

## Short biography Vasseur 2022

Liette Vasseur Ph.D. is a full professor in the Department of Biological Sciences at Brock University where she is also a member of the Environmental Sustainability Research Centre, one of the five transdisciplinary spaces at the university. Since 2014, she holds the UNESCO Chair on Community Sustainability: from Local to Global at Brock. Her research program is highly interdisciplinary and links issues such as community-based ecosystem management, climate change adaptation and resilience, sustainable agriculture, and rural communities. In Canada, it includes impacts of extreme events on ecosystems and coastal communities, use of alternative technologies in sustainable agriculture, and ecosystem/landscape sustainable development and resilience in Niagara rural communities. She was a member of the co-direction committee of a large project on Coastal Communities Challenges in the face of Climate Change, funded by the Social and Humanities Research Council of Canada, which looked at resilience and ecosystem-based adaptations in ten coastal communities of Atlantic Canada. Her projects are funded by several agencies such as MEOPAR and Agriculture and Agrifood Canada and totals over \$14 million as a professor.

Her work focuses not only on Canada but also internationally such as in China, where she is now a visiting scholar and before a Minjiang Scholar at Fujian Agriculture and Forestry University and co-chaired the Habitat Management group of a large international research program funded by the Chinese government. She is also involved in Ecuador on climate change adaptation and resilience in the Andean Paramos as well as sustainable agriculture development (San Juan) in Ecuador with ESPOCH in Riobamba. She recently completed a IDRC project with the Centre for International Studies and Cooperation (CECI) on the impact of Covid-19 pandemic on food security and gender issues in Senegal and Burkina Faso. Previously she worked in Burkina Faso and Vietnam on community-based conservation management and Cambodia on aquatic resource management.

At the international level, she is currently the Deputy Chair of the Commission on Ecosystem Management (CEM) of the International Union for Conservation of Nature and co-lead of the thematic group on Biodiversity and Climate Change Policy and Practice and previously led the Ecosystem Governance and the Climate Change Adaptation thematic groups. Since September 2016, she also is the Vice-Chair North America Region at the CEM.

Vasseur also serves diverse functions. She is currently President of the Canadian Commission for UNESCO (CCUNESCO), and previously the Chair of the Sectoral Commission on Human, Social and Natural Sciences and the CCUNESCO. She is a member of Task Force 97 of the International Council for Research and Innovation in Building and Construction (climate change adaptation in urban environment), member of the Coastal Resilience Advisory Council of Great Lakes and St Lawrence Cities Initiative, and member of the Transition Leadership Committee for the UNESCO Niagara Escarpment Biosphere Network. Previously, she was appointed to the Joint Public Advisory Committee (JPAC) of the North American Commission for Environmental Cooperation (under the North American Agreement for Environmental Cooperation) (1999-2002) and the Science Advisory Board of Department of Fisheries and Oceans (2005-2009). As the topic of women in science has also been a focal point in her career, she is involved in women organizations. She is currently a member of the Standing committee of Inclusion,

Diversity, Equity and Accessibility at the Canadian Botanical Association. She was President of the Canadian Coalition of Women in Engineering, Science, Trades and Technology (CCWESTT) (2014-2018) and President of Association de la francophonie à propos des femmes en sciences, technologies, ingénierie et mathématiques (AFFESTIM) (2011-2013). Her community-research work on climate change adaptation with the City of Greater Sudbury led her to receive in 2011 the Latornell Pioneers Award from Conservation Ontario. She has produced over 150 publications and more than 350 presentations as well as supervised over 75 undergraduate and graduate students.