

FROM KNOWLEDGE TO ACTION: STRENGTHENING WORKFORCE CAPACITY FOR CLIMATE CHANGE ADAPTATION IN CANADA

MODERATOR

SABINE DIETZ – CLIMATLANTIC

PANELISTS

HOPE PARNHAM – CANADIAN SOCIETY OF LANDSCAPE ARCHITECTS
MICHÈLE MARTIN – UNIVERSITY OF WATERLOO CLIMATE INSTITUTE
SERGE DUPUIS – UNIVERSITÉ DE MONCTON

OVERVIEW

- Introduction
- Panelist introductions
- Moderated discussion
- Audience questions
- Closing



INTRODUCTION



Sabine Dietz | PhD, MES, B.A.

- Her work on traditional approaches to climate change adaptation spans over 15 years, and she has worked with provincial and federal governments, environmental non-profits, and municipalities around this topic.
- Her Masters in Environment Studies (UdeM) and her PhD in biology (UNB) have given her a science-based understanding of seeing the world, supplemented by her deep love and caring for nature.
- Born in Germany and immigrated to Canada while studying, she now lives as a white settler on unceded Mi'kmaw territory in Siknikt (the Chignecto Isthmus, Sackville, NB). Sabine speaks English, French, and German. In current role with CLIMAtlantic, she leads a team of 25 in Atlantic Canada providing information, data interpretation, training and other supports towards adaptation.



Contact Information:

Sabine.dietz@climatlantic.ca



CLIMAtlantic

Hope Parnham | FCSLA MCIP

- Landscape architect and planner, advocate for research-based policy and design practice, drawing from her own practice, which emphasizes science-based policy development for coastal adaptation.
- Lead author of the PEI State of the Coast and Interim Coastal Policy Recommendations reports for the PEI provincial government (2023), which included 16 recommendations which the government has committed to implementing.
- In current role with the Canadian Society of Landscape Architects Hope advocates for the profession at the federal level, strengthening interdisciplinary partnerships, and developing strategic initiatives. Her first major project was leading the development of landADAPT, a professional development program aimed at building the adaptation capacity of Canadian landscape architects, supported with funding from Natural Resources Canada.



Contact Information:

advocacy@csla-aapc.ca



CSLA | AAPC

Canadian Society of Landscape Architects
Association des architectes paysagistes du Canada

Serge Dupuis | P.Eng., FEC, MBA, M.Sc.

- With 30 years of experience in municipal infrastructure design, construction, operations, and management, bridging professional practice with research and teaching.
- Currently serving as Assistant Professor of Civil Engineering at Université de Moncton, also co-founder of the New Brunswick Infrastructure Institute (NBII) and a member of numerous national groups supporting municipal governments in building climate-resilient communities such as: Canada's National Adaptation Strategy Advisory Table on Resilient Infrastructure; the National Assessment Process Advisory Committee and co-chair of the Adaptation Skills Working Group. Co-deliverer of professional training sessions for municipalities and engineers in New Brunswick on, climate resilience, asset management and adaptation planning.



Contact Information:

serge.dupuis@umoncton.ca



UNIVERSITÉ DE MONCTON
EDMUNDSTON MONCTON SHIPPAGAN

Institut des infrastructures
du Nouveau-Brunswick



New Brunswick
Infrastructure Institute

Michele Martin | PhD, MES, B.Ed., B.Sc.

- Over 35 years of experience as an environmental and sustainability educator in Canada and in the Seychelles Islands, with the last 15 years focused more specifically on climate change education and capacity building, working with diverse audiences including schools, universities and professionals from multiple sectors.
- Currently the training program specialist at the Waterloo Climate Institute, leading the implementation of a national project to accelerate climate education in professional degree programs at the University of Waterloo and at other tertiary education institutions. I'm the lead author of our recent national survey report on the status of climate change education in professional degree programs (see link below). I also coordinate the development and delivery of continuing education programs for professionals, including a new climate adaptation certificate program for Canadian municipal staff.



Contact Information:

michelep.martin@uwaterloo.ca



UNIVERSITY OF
WATERLOO



WATERLOO
Climate Institute

MODERATED DISCUSSION



Sabine Dietz
CLIMAtlantic



Serge Dupuis
Université de Moncton
NB Infrastructure
Institute



Hope Parnham
Canadian Society of
Landscape Architects



Michele Martin
Waterloo Climate
Institute

QUESTIONS



ADDITIONAL RESOURCES



Canada's National Adaptation Strategy



NRCan's Climate Change Adaptation Program (CCAP)



NRCan's Building Regional Adaptation Capacity and Expertise Program (BRACE)



Canadian Society of Landscape Architects' landADAPT program



Climate Action Competency Framework (Version 2)



The Status of Climate Change Education - National Survey Report



Climate Change Education: Inspiring Engagement & Action



Waterloo Climate Institute's Acceleration Climate Change Education Project



CLIMAtlantic's Climate Adaptation & Resilience Training program (CART)

For additional questions on Natural Resources Canada initiatives, please contact: ccap-pacc@nrcan-rncan.gc.ca