergraduate student)

01.1994 – 2.1995 Silviculture of Natural Forests Project CATIE-COSUDE-ODA. Tropical Agriculture Research and Higher Education Center (CATIE), Costa Rica.

01.1992- Management and Conservation of Costa Rican Wetlands. School of
12.1992 Environmental Sciences, National University, Costa Rica.

- Mapping (photo- interpretation) Costa Rican wetlands.
- Wetland database design and management.

5. PROFESSOR

• **Professor**

08. 2007 - present Affiliate Professor/ Professor, Graduate School, Agriculture Research and Higher Education Center (CATIE)

06.2014 - present Invited Professor. Polytechnical Institute of Mexico.

03.2008- present Associate Professor, International Institute for Conservation Wildlife Management, National University, Heredia, Costa Rica.

2011-2014 Coordinator, International Course on Protected Areas and Biological Corridors, Agriculture Research and Higher Education Center (CATIE).

1996 – 2020 Thesis committee member of 21 graduate students at Graduate School, Agriculture Research and Higher Education Center (CATIE), National University and University of Freiburg, University of Chapingo-Mexico, University of Linares-Mexico, in topics related to landscape ecology, environmental factors affecting forest productivity and growth in Costa Rica, Nicaragua, and Guatemala, design and management of biological corridors, management monitoring tools, protected areas management, financial mechanisms.

8.1998 – 12.1998 Ecology and Forest Ecology. School of Environmental Sciences, National University, Costa Rica

Guest Researcher and Post-docs

02.2020-present Brock University, Canada
Guest researcher, project “Beyond Sustainability”.

10-12, 2003 University of Freiburg. Developing automatic methods using object-oriented approaches for extracting information from LIDAR imagery. (Post-doc).

04, 2003 University of Castilla-La Mancha, Campus Toledo. Developing statistical models for predicting plant biodiversity in Spanish landscapes.

12, 2000 University of Agricultural Sciences, Vienna, Austria. Analyzing segmentation and classification algorithms for automatic classification of forests.

8. CONSULTANCIES

2021	<u>International Union for Conservation of Nature (IUCN)</u> Analysis of protected areas contribution to reduce deforestation in the Selva Maya (México, Belize, Guatemala).
2020-present	<u>Fundación Natura, Panamá.</u> Design a monitoring system of organization conservation impact.
2019 -present	<u>Fundación Natura Panama. Optimization strategy of foundation's environmental found investments in biodiversity conservation.</u>
2019-	<u>International Union for Conservation of Nature (IUCN).</u> Design of a Biological Connectivity Network in Selva Maya (México, Belize, Guatemala)
2014	Asociación Costa Rica por Siempre. Conservation investments prioritization system.
2014.	<u>Red Latinoamericana de Fondos Ambientales.</u> Technical assistance for developing an conservation impact monitoring system.
2014	<u>IUCN- World Heritage Program UNESCO. Co-lead, reactive monitoring mission, Coiba National Park, Panama.</u>
04- 07 2004.	<u>Programa Ambiental para Centro America (PROARCA), The Nature Consevancy, USAID. Develop ecological integrity tools for protected areas.</u>
06-07. 2004	<u>Aide à la Décision Economique, for the European Commission, Belgium. Assessment of European Union coastal-marine projects in Central America.</u>
06 – 10. 1999	<u>The World Conservation Union (UICN). Forest Innovation Project (UICN, WWF,GTZ). Develop forest management indicators at landscape level in Central America.</u>
10.1996 – 02.1997	<u>Food Agriculture Organization of the United Nations (FAO), Comisión Centroamericana de Ambiente y Desarrollo (CCAD) y Consejo Centroamericano de Bosques y Areas Protegidas (CCAB-AP). Develop forest management standards in Central America.</u>

8. DISTINTIONS

- Coordinating Lead Author, Americas Assessment. IPBES (2014-2018)
- Climate Change Coordinator and Member of the Organization Committee. III Latin American and Caribbean Protected Area Congress (2019)
- Chair's Award, Commission on Ecosystem Management, UICN (2016)
- President, Scientific Committee, Congress of the Mesoamerican Society of Conservation Biology (2012, 2017)
- Member (2012-present) and Member of the Board, Tropical Science Center, Costa Rica (2018-present).
- Member of the Official Delegation of Costa Rica in CBD COP-7, Nagoya, Japan
- Vice-President for Latin American and the Caribbean, Commission on Ecosystem Management, UICN (2016-present)
- Regional Vice-Chair for Central America, World Commission of Protected Areas, IUCN (2013-2017).
- Regional Chair for Mesoamerica, Commission of Ecosystem Management, IUCN (2008-2016).
- Research fellowship. University Castilla-La Mancha, Toledo, Spain (2003).
- Scholarship, German Academic Exchange Service (DAAD), doctoral studies in Germany (1999-2003).
- Scholarship for a training course in Germany. Deutsche Stiftung für internationale Entwicklung (1998).
- M.Sc., Graduate School, CATIE. Honors (1996).
- Scholarship ROCAP/USAID. M.Sc Graduate studies at CATIE, Costa Rica (1993).
- Forest engineer, National University, Heredia, Costa Rica. Honors (1993).

8. SCIENTIFIC PRODUCTION¹

Kohl, J., & Herrera-Fernández, B. (2021). Condition-based protected area zoning tied to conservation planning and targets. *PARKS*, 27, 43.

Anderson, C. B., Seixas, C. S., Barbosa, O., Fennessy, M. S., Díaz-José, J., & **Herrera-F, B.** (2019). Determining nature's contributions to achieve the sustainable development goals. *Sustainability Science*, 14(2), 543-547.

Bland, L. M., Nicholson, E., Miller, R. M., Andrade, A., Etter, A., Ferrer-Paris, J. R., **Herrera, B.** & Zager, I. (2018). Impacts of the IUCN Red List of Ecosystems on Conservation Policy and Practice.

Alvarado, JJ, **Herrera, B**, Corrales, L, Asch, J, Paaby, P. 2011. Identificación de las prioridades de conservación de la biodiversidad marina y costera en Costa Rica. *Rev. Biol. Trop.* 59 (2): 829-842.

Herrera, B., Finegan, B. 2008. La planificación sistemática como instrumento para la conservación de la biodiversidad. Experiencias recientes y desafíos en Costa Rica. *Recursos Naturales y Ambiente* 54:4-13

Arias, E; Chacón, O; **Herrera, B**; Induni, G; Acevedo, H; Coto, M; Barborak;JR. 2008. Las redes de conectividad como base para la planificación de la conservación de la biodiversidad: propuesta para Costa Rica. *Recursos Naturales y Ambiente* 54:37-43.

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Andrade, A, **Herrera, B.** Cazzolla, R. 2010 (eds) Building Resilience to Climate Change: Ecosystem –based adaptation and lessons from the field. Gland, Switzerland, IUCN. 164p.

Chaverri, A., **Herrera, B.**, Herrera – McBryde, O. 1997. La Amistad Biosphere Reserve (Costa Rica – Panama). In: Centers of Plant Diversity: a guide and strategy for their conservation. Vol 3. Ed. By S.D. Davis et al. WWF-UICN. Washington DC. P 209-214.

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9. References

Upon request

Madhav Bahadur Karki, Ph.D. (Forestry); M.S. (Natural Resources Management); BSc. Agri. (Hons)

Natural Resources Management, Climate Change and Sustainable Development Specialist

<https://scholar.google.com/citations?user=JznetCOAAAAAJ&hl=en>

https://www.researchgate.net/profile/Madhav_Karki

SUMMARY

Dr. Karki has over 40 years of professional experiences in Natural Resources Management, Climate Change, and Sustainable Development in the Himalayan and Southeast Asian countries. He holds Ph.D. and MS degrees in Forestry and Natural Resources Management from US universities. He is an Expert Member of Nepal's Environment Protection Council (EPC). He is the founder and Executive Director of Centre for Green Economy Development, Nepal (CGED-Nepal). Besides, he voluntarily serves as: a) Deputy Chair, IUCN Commission on Ecosystem Management (CEM); b) Member, Multidisciplinary Expert Panel (MEP) of International Science-Policy Platform for Biodiversity and Ecosystem Services; c) Adjunct Professor, Institute of Forestry, Tribhuvan University (TU), Nepal. Some of the previous positions held are: Deputy Director General, ICIMOD (2005-12), Senior Program officer, IDRC, Canada (1995-2005) and Asst. and Acting Dean and Director, Institute of Forestry, TU, Nepal (1984-95) and Agriculture Officer, Govt. of Nepal. He has more than 100 publications on forestry, biodiversity conservation, NRM and ecosystem management, food systems, indigenous knowledge, and sustainable management of forest resources and related topics.

He co-chaired the Asia Pacific Regional Biodiversity Assessment Report of the IPBES that was released in 2019 and was the member of the Management Committee for the IPBES Global Assessment of Biodiversity and Ecosystem Services Assessment. He was also a member of the Scientific Advisory Committee of the just released **UNEP Synthesis Report on: Making Peace with Nature**: <https://www.unep.org/resources/making-peace-nature#>:

CONTACT DETAILS:

Home: EA 7, Budanilkantha Villa; Siddarth Colony, Budanilkantha Nagarpalika, Ward No.5, Budanilkantha, Kathmandu, Nepal
Post address: GPO Box 6413; IDS-Nepal/CGED-Nepal; Tudaldevi Temple Road, Baluwatar, Kathmandu-3
Phone: +977 1-4421739; +977-9851025873
E-mail: karki.madhav@gmail.com; kbmadhav@yahoo.com
Date of Birth: 22 August 1954 (2011 BS)
Languages: Nepali, English, Hindi, Bhojpuri, Maithali, Urdu (speaking only)
Citizenship: Nepalese

EDUCATION:

1988-1992 **Ph.D. (Major: Forestry; Minor- Agroforestry and Resource Economics)**
Michigan State University, East Lansing, MI, USA

1980-1982 **Master of Science (Range Management** with minor in Forest Management and International Agriculture Development)

Colorado State University, Fort Collins, CO, USA

1980-1982 B.Sc. Agriculture (Hons.) (Specialization: Plant Protection)
Punjab Agricultural University, Punjab, India; 1971 – 1976,

1980-2010 Training Certificates in Economic Analysis, Farm Forestry M&E; Facilitation Change Management and Leadership Building in USA, Canada, Germany, China Philippines and Nepal (*topics covered: Research Planning, Monitoring and Evaluation; Economic Analysis of Development Projects in Developing Countries, Participatory Facilitation; Sustainable Livelihoods; Change Management; Leadership Development; Pro-Bono principles in decision making*)

KEY SKILLS:

- Executive Management of human, knowledge, network and financial resources,
- Leadership with vision and foresight and strategic thinker and capacity builder
- Project Evaluator, Project Manager, and Knowledge–Policy bridging expert
- Adaptive and forward looking management, Culture sensitive behaviors and actions; Responsive, Transparent, accountable, rapid and responsive communication throughout the institution
- Excellent interpersonal, negotiating and communication skills
- Excellent inter-cultural and cross-cultural skills
- Ability to project, present and promote credibility, regional relevance and global prominence of the organizations affiliated currently
- Skilled, capable and prepared to raise funds
- Proven ability to work under pressure and to meet deadlines
- Able and prepared to travel frequently and widely within the region and globally

SUMMARY OF PROFESSIONAL ACHIVEMENTS:

- Prepared Knowledge Gaps and Capacity Development Action Plan for Climate Change Management in Bangladesh (ADB/BAN/PPCR TA Project)
- Developed a Strategy and Action Plan for Involving Private Sector in Forestry for Nepal’s Federation of Nepalese Chambers of Commerce and Industry (FNCCI)
- Worked as a Team Member of the ECODIT Mid-term Performance Evaluation team for the USAID/WWF Hariyo Ban Project
- Worked as the NRM Expert for preparing the report on establishing National Forestry Entity (NFE) in Nepal
- Worked as the Team Leader of the ADB/ISET/IDS Study on Indigenous and Local Adaptation Practices in Nepal; study successfully completed and report published by the MoSTE, Govt. of Nepal and ADB, Manila
- Played a key role in influencing the inclusion of strong Mountain chapter (Para 210-212) in Rio+20 outcome document – THE FUTURE WE WANT,
- Concept writer, initiator and organizer of the first ever Mountain and Climate Day (Mountain Day 1 and Mountain Day 2) on the sideline of UNFCCC COPs, 2011 & 2012.
- Played a major role in helping the Govt. of Nepal successfully organizing the International Conference of Mountain Countries and helping them to take forward global Mountain Initiative
- Led or was part of the team that created Medicinal and Aromatic Plants Program in Asia (MAPPA) and the International Network for Bamboo and Rattan (INBAR) based in Beijing;

- Instrumental in developing academic, physical, and human resources as the founding Director (Campus Chief) of the Institute of Forestry, Pokhara, Nepal (1983-1995);
- Helped the Ministry of Forest and Soil Conservation (MFSC) and Ministry of Environment in drafting the new Forest Policy and Climate Change policies of Nepal;
- Played instrumental role in establishing REDD+ and High Value Products program in ICIMOD, Kathmandu (www.icimod.org)

DETAIL PROFESSIONAL EXPERIENCE:

Countries of Work Experience: Nepal, Afghanistan, Bangladesh, Bhutan, China, India, Myanmar, Pakistan, Sri Lanka, Thailand, Indonesia, Philippines, Malaysia, Kenya, Uganda, Tanzania, Cameroon, Nigeria, Ghana, Ethiopia. Vietnam.

Current Positions Held and Major Work Experience (1983-present)

Executive Director, Centre for Green Economy Development, Nepal (CGED-Nepal), 2015-present
www.cgednepal.org;

Senior Research Advisor, RRN, Kathmandu (2020-present)

Team Leader: (Current): Team Leader: a) ACIAR/IFPRI/CGED-Nepal, Food System Foresight for Sustainable and Resilient Agriculture in Province No.2, Nepal
Completed Projects during 2018-2020)

1. GoN/GEF/FAO Baseline Survey for the Project; “Strengthening Capacities for Sustainable Management of Forests, Land and Biodiversity in the Eastern Hills of Nepal”;
2. GoN/WWF - Preparation of National Integrated River Basin Management Strategy and Action Plan; d) GoN/ FAO Organic Agriculture Development in Karnali Province, Nepal; and f) ACIAR/IFPRI Food Systems Foresight Project, Eastern Gangetic Plain (Nepal).
3. DFID/MoPE Adaptation at Scale (A@S) Project, www.adaptationatscale.org; Innovative and transformative project to select and cash award 10 best innovative climate change adaptation practitioners; total prize pot of 500,000 GBP for most successful scaled-up and scaled-out adaptation projects in Nepal.
4. ADB/.Govt. of Nepal/CGED-Nepal/IDS-Nepal; Integrated Watershed Management in Bagmati River Basin, Kathmandu, Nepal; BRBI Project, www.brbip.np.org

As the Watershed Management and Social Mobilization Expert I led a team of 8 member experts in designing and implementing an integrated and participatory watershed improvement and management project; Under this project around 8000 trees and shrubs were planted through participatory afforestation and reforestation activities in Shivapuri Nagarjun National Park, Kathmandu; the project has improved the quality of forested watershed, water conservation and disaster risk reduction in upper Bagmati river watershed.

MoSTE/ADB/ISET-Nepal/IDS-Nepal

-**Team leader**, Research Project on Indigenous and Local Knowledge in Climate Change Adaptation (CCA); As the Team Leader of the ADB TA research project, designed the project, implemented the field study in 18 districts of Nepal and prepared two volumes of Reports on Indigenous Practices in Climate Change Adaptation published by the Ministry of Environment, Govt. of Nepal and ADB, Manila in 2015; available at: <http://ppcr.moste.gov.np/wp-content/uploads/2015/03/ADB-report-final_Web.pdf

MoFSC/UNEP/UNDP/IUCN EBA Project

Eco-system based Adaptation (EbA) Vulnerability Impact Assessment (two publications released)

- **Co-authored** the report on: Vulnerability and Impact s Assessment for Adaptation Planning in Panchase Mountain Ecological Region, Nepal; published by <http://www.forestrynepal.org/publications/gray-literatures/6365>

Institutional and Capacity Building Consultant,

ADB/Govt. of Bangladesh,

Knowledge Gaps and Capacity Development Action Plan for Climate Change Management in Bangladesh (ADB/BAN/PPCR TA Project); 2015

Prepared Knowledge Gaps and Capacity Development Action Plan for Climate Change Management in Bangladesh (ADB/BAN/PPCR TA Project); 2015

National and International Consultancy (ADB, SDC, USAID, WWF, GEF, MSFP; MoFSC),

- **Team Leader** for Australian Govt. (SDIP) funded and IFPRI, New Delhi coordinated Food System Research in Nepal (2018-2020); Currently ongoing,
- **Lead Consultant**, Terminal Evaluation of the WWF/GEF/GoN funded Sustainable Land Management Project, April-June, 2017.
- **Lead Consultant**, Mid-Term Evaluation of the WWF/GEF/GoN funded Sustainable Land Management Project, April-June, 2016
- **International External Reviewer** of the Terminal Evaluation of the Swiss-ASEAN Social Forestry and Climate Change Project in ASEAN countries (April-May), 2016.
- **National Consultant:** Provide inputs to planning, management, and implementation of the SDC/MSFP/MoFSC funded Knowledge Management and Case Study Preparation.
- **International Consultant** for Terminal Evaluation of the MEE/UNDP/GEF Project on Payment for Watershed Ecosystem Services (PWES) in Chishui River, Guizhou province, China.
- **Advisor, Integrated Development Services (IDS), Nepal (IDS-Nepal)**
Provide advice on Climate Change and Natural Resources Management projects.
As the Forestry Expert of the ETA Consult (affiliate of IDS-N), drafted the draft report to set up **National Forestry Entity (NFE) in Nepal**.
-Assisted the IDS/MSFP team in Ecosystem Based Adaptation (EBA) and developing

PROFESSIONAL SERVICE TO VARIOUS NATIONAL/ INTERNATIONAL ORGS

- Prepared and submitted a report on “Roadmap for Mainstreaming Climate Change in Sustainable Forest Management – A Multi-stakeholder Approach”
- Moderated and facilitated UNDP supported international conference on: “Addressing Climate Change; Environment and Water; Clean and Sustainable Energy; Linking Technology and Spiritual Value Creation”.
- Developed ‘Strategic Action Plan’ for converting FED as a professional Business Development Service (BDS) and Knowledge Hub for increasing forestry business enterprises in Nepal; Client: FNCCI, Nepal
- National. /Int. Consultant (Forestry, Climate Change, Evaluation. Strategy & Capacity Development):
- Multistakeholder Forestry Project (SDC/DFID/FINIDA/GoN) for preparation of the CC framework in Forestry.

Global Deputy Chair and Asia Vice Chair: IUCN Commission on Ecosystem Management,

Promoting Nature/Ecosystem Based-Solutions for meeting Climate Change, Resilient Food System and Sustainable Development Goals (SDG); contributor to Beijing Declaration, 2015: http://cmsdata.iucn.org/downloads/beijing_declaration_final_b_18_nov_2015.pdf

Member, Multi-Disciplinary Expert Panel: Help oversee all IPBES scientific and technical Functions; **Member** (2014-19) – IPBES Task Force on Indigenous and Local Knowledge and **Member** (2020- present), IPBES Task Force of Policy Tools and Methodologies; and **Reviewer**, IPBES Global Thematic Assessment of Sustainable Use of Wild Assessment (2019-22).

Co-Chair, IPBES Regional Assessment of Biodiversity and Ecosystem Services in Asia Pacific Region (2014-18); Led a global group of more than 100 experts to prepare a regional Assessment report on status, trends, drivers, scenarios and policy options on biodiversity and Ecosystem services protection, conservation and sustainable use; (<https://ipbes.net/assessment-reports/asia-pacific>).

Co-chair of the Task Force on Indigenous and Local Knowledge Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES): helped develop principles and participatory Mechanism for including indigenous and local knowledge, practices and people in IPBES Knowledge products

Coordinating Lead Author, Urban Biodiversity and Ecosystem Chapter, AR3-2, Urban Climate Change Assessment, UCCRN, Earth Institute, Columbia University, USA
Contributed to the global Urban Climate Change Assessment; Full publication (in Oxford University Press): SUMMARY FOR CITY LEADERS launched at COP21, Paris, 2015
<http://uccrn.org/files/2015/12/ARC3-2-web.pdf>

Deputy Director General (2005-2012);
International Centre for Integrated Mountain Development (ICIMOD); Kathmandu, Nepal;
Leadership, Direction, Management and Coordination

- Provided leadership and directions to the entire ICIMOD's Regional Programs; Developed and implement integrated river basin, integrated watershed and upstream-downstream linking programs, policies, institutions, and capacities to help different regional countries including Nepalese ministries (Forest, Agriculture, Environment, Water, Energy, Women's welfare and Local Development);
- also helped in designing knowledge management including the GIS-based tools and technologies.

Regional Programme Coordinator/Senior Program Officer (1995-2005)

International Development Research Centre (IDRC, Canada; Regional Office, New Delhi)

- Community Mobilization, Participatory Conservation Program Development, Management and Coordination
- Knowledge, evidence and good practice based biodiversity and forest and watershed based ecosystem conservation through livelihood developed utilizing non-timber forest products especially Medicinal Plants, Bamboo and Rattan plants;
- Promoted Livelihood oriented biodiversity conservation and capacity building in Nepal and other SAARC countries; developed Medicinal Plants Network for Asia (http://mappa.icimod.org/mappa_overview.php?p=devolution)
- Developed Community Based Natural resources Management (CBNRM) approaches, procedures, participatory mechanisms and capacity development for sustainable management of biodiversity and ecosystem services

Asia Program Officer,

Appropriate Technology International (ATI).

Participatory Biodiversity Conservation Research

Biodiversity Project management and networking in Asia; Managed projects and programs supported by the Biodiversity Conservation Network (BCN) e.g., Humla Biodiversity project and development of Network on NTFP Nepal

Campus Chief; Director of Research; Act/Acting Dean

Institute of Forestry, Tribhuvan University; Pokhara, Nepal;

Led the Academic and Administrative team to plan, design and develop the academic, institutional and physical resources for Nepal's first Forestry College in Pokhara; Mobilized fund, forged international partnership, and provided leadership in Nepal's forestry education, research and training.

RELEVANT PUBLICATIONS (most recent last)

A. Books

1. Sustainable Management of Common Forest Resources: An evaluation of selected forest user groups in western Nepal-a book published by the ICIMOD, Kathmandu, Nepal, 1993 (coauthors: JBS Karki and Neeta Karki)
2. Extensive Bamboo Production-to-Consumption Systems in Eastern Nepal: a case Study. INBAR Working Paper No. 17. INBAR, Beijing, China; 41 pp. (Madhav Karki, GR Sherchan and JBS Karki)
3. Forest Policy and Legal Framework in Nepal, Bhutan and China. Published by: Indian Council of Forestry Research and Education, Dehradun, India; Co-authored with Gautam Yadama, Prof. Zhu Zhaohua, Cai Mantang, R.M. Singhal, and Phuntso Namgayel.
4. Policy Priority for Sustainable Mountain Development; ICIMOD Publications, Eds. Golam Rasul and Madhav Karki; ICIMOD, Kathmandu, Nepal.
5. A Handbook of Integrated Watershed Management in Protected Areas of Nepal, BRBIP, Ministry of Urban Development, Govt. of Nepal

B. Book Chapters:

1. Natural and Human Resources of Nepal Himalaya – Management Prospects and Challenges, In: Himalayan Ecosystem, Ed. D.N. Tiwari, 1994; Publisher: International Book Distributor, 9/3 Rajpur Rd. Dehradun, India. 213-130 p.;
2. Reforestation of Degraded Hills in Nepal: Review of Silvicultural and Management Issues -In: 'Nature and Resources Journal', Supcon International, Chicago, 1990. (Co-authored with Dr. D.I. Dickmann).

C. Research Papers/Journal Articles (Lead Authorship):

1. Karki, Madhav (1978). Judicious Use of Farm Water: Problems and Prospects, Paper published in Seminar; Proceedings on Water Management at Farm Level in Nepal; Oct. 25-27, 1978. 2-5 p.
2. Karki, Madhav (1982). An Analytical Approach to Natural Resources Planning in Phewatal Watershed of Nepal -M.S. Thesis, Colorado State University, Co. U.S.A., 1982.
3. Karki, Madhav (1984). An Analytical Model of Natural Resources Management using whole system planning model. A case study of Phewatal Watershed, Nepal (co-authored with E.T. Bartlett) -In: Proceedings of the 2nd International Range Land Congress, Adelaide, Australia, May 4-13, 1984.
4. Karki, Madhav (1986). Cost, Income and Profit Study of Mesophytic and Xerophytic leaves in a site with Similar Soil Water Potential -Paper published in 'Forestry' -Journal of the Institute of Forestry, Nepal. Vol 9, Aug., -Sep., 1986.
5. Karki, Madhav (1987). Agro forestry Activities for Rural Development in Nepal -In: proceeding of the International Workshop of Agro forestry for Rural Needs (ISTS/IUFRO, New Delhi March 1987; Vol. II.

6. Karki, Madhav (1987). Impact of Multipurpose Trees on Small Farm Systems of Nepal -A Case Study of Karmaiya Village -In: Proceedings of the International Workshop on Multi-purpose Tree Species for Small Farm Use; Winrock International -F/FRED Project, Bangkok, Thailand
7. Karki, Madhav (1992). Fuel wood, Fodder and Timber, Needs and Environmental Constraint as a Forest Policy Issue -Paper published in `Forestry' (a Journal of IOF, Nepal). No 10-3-9p.
8. Karki, Madhav (1993). Historical Perspective of Ecological Changes in the Hill Forests of Nepal: A Case Study of Kaski District, Western Nepal; The Nepal Journal of Forestry, pp. 43-48: (1), 1993.
9. Karki, Madhav (1988). Traditional System of Fodder Resource Management in Nepal: A Case Study of Nawalpur Village Panchayat. Plenary paper presented in the 3rd International Rangeland Congress, Nov, 1988, New Delhi, India.
10. Karki, Madhav (1988). New Thrust in Fodder Tree Research and Extension (with A.R. Tuladhar) - Paper presented in the PSTC (Program on Science and Technology Co-operation) Conference on Biotechnology for Health and Agriculture, Office, of the Science Advisor, US Agency for International Development, June 6-9, 1988, at National Academy of Science, Washington D.C. U.S.A.
11. Karki, Madhav (1988). Rehabilitation of Forestland in Nepal. Paper published In: Nature and Resources Journal of UNESCO, 88-96 p.
12. Karki, Madhav (1992). Improved Management of Fodder Trees in the Agro-forestry Systems in Central and Western Nepal. Unpublished Ph.D. Dissertation, Michigan State University.
13. Karki, Madhav (1994). On-farm research methodology for evaluation of important fodder tree species. In: Proceedings of the International Society of Farming System and Extension, Published by University of Arizona, USA
14. Karki, Madhav (1994). Designing common property resource institutions, Paper presented at the conference of the International Society for Common Property Resources; Washington D.C., Sept. 14-18, 1994, USA.
15. Karki, Madhav (1994). Application of Growth and Yield Modelling in Fodder Trees in Fodder Tree Management, Banko Jankari, Forest Research and Survey Centre, Kathmandu
16. Karki, Madhav (1978). Evaluation of important fodder tree species in central and western Nepal; Banko Jankari, Forest Research and Survey Centre, Babar Mahal, Kathmandu, Nepal
17. Karki, Madhav (1994). Bamboo research problems and prospects in Nepal: Country Report presented at the Workshop on Problem Analysis on Bamboo Research in South-East Asia, June 24-26, 1994 held at Chi-Tou Forest Experiment Station, Taiwan, ROC.
18. Karki, Madhav (1994). Socio-economic research on Bamboo and Rattan in Nepal -a paper presented in the 2nd meeting of the INBAR Socio-economic Research Working Group, August 3-5, 1994, Kasetsart University, Bangkok, Thailand.
19. Karki, Madhav (1994). Sustainable Management of Community Forest Resources in Nepal: Paper accepted for publication in Van Vigyan published by the Society of Indian Foresters, Dehradun, India.
20. Karki, Madhav (1994). Utilization of Multipurpose Tree Species for Rehabilitation of Degraded Farmland in Nepal; paper presented at the International Seminar on Conservation and Utilization of Multipurpose Tree Species for Rural Development and Food Security, June 27-28, 1994, Taipei, Taiwan.
21. Karki, Madhav (1987). Strategies for improving market infrastructure and information for MPTS products: A Case study of *Artocarpus* Sp. in Nepal; Paper presented at the International Workshop on Marketing of Multipurpose Tree Products, Baguio City, Philippines
22. Karki, Madhav (1994). Sustainable Management of Common Forest Resources: An Evaluation Result of User Group Managed Forest in Nepal; Paper published as the keynote address to the IUFRO International Workshop on Sustainable Forest Management, October 17-21, 1994, Furano, Hokkaido, Japan.
23. Karki, Madhav (1994). Performance of *Dalbergia sissoo* under Agro-forestry in the Tarai region of Nepal. In: Dalbergia: Proceedings of an International Workshop, NTFP Reports Special Issue 1994

- Pp. 137–141. (Co-author) Socio-economic aspects of *Dalbergia sissoo* production in the Tarai region of Nepal. In: *Dalbergia: Proceedings of an International Workshop*, NTFP Reports Special Issue 1994 P. 143-149.
24. Karki, Madhav (1993). Distribution, Performance, and Utilization of Neem in Nepal. In: *Genetic Improvement of Neem: Strategies for the Future*, Ed. Michael Reed and James French, F/FRED - Winrock International, Bangkok, Thailand, 1993; p52-59.
 25. Karki, Madhav (1993). Potential Role of Neem (*Azadirachta indica*) in Meeting Community and Environmental Forestry Needs of the Tarai Region of Nepal. In: *Proceedings of the World Neem Conference*, Bangalore, India.
 26. Karki, Madhav (1993). (Co-Author) Acacias for Rural, Industrial, and Environmental Development in Nepal. In: *Acacias for Rural, Industrial, and Environmental Development*, Eds. Kamis Awang and David Taylor, F/FRED Bangkok, 1993.
 27. Karki, Madhav (2003). Conservation and Management of Medicinal and Aromatic Plants (MAPs) in Community Managed Forests: A Model of Institutional and Technological Innovations; Paper presented at the regional Workshop on 'Wise Practices in Himalayan Medicinal Plants', Kathmandu, Nepal; Dec. 2003
 28. Karki, Madhav (2000). Growing Opportunities for Networking in MAP-based Research and Technology Transfer in South and Southeast Asia. In: *Community-based NTFP Management - proceedings of the Third Regional SEANN (South and East Asian Countries NTFP Network Workshop)*; 8-9 April 2000, Kathmandu, Nepal; Published by the Institute of Forestry, Tribhuvan University, Nepal; pp. 154-168.
 29. Karki, Madhav (1999). Commercialisation of natural resources for sustainable livelihoods: the case of forest products; In: *Growth, Poverty Alleviation and Sustainable Management in the Mountain Areas of South Asia*. Published by ICIMOD, German Foundation for International Development (DSE) and Food and Agriculture Development Centre (ZEL), Germany. 293-320 pp.
 30. Karki, Madhav (1998). Managing Common Forest Resources through Improved Institutional Arrangements: A Case Study from Nepal's Mountains; In: *Emerging Issues in Forest Management for Sustainable Development in South Asia -Proceedings of a South Asia Seminar*. Asian Development Bank, Manila; 57-60 pp.
 31. Karki, Madhav (2000). Sustainable Commercialisation of Medicinal Plants: A Holistic Approach, National Seminar on Sustainable Management of Non-Timber Forest Products of Western and Eastern Ghats; May 25-27, 2000, Trivandrum, Kerala, India.
 32. Karki, Madhav (2000). Medicinal Plants for Sustainable Management of Uplands in South and Southeast Asia, Paper presented in the workshop on Shifting Cultivation for Sustainability and Resource Conservation in Asia; IIRR, Manila, Philippines; August 14-27, 2000.
 33. Karki, Madhav (2000). Guidelines for Commercialisation of medicinal and Aromatic Plants (MAPs) in Shifting Cultivation in Asia (Co-Author: Rana Rawal); Paper presented in the workshop on Shifting Cultivation for Sustainability and Resource Conservation in Asia; IIRR, Manila, Philippines; August 14-27, 2000.
 34. Karki, Madhav (2000). Domestication and Cultivation of Non-Timber Forest Products (NTFPs) in the Upland Asia (co-Author: Damodar Parajuli); Paper presented in the workshop on Shifting Cultivation for Sustainability and Resource Conservation in Asia; IIRR, Manila, Philippines; August 14-27, 2000.
 35. Karki, Madhav (2000). Practices in Marketing Forest and Agricultural Products: Lessons for Resource Managers (Co-Authors: Rana Rawal and John Raintree); Paper presented in the workshop on Shifting Cultivation for Sustainability and Resource Conservation in Asia; IIRR, Manila, Philippines; August 14-27, 2000.
 36. Karki, Madhav (2000). Influencing Policies through Local Realities: The Context of Shifting Cultivation (Principal Author: Napoleon Vergara); Paper presented in the workshop on Shifting Cultivation for Sustainability and Resource Conservation in Asia; IIRR, Manila, Philippines; August 14-27, 2000.

37. Karki, Madhav (2000). Development of Bio-partnership for Sustainable Management of Medicinal and Aromatic Plants in South Asia: Paper presented in the 21st IUFRO Congress, Kuala Lumpur, August 6-12, 2000.
38. Karki, Madhav (2000). Institutional and Socio-economic factors and Enabling Policies for Non-timber Forest Products-based Development in Northeast India – In: Consultation on NTFP-led Development in NE India; Confidential report No. 1145-In, March, 2001, International Fund for Agriculture Development (IFAD), Rome; 1-16 p.
39. Karki, Madhav (2001). Certification and marketing strategies for sustainable commercialisation of medicinal and aromatic plants in Chhatisgarh; Paper presented at the National Research Seminar on Herbal Conservation, Cultivation, Marketing and Utilization with special emphasis on Chhatisgarh, The Herbal State; December 13-14, 2001; Raipur, India;
40. Karki, Madhav; BK Tiwari et al. (2004). Creating Livelihoods Enhancing and Biodiversity-rich Production Systems Based on Medicinal and Aromatic Plants: Preliminary Lessons from South Asia; Oral Paper Presented at The 3rd World Congress on Medicinal and Aromatic Plants for Human Welfare (WOCMAP III) 3-7 February 2003, Chiang Mai, Thailand. (Lead author with BK Tiwari, AK Badoni and NK Bhattarai). Accepted for printing by IHCS, Netherlands.
41. Karki, Madhav (2003). Organic Conversion and Certification: A strategy for improved value-addition and marketing of medicinal plants products in the Himalayas. In: The Indian Forester; Indian Medicinal and Aromatic Plants Special – I; Vol. 129, No. 1; Jan. 2003; pp. 130-142
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SPECIAL ACADEMIC and SERVICE AWARDS: a) Mahendra Vidya Bhushan (the highest academic award) awarded by the King of Nepal (Nepal's highest award for academic achievement), and b) Thoman Fellowship for alleviating World Hunger (1989-90) by the Michigan State University.

END

Jonathan Hughes

Narrative CV for the Commission on Ecosystem Management

My current position is Chief Executive Officer of WCMC at the United Nations Environment Programme World Conservation Monitoring Centre), based in Cambridge, UK.

Education

I hold a B.A in Geography and Biology from Keele University and an MSc in Ecology completed at the University of Florence on an Erasmus scholarship. I am also an Honorary Fellow at the University of Edinburgh.

Professional career

After graduating, I worked as field ecologist, land manager and policy advisor before becoming conservation director and then CEO of the Scottish Wildlife Trust. During my time at the Scottish Wildlife Trust, I was involved in several high-profile policy developments and projects including championing the adoption of ecosystem-based approaches to management, and the reintroduction of the Eurasian beaver into the wild in Scotland. Begun in 2009, the initial Scottish Beaver Trial ran in the wetland-woodland ecosystem complex at Knapdale until 2014. The beaver was granted native species status in 2016 by the Scottish Government and became the first successful wild reintroduction of an extinct mammal in UK history.

IUCN (International Union for the Conservation of Nature)

In September 2012, I was elected to the Council of the IUCN (International Union for the Conservation of Nature) where in my first term as a Council member, I chaired the Council's Programme and Policy Committee and the EU policy advisory group. I continued to be an active Councillor in my second term and currently chair of the IUCN Urban Alliance which is raising awareness of the value of ecosystems in urban areas, and of how these ecosystems can help address urban challenges including air pollution, flooding and health problems caused by lack of access to quality green spaces. This work connects to my work as a member of steering committee for IUCN Commission on Ecosystem Management.

World Forum on Natural Capital

I co-founded the successful World Forum on Natural Capital which ran three high-profile events in Edinburgh 2013, 2015 and 2017. The Forum explored in depth how applying the principles of natural capital can improve decision-making within business, government and finance, both in terms of the benefits to the bottom line and the achievement of wider social, economic and environmental goals. I continue to engage with the natural capital agenda through membership of the Natural Capital Coalition advisory panel.

Non-executive roles

I am a non-Executive Director of Corroul Estate, a large upland ecosystem in the central Highlands of Scotland, and also chair of the Ecological Advisory Board of another large Scottish Estate, Ardtornish, on the west coast of Scotland.

I chair of the Postcode Green, Planet and Earth Trusts which award tens of millions of pounds of funding raised by players of the People's Postcode Lottery to support environmental charities.

Since 2020 I have been a Council member of the international Science Based Targets Network and I also chair the Cambridge Conservation Initiative, a unique collaboration between the University of Cambridge and nine leading internationally focused biodiversity conservation organisations based in and around Cambridge, UK.

I also for previously wrote a weekly column in the Scotsman, a national newspaper from 2018-19 and have written for the Guardian as well as several peer reviewed journals.

Honorary roles

In recognition of my contribution to conservation in Scotland I was made an Honorary Life Fellow of Scottish Environment Link in 2019 and an Ambassador for the Scottish Wildlife Trust.

September 2021



IUCN Commission on Education and Communication (CEC)

Steering Committee, 2021-2024

1. Sean Southey, CEC Chair
2. Margaret Otieno, CEC Deputy Chair
3. Katalin Czippán, Strategic Adviser
4. Cheryl Charles, Co-Chair of #NatureForAll
5. Ana Valerie Mandri, Regional Vice Chair for North America and the Caribbean
6. Carlos Estrada, Regional Vice Chair for Mesoamerica
7. Luis Camargo, Regional Vice Chair for South America
8. Eva Ndamono Shataa, Regional Vice Chair for Eastern and Southern Africa
9. Tommy Garnett, Regional Vice Chair for West and Central Africa
10. Aleksey A. Zavarzin, Regional Vice Chair for Eastern Europe and Central Asia
11. Firas T. Abd-Alhadi, Regional Vice Chair for West Asia
12. Hanying Li, Regional Vice Chair for East Asia
13. Vasanti Rao, Regional Vice Chair South and Southeastern Asia
14. Daniela Benavides Reiss, Regional Vice Chair for Oceania
15. Vacant, Regional Vice Chair for West Europe
16. Vacant, Regional Vice Chair for North Africa

Sean Southey, Chair



Sean Southey has over 30 years of experience in the international development and communications field. Sean started his career with 5 years in the Canadian Ministry of Environment, followed by 12 years working with United Nations Development Programme's (UNDP) environment team. His NGO experience includes with ICLEI (Secretary General), Rare (Vice-President) and 10 years as President of PCI Media. He is now Co-Founder and President of Zamia Media. In the past decade he has led the development of over 80 campaigns world-wide and won over 100 awards for impactful campaigns. In 2016, Sean was elected as Chair for the Commission on Education and Communication (CEC). Sean is a dual Canadian and South African citizen and has lived, worked and traveled in over 100 countries. He holds a MSC from the London School of Economics and a BA in Economics from University of British Columbia, and has a wonderful daughter, Safia.

Margaret Otieno, Deputy Chair



Margaret is a passionate hands-on environmental education professional. After graduating from the University of Nairobi, Margaret began her career as a Development Officer with the Anglican Church of Kenya. Between 1995 and 2005 she worked in the positions of Environmental Education Officer and then Programmes Manager at Elsa Conservation Trust. From 2005 to 2007 she was employed as the Manager at African Fund for Endangered Wildlife (Giraffe Centre) before joining the Wildlife Clubs of Kenya from 2008 to date as the National Coordinator and CEO, Wildlife Clubs of Kenya – Nairobi. Margaret is a Board member of Youth for Conservation, Worldlife Kenya, African Fund for Endangered Wildlife and Elsa Conservation Trust. She has also served as the Deputy Chairman for the Kenya Steering Committee-IUCN.

A holder of a PhD in Climate Change and Education for Sustainable Development and an MSc in Environment and Development, Margaret is driven by the belief that sustained education from grassroots to leadership levels is the single most important element in improved environmental protection and conservation.

Katalin Czippan, Strategic Adviser



Katalin Czippán works for the Bavarian Academy for Nature Conservation and Landscape Management (ANL) as the international coordinator of the ELENA project. She also supports for the Budapest Water Summit 2016 by collecting and editing articles to present practical solution that contributes to achieving the targets of UN Sustainable Development Goal on water. She has been also invited by Institute of Executive Training and Continuing Education of the National University of Public Service to develop a training course and a handbook on “Sustainable development” and conduct several trainings.

Previously Ms. Czippán was the Deputy Head of the Strategy Department at the Office of the Ombudsman for the Future Generations. She also served as a Director for Environmental Education and Communication Program Office in Hungary, a governmental institute whose task was to develop strategies and policies for all type of education. She has contributed to the development of the UNECE Strategy of Education for Sustainable Development (ESD) and Competences in Education for ESD. She worked with the Hungarian and Georgian governments developing environmental education and education for sustainability strategy.

In her early career she was a President and CEO of the IUCN member Göncöl Foundation, where with her colleagues among the others she established a nomadic camp system, where during its 30-year history about 2000 children lived in harmony with nature for ten days, published a magazine on nature, built nature trails, prepared the environmental law of Hungary and ran nature-education centres. She is a recognised NGO leader, coordinator and one of the founders of a strong NGO network and its online communication system in early '90-s in Hungary.

CEC member since 2000 and from 2007 served as Regional Vice Chair for Europe and member of the Steering Committee and Bureau for 5 years, representing CEC in several processes developing regional and global strategies like in Regional Forums and the Programme Week of IUCN. Ran workshops, events and facilitated contact groups in four World Conservation Congresses.



Cheryl Charles, #NatureForAll Co-Chair



Cheryl Charles, Ph.D., is an innovator, author, organizational executive and educator. Cheryl is the Co-Founder, President and CEO Emerita of the Children & Nature Network (C&NN). She currently serves as a consultant to the Network, coordinating the Network's international activities.

Cheryl is also Adjunct Faculty and founding Executive Director of the Nature Based Leadership Institute at Antioch University New England (AUNE). Recipient of numerous awards for her leadership, she served as founding National Director of the pioneering K-12, interdisciplinary environment education programs, Project Learning Tree and Project WILD.

Cheryl is author, editor and designer of a wide variety of publications including books, articles, and educational materials. Cheryl has given hundreds of public presentations including scores of keynote addresses; and has facilitated a wide variety of civic, business and educational meetings on a range of topics from developing community leadership to leading the worldwide effort to reconnect children, families and communities with nature.

In 2018, Cheryl served as lead author for #NatureForAll's research synthesis, *Home to Us All: How Connecting with Nature Helps Us Care for Ourselves and the Earth*.

Ana Valerie Mandri Rohen, Regional Vice Chair North America and the Caribbean



Ana has worked for the non-profit sector for over 19 years. She has successfully led efforts ranging from supporting Indigenous and rural communities with communication, marketing and commerce strategies, to creating financial mechanisms to ensure conservation programs. For the last 15 years, Ana had planned and led an innovative financing program to assure long-term conservation of Mexico's most biodiverse and threatened region.

She served as El Triunfo Conservation Fund's executive director, growing the organization and consolidating it as Mexico's number one regional fund. She has created engagement programs and successful fundraising campaigns, securing a recurrent pipeline of donations from both domestic and international companies that are currently ensuring conservation and development programs in Chiapas, Mexico.

Ana is also the regional vice-chair of the Commission for Education and Communication of the IUCN and board member of several organizations supporting food and water security and education. She



is a fellow member of WeAmerica, a social entrepreneurship program, and co-founder of MAM, an online platform that supports female initiatives in Latin-America.

Ana holds a MSc in Biodiversity, Conservation and Management from the University of Oxford and a BA in Marketing from Tecnológico de Monterrey.

Carlos Estrada, Regional Vice Chair for Mesoamerica



Fundraising Coordinator, Fondo de Conservación El Triunfo A.C. Carlos currently works in the El Triunfo A.C Conservation Fund (FONCET), an organization with the main objective of contributing to the conservation of the Protected Areas of the state of Chiapas.

He is fundraising coordinator with the main objective of managing financial resources from different sources to finance actions necessary to support the conservation and development of protected areas in Chiapas, in turn developing strategies that allow the transmission of values, achievements and aspirations of the organization to make its work known, attract and inspire the active participation of communities, donors and partners.

Luis Camargo, Regional Vice Chair for South America



Luis Alberto Camargo is Founder and Executive Director of Organización para la Educación y Protección Ambiental (OpEPA - Colombia & USA), Co-Founder fo The Weaving Lab, Core member of Regenerative Communities Network and Founder of Colombia Regenerativa, and Director at Thundra Outdoors. Global Change Leader, Young Global Leader (2008), Ashoka Fellow. Prior, he held a number of roles, including Adviser to the Vice-Minister of Environment of Colombia, Adviser to the Department of National Planning, Researcher at Universidad de los Andes and WWF, Wilderness Medicine Instructor at the Wilderness Medicine Institute of the National Outdoor Leadership School (NOLS) as well as wilderness educator in the US. He received a BSc in Mechanical Engineering from Lehigh University and a Master's in Computer Graphics from Pratt Institute.

Eva Ndamono Shataa, Regional Vice Chair for Eastern and Southern Africa



Eva is from Namibia. She is the Founder & CEO of Zadeva Investments, an agribusiness in blue economy specializing aggregating, processing, and distribution (locally and regionally) of fish and shellfish products. Their products are culturally inspired, and their goal is to contribute to food security in Africa. She holds a Master of Environmental Engineering Namibia University of Science & Technology, and is an powerful Youth Climate Activist in her native Namibia and in the region.

Tommy Garnett, Regional Vice Chair for West and Central Africa



Tommy Garnett is a dual citizen of Ireland and Sierra Leone, with a background in Agricultural and Development Economics. Following completion of post-graduate studies in the former USSR, he began his career in 1984, as a high school teacher in Kenya, where he taught Agriculture, Mathematics and Physical Education for 4 years. In 1992, Tommy founded the the Environmental Foundation for Africa, as a charity in the UK, to create awareness about the environmental impacts of the conflict and to empower the local people to protect the integrity of nature in West Africa.

Since then, Tommy traveled extensively in the West and Central Africa region, studying and reporting on the nature and extent of the threats to the Guinean Forest Ecosystem. Tommy has been a member of the IUCN Commission on Education and Communication since 1996. From 2006-2012 he served on the CEC Steering Committee as Regional Vice Chair for West and Central Africa.

Tommy also served as a member of the UN Panel of Experts from 2003-2007, monitoring economic sanctions on Liberia, with the specific task of assessing the socioeconomic, ecological and humanitarian impacts of the sanctions, co-authoring several reports for the UN Security Council during this time. He is a contributing author of CEPA Toolkit for Africa, published by the CEC in 2007.

From 2010, Tommy oversaw the design and construction of the Biodiversity and Renewable Energy Learning Centre (Learning Centre), which was completed and formerly launched in June 2014. A first of its kind in West Africa and situated on the edge of Freetown's Western Area Peninsula Forest National Park, the centre was current hosts visitors from various sectors and all age group, especially school children, who can now experience nature and sustainability principles first hand.

In October 2016, Tommy joined BirdLife International, to lead its Regional Implementation Team, managing the Critical Ecosystem Partnership Fund's investment portfolio in the Guinean Forests of

West Africa Hotspot, spanning eleven countries from the Guinea to the Gulf of Guinea Islands of Sao Tome & Principe.

Aleksey A. Zavarzin, Regional Vice Chair for Eastern Europe and Central Asia



Dr. Alex Zavarzin currently is deputy director of the N.I.Vavilov All-Russia Institute of Plant Genetic Resources in St. Petersburg – the oldest and one of the three top plant gene-banks in the World. Dr. Zavarzin is responsible for the Institute’s international collaborations, education and training.

Previously, he combined university professorship with service as vice-dean to the school of biology and soil sciences of SPSU, vice-provost for biology, geography, geoecology and soils and presssecretary of SPSU. Dr. Zavarzin also worked for the All-Russia center for talented children “Sirius” recently established at the former Olympic infrastructure in Sochi. For many years Dr. Zavarzin combined his academic research with work in environmental NGO “Baltic Fund for Nature”. Dr. Zavarzin has been an active member in a number of professional societies.

He participated and led many international environmental projects in Russia and NW Europe, sponsored by WWF, Programmes of European Union, UNDP with many of them being implemented under the World Conservation Union (IUCN) guidance. He has wide experience in promoting biodiversity field studies, networking of protected areas, implementation of environmental legislation and transboundary collaboration, enhancing youth involvement into decision making and introducing of education for sustainable development and communication.

Firas T. Abd-Alhadi, Regional Vice Chair for West Asia



Firas T. Abd-Alhadi is a communication specialist with 25 years of experience in designing and implementing communication and promotion strategies/plans. He currently works as the Head of Insurance Awareness Divion at the Insurance Administration / Ministry of Industry & Trade of Jordan.

Prior to joining the Insurance Administration in 2007, Firas worked in several communication positions the latest of which being the Regional Communication and Documentation Specialist in EMPOWERS (Euro-Med Participatory Water Resources Scenarios), an EU-funded regional partnership. Although



that was not his first encounter with environmental issues, this project that was implemented in Egypt, Jordan and Palestine during 2003-2007 introduced Firas to the practice of building knowledge communities based on multi-level stakeholder platforms as a means to build individual and institutional capacities for better management and conservation of natural resources.

Firas has been associated with the IUCN since 2009 as a communication consultant and environmental writer and a member of the IUCN CEC since 2012 which he represented in a number of events such as the IUCN West Asia Regional Conservation Forum in 2015 and the IUCN World Conservation Congress in 2016.

He is a board member and communication coordinator of the Arab World Association of Young Scientists (ArabWAYS) and is a co/author, editor and translator of several books and articles on water, environment and insurance. Firas holds M.A. in English Literature and a double major B.A. in Arabic and English, both from the University of Jordan in Amman.

Dr. Vasanti Rao, Regional Vice Chair for South and East Asia



Dr (Ms) Vasanti Rao is the Director General of CMS (Centre for Media Studies) - a research based think tank in India. She also directs CMS VATAVARAN – Asia's largest international film festival and forum on environment & wildlife. Vasanti has her PhD in Media Studies from Jawaharlal Nehru University and has double Masters degrees in Psychology and Management. Vasanti specializes in strategy development, designing, researching and evaluating development programs communication initiatives.

She advises, studies and writes on: the communication media and regulatory issues; mass and new media trends and consumption patterns; strategies for development programs & social issues in popular media (entertainment & NEWS); Communication & Media Research; Behavior & Social Change Communication & Entertainment Education Strategies. Conservation, Gender and Children are three key areas of her concern and passion.

Vasanti has to her credit numerous policy inputs, program evaluations, designing and organizing multi stakeholder events and research based publications.

She has been part of number of government and non-government bodies / committees, including Information & Broadcasting Ministry Committee for drafting the Content Guidelines for the Broadcast Sector, Ad-hoc task force of the Cabinet Secretariat (Prime Minister's Office), Media Advisory Committee of Ministry of Environment, Forests and Climate Change, UNESCO Media Freedom Committee, etc.

Hanying Li, Regional Vice Chair for East Asia



Hanying Li is a passionate development professional with a strong interest in environmental education, communications and public campaigns gained over a period of 21 years. Hanying's professional career includes 15 years of experience working in China on policy advocacy, communications and fundraising. In addition, for over five years she promoted sustainable conservation in the Greater Indian Ocean area and implemented a fundraising strategy in the Asia Pacific region.

Hanying started her career with China Environmental Protection Foundation (CEPF), the first non-profit national foundation dedicated to environmental protection in China, where she was in charge of international cooperation, fundraising and public relations. At CEPF, she supported high-level legislative dialogues between the Environment and Natural Resources Committee of the National People's Congress of China (NPC) and congresses/Parliaments in other countries to develop China's environmental policies and regulations.

She also worked collaboratively with the State Environmental Protection Administration on bilateral policy formation and regional cooperation. In 2008, Hanying joined IUCN, the International Union for the Conservation of Nature, in the Asia region to work with the Mangroves for the Future (MFF) initiative, a multi-partner programme with the goal of promoting coastal ecosystem rehabilitation and long-term sustainable management in the Greater Indian Ocean area after the 2004 tsunami. Based in Thailand, Hanying was actively involved in the managerial and technical oversight of the programme.

In 2011, Hanying was promoted as the IUCN Northeast Asia Programme Coordinator and Acting Head for IUCN China Office, where she was in charge of project development, fundraising and stakeholder coordination in the sub-region, which includes China, Japan, Mongolia, North Korea and South Korea. From February to September 2012, Hanying worked with WWF as the Director for Asia Pacific Growth Strategy. She coordinated the review and restructuring of the Strategy, which aimed to grow unrestricted income for the region. In recent five years, Hanying acts as a bridge to bring into China the advanced experiences on nature education, program design, and trainings, as well as to promote exchange and learning between China and other countries at both government level and NGO level.

Hanying holds an M.S. degree in Organizational Management from the School for International Training, Vermont, U.S.A., and a B.L. degree in International Political Sciences from Peking University, China. Appointed as a member of the IUCN Commission on Education and Communication (CEC) Steering Committee for 2013-2016, Hanying has helped enhancing CEC visibility in China through membership increase and a collaborative strategy on nature education.



Daniela Benavides Reiss, Regional Vice Chair for Oceania



Daniela Reiss Benavides is an award-winning social ecologist focused on environmental communications for behaviour change. She works in Sydney, Lima and Boulder, as well as on global scale with international organizations. An ecologist by training, she complemented her work with a partial Masters in Environmental Communications from Duke University (US) and Directing, Screenwriting and Producing degree from the prestigious art academy. Daniela also studied journalism from Columbia University in NY. Daniela led award-winning environmental communication campaigns as CEO of environmental education non-profit ConCiencia and as Project Manager of the Peruvian Environmental Trust Fund. Currently she is Outreach Coordinator for the IUCN Commission of Education and Communication Oceania and the Environmental Storyteller and Stories For Impact Coordinator at Digital Storytellers. Born in 2018, ConCiencia Films delivers impact-oriented science and conservation filmmaking, photography and design with a holistic approach, from conception to campaign delivery.



Registre du commerce (equivalent of “Companies House”)

- Some Local Requirements
- Council’s Decision



Some Local Requirements

- As a registered entity, IUCN is required to update its information (**ORC 27**), including personal information of Council members (**ORC 24 a) and b)**); this includes name, birth date, origin, postal address and copy of the passport.
- Requests for most amendments to the *Registre* must be
 - i) signed by a member of Council authorised to sign (**ORC 21; CO 931 a)**), and
 - ii) supported by evidence of a decision of Council or Congress, as appropriate (**ORC 23**).

ORC: Ordinance “Registre du commerce”

CO: Code of Obligations



COUNCIL DECISION

Council,

In order to comply with relevant legal and administrative requirements of the *Registre du commerce*,

Decides to inform the Canton de Vaud that

Razan Al Mubarak, Member of Council and President of IUCN;

has the authority of Council to sign jointly on behalf of IUCN.



IUCN COUNCIL 2021-2025

(Status 11 September 2021)

PRESIDENT

Ms Razan Al Mubarak, UAE

TREASURER

Mr Nihal Welikala, Sri Lanka and UK

COMMISSION CHAIRS

Commission on Ecosystem Management

Ms Angela Andrade, Colombia

Commission on Education and Communication

Mr Sean Southey, Canada/South Africa

Commission on Environmental, Economic and Social Policy

Ms Kristen Walker Painemilla, USA

Species Survival Commission

Mr Jon Paul Rodriguez, Venezuela

World Commission on Environmental Law

Ms Christina Voigt, Germany

World Commission on Protected Areas

Ms Madhu Rao, India/United Kingdom

COUNCILLORS ELECTED FROM THE REGIONS

Africa

Mr Brian Child, Zimbabwe

Mr Ali Kaka, Kenya

Ms Imèn Meliane, Tunisia

Ms Gloria Ujor, Nigeria

Meso and South America

Mr Marco Vinicio Cerezo Blandon, Guatemala

Ms Ana Di Pangraco, Argentina

Mr Ramon Perezgil Salcido, Mexico

Ms Bibiana Sucre, Venezuela

North America and the Caribbean

Mr Rick Bates, Canada

Mr Sixto J. Inchaustegui, Dominican Republic

Ms Susan Lieberman, USA

South and East Asia

Mr Kazuaki Hoshino, Japan

Mr Ma Keping, China

Mr Vivek Menon, India

Ms Hasna Jasimuddin Moudud, Bangladesh

Mr Jong Soo Yoon, Republic of Korea

West Asia

Ms Shaikha Salem Al Dhaheri, UAE

Mr Said Ahmad Damhoureyeh, Jordan

Mr Ayman Rabi, Palestine

Oceania

Mr Peter Michael Cochrane, Australia

Ms Lolita Gibbons-Decherong, Palau

Ms Catherine Iorns, New Zealand

East Europe, North and Central Asia

Mr Carl Amirgulashvili, Georgia

Mr Vilmos Kiszal, Hungary

Mr Samad-John Smaranda, Romania

West Europe

Ms Sonia Castañeda Rial, Spain

Ms Hilde Eggermont, Belgium

Ms Maud Lelievre, France

COUNCILLOR FROM THE STATE IN WHICH IUCN HAS ITS SEAT

Mr Norbert Baerlocher, Switzerland

APPOINTED COUNCILLOR

Mr Francisco Ramiro Batzin Chojoj, Guatemala

DIRECTOR GENERAL (non-voting)

Mr Bruno Oberle