



## Sunday, 8 June

- 1pm **Registration**  
*Performing Arts Centre Front Entrance - Registration Desk*
- 1pm **Site Visit - Geotube Shoreline Protection, Little Shemogue, NB**  
*Little Shemogue, New Brunswick*  
Chaired by: Mr. Kevin Bossy
  
- Visit to Geotube installation in Little Shemogue NB**  
» Mr. Kevin Bossy<sup>1</sup> (1. Bishop Water)
  
- 2pm **Charlottetown Harbour Solar Boat Tour**  
*Port of Charlottetown (Far End of Terminal Building/Out by the Cruise Ships)*  
Chaired by: Steve
- 4:30pm **Charlottetown Harbour Solar Boat Tour**  
*Port of Charlottetown (Far End of Terminal Building/Out by the Cruise Ships)*  
Chaired by: Steve

## Monday, 9 June

- 8am **Registration**  
*Performing Arts Centre Front Entrance - Registration Desk*
- 8:05am **Quiet Room #244 & #245, Lounge (2nd Floor)**  
*Quiet Room & Lounge Area - Don and Marion McDougall Hall*

8:30am **Day 1: Opening Remarks and Welcome**  
*Performing Arts Centre & Residence (PAC)*  
Chaired by: Ms. Heather Laiskonis and Mx. Stephanie Arnold

9am **Exhibit Hall**  
*Don and Marion McDougall Hall (MCDH)*

9am **Exhibit Hall**  
*Performing Arts Centre & Residence (PAC)*

9am **Root System Installation**  
*Don and Marion McDougall Hall (MCDH)*

**Root System Installation**  
» Mrs. Rosmarie Lohnes (Helping Nature Heal Inc.)

10:15am **Coffee Break**  
*Wanda Wyatt Dining Hall*

10:30am **1A: Livelihoods & Stewardship**  
*PAC - 121S - Amphitheatre*  
Chaired by: Dr. Rebecca Martone

**Sustaining Dungeness Crab Populations: Tsawout First Nation's Path to Rights-Based Marine Stewardship**  
» Dr. Lais Chaves<sup>1</sup>, Ms. Nicole Jung<sup>2</sup>, Mr. Adrian Boskovic<sup>3</sup>, Ms. Chrissy Chen<sup>3</sup>, Mr. Neil Fowler<sup>3</sup> (1. Tsawout First NAtion, 2. University of British Columbia, 3. Tsawout First Nation)



Continued from Monday, 9 June

**Supporting Inuit self-determination in Nunavut's fisheries**

» [Mr. Richard Paton](#)<sup>1</sup>, [Mr. Kamikee Akavak](#)<sup>2</sup>, [Mr. Jakob Anilniliak](#)<sup>2</sup>, [Ms. Jade Owen](#)<sup>3</sup>, [Ms. Sylvia Pewatoalook](#)<sup>2</sup> (1. Qikiqtani Inuit Association, 2. Nunavut Arctic College, 3. Nunavut Tunngavik Incorporated)

**A Nation to Nation Relationship: Collaboration between DFO and the Mi'kmaq of Nova Scotia to Co-Govern the St. Anns Bank Marine Protected Area**

» [Mx. Bec Borchert](#)<sup>1</sup>, [Ms. Catherine Schram](#)<sup>2</sup> (1. Kwilmu'kw Mawklusuaqn, 2. Department of Fisheries and Oceans)

**Relational Approaches to Coastal Stewardship and Management: A Perusal of Canada's Blue Economy Strategy**

» [Ms. Devdatta Mukherjee](#)<sup>1</sup> (1. PhD Candidate, Dalhousie University)

**What's old is new again - How the Mi'kmaq people adapt to coastal changes**

» [Mr. Andrew Sark](#)<sup>1</sup> (1. PEI Office of the Regional Chief)

10:30am **1B: Waves and Risks**

PAC - 112S

Chaired by: Gemma Bullard

**Surface wave dynamics over Scotian Shelf revealed through Hurricane Fiona**

» [Ms. Sarah Hall](#)<sup>1</sup>, [Dr. Ryan Mulligan](#)<sup>1</sup>, [Dr. Barret Kurylyk](#)<sup>2</sup> (1. Department of Civil Engineering, Queen's U, 2. Centre for Water Resources Studies, Dalhousie University)

**Observation and prediction of nearshore wave hazards**

» [Dr. Johannes Gemmrich](#)<sup>1</sup>, [Ms. Jamie Daniel](#)<sup>1</sup>, [Ms. Becky Brooks](#)<sup>1</sup> (1. University of Victoria)

**Wave run-up on a highly dissipative beach**

» [Ms. Carmen Holmes-Smith](#)<sup>1</sup>, [Dr. Johannes Gemmrich](#)<sup>1</sup> (1. University of Victoria)

**Municipality Scale Assessment of Wave Run-up Risk to Coastal Infrastructure**

» [Mr. Tom Kozlowski](#)<sup>1</sup>, [Mr. Amaury Camarena](#)<sup>1</sup> (1. CBCL)

**Numerical Modelling of Morphodynamic Processes around Shipping Channels and Shallow Bays**

» [Ms. Chiara Manchia](#)<sup>1</sup>, [Ms. Zoe Zimmerman](#)<sup>1</sup> (1. WSP (Ports, Marine and Coastal))

10:30am **1C: Eco Adaptation**

PAC - 110A

Chaired by: Dr. Ioan Nistor

**Resilient Coasts for Salmon: Supporting Coastal Adaptation Through Shoreline Mapping**

» [Ms. Kyla Sheehan](#)<sup>1</sup>, [Ms. Maria Catanzaro](#)<sup>1</sup>, [Dr. Nicole Christiansen](#)<sup>1</sup>, [Dr. Isobel Pearsall](#)<sup>1</sup> (1. Pacific Salmon Foundation)

**Building the foundation: novel relationships for modeling saltmarsh eco-geomorphic evolution in Canada**

» [Ms. Acacia Markov](#)<sup>1</sup>, [Dr. Jacob Stolle](#)<sup>1</sup>, [Dr. Ioan Nistor](#)<sup>2</sup>, [Dr. Enda Murphy](#)<sup>3</sup>, [Dr. Abolghasem Pilechi](#)<sup>4</sup>, [Dr. Saeid Homayouni](#)<sup>1</sup> (1. Institut national de la recherche scientifique (INRS), 2. University of Ottawa, 3. University of British Columbia, 4. National Research Council Canada)

**Tsleil-Waututh Nation Reserve Shoreline Adaptation Project Engagement and Integration of Traditional Knowledge**

» [Mr. Daniel Leonard](#)<sup>1</sup>, [Ms. Becca Kordas](#)<sup>2</sup>, [Ms. Katya YUSHMANOVA](#)<sup>3</sup>, [Mr. Danker Kolinj](#)<sup>4</sup>, [Ms. Sarah Dal Santo](#)<sup>5</sup>, [Mr. Benji Eisenberg](#)<sup>6</sup>, [Ms. Jessica Wilson](#)<sup>4</sup>, [Mr. Cory Douglas](#)<sup>7</sup> (1. Westmar Advisors Inc., 2. Hatfield Consultants, 3. PWL Partnership Landscape Architects, 4. DHI Water & Environment, 5. Tsleil-Waututh Nation, 6. Benji Eisenberg Consulting, 7. Modern Formline Design)

**Native or Invasive? How shoreline plant communities are recovering from Hurricane Fiona in Nova Scotia**

» [Dr. Sarah Stewart-Clark](#)<sup>1</sup> (1. Dalhousie University)



Continued from Monday, 9 June

10:30am **1D: Priorities & Perspectives from Communities, Tourism, and Parks Canada**

MCDH - 242

Chaired by: Ms. Heather Laiskonis

**Understanding and Adapting to Climate Change in Coastal Environments: A Parks Canada Perspective**

» [Dr. Stephanie Barr](#)<sup>1</sup>, Dr. Hilary Harrop Archibald<sup>1</sup>, Dr. Elizabeth Nelson<sup>1</sup>, Ms. Alice Yue<sup>1</sup>, Mr. Sébastien Renard<sup>1</sup> (1. Parks Canada)

**Assessment of coastal scenery in Nova Scotia: a guide for a pertinent beach management**

» [Prof. Camilo Botero](#)<sup>1</sup>, Prof. Lorn Sheehan<sup>2</sup>, Dr. Ruben Cordero<sup>2</sup> (1. Sergio Arboleda University, 2. Dalhousie University)

**Beach Quality Assessment: Moving Beyond Aesthetics Towards a Comprehensive Framework for Beach Rankings**

» [Dr. Camilo M. Botero](#)<sup>1</sup>, [Dr. Elaine B. de Olivera](#)<sup>2</sup> (1. Coastal Systems Research Group, 2. Universidade Federal do Rio Grande do Sul)

**PRINCE EDWARD ISLAND'S TOURISTS' KNOWLEDGE, ATTITUDES, AND PERCEPTIONS OF SUSTAINABILITY AND BEACH TOURISM IN THE FACE OF CLIMATE CHANGE**

» [Mrs. Taiwo Ogunsanya](#)<sup>1</sup> (1. University of Prince Edward Island)

**Lessons for managed retreat: The role of place attachment on health and well-being**

» [Ms. Robin Willcocks Musselman](#)<sup>1</sup>, Dr. Kate Sherrin<sup>1</sup> (1. School for Resource and Environmental Studies, Dalhousie University)

10:30am **1E: Impacts, Modelling, and Monitoring**

MCDH - 243

Chaired by: Mr. Devon Telford

**Identifying the principal coastal flooding threats to parts of the Lower Mainland of British Columbia: Tsunamis, storm surges, and rising sea levels.**

» [Ms. Nicky Hastings](#)<sup>1</sup>, [Mr. Joseph Kim](#)<sup>2</sup> (1. Natural Resources Canada-Geological Survey of Canada, 2. University of Ottawa)

**State of the Coast: Leveraging global datasets to advance local scale coastal risk assessments**

» [Mr. Clenmar Rowe](#)<sup>1</sup>, Mr. Étienne Kras<sup>2</sup>, Prof. Roshanka Ranasinghe<sup>3</sup>, Dr. Arjen Luijendijk<sup>2</sup>, Dr. Panos Athanasiou<sup>2</sup> (1. CBCL, 2. Deltares, 3. IHE Delft)

**Post-tropical storm Fiona – impacts and recovery at Waterside Beach Provincial Park and Big Island beach on the Northumberland Strait of Nova Scotia**

» [Ms. Alexis Trevors](#)<sup>1</sup>, Dr. David Garbary<sup>1</sup> (1. St. Francis Xavier University)

**Development of the Canadian Coastal Zone Information System (CCZIS)**

» [Mr. Amaury Camarena](#)<sup>1</sup>, Mr. Tom Kozłowski<sup>1</sup>, Ms. Jessica Wilson<sup>2</sup>, Ms. Lea Braschi<sup>1</sup> (1. CBCL, 2. DHI Water & Environment)

10:30am **1F: Beaches, Dunes, & Sediment**

MCDH - 246

Chaired by: Dr. Marion Tétégan Simon

**The Dune Toe: What's the Point**

» [Dr. Chris Houser](#)<sup>1</sup> (1. University of Waterloo)

**Erosion on a Nourished Beach with Complex Bathymetry**

» [Dr. Laura Szczyrba](#)<sup>1</sup>, Dr. Ryan Mulligan<sup>2</sup>, Dr. Peir Pufahl<sup>3</sup> (1. BGC Engineering, 2. Department of Civil Engineering, Queen's University, 3. Department of Geological Sciences and Geological Engineering, Queen's University)



Continued from **Monday, 9 June**

**The impact of combined tides and local wind-generated waves on suspended sediment dynamics in the Minas Basin during Hurricane Fiona**

» [Ms. Elise Rogers](#)<sup>1</sup>, Dr. Ryan Mulligan<sup>2</sup>, Dr. Brent Law<sup>3</sup> (1. Department of Civil Engineering, Queen's University, 2. Department of Civil Engineering, Queen's U, 3. Bedford Institute of Oceanography)

**EXPLORING THE PERFORMANCE OF A SAND ENGINE IN ATLANTIC CANADA THROUGH NUMERICAL SIMULATION**

» [Dr. Behnaz Ghodoosipour](#)<sup>1</sup>, Dr. Jubin Thomas<sup>2</sup>, Mr. Mitchel Provan<sup>1</sup>, Mrs. Jamie Morris<sup>1</sup>, Dr. Danika Van Proosdij<sup>2</sup>, Dr. Enda Murphy<sup>3</sup> (1. National Research Council Canada, 2. Saint Mary's University, 3. University of British Columbia)

**Exploring Beach Nourishment as a Solution to Coastal Erosion in Atlantic Canada**

» [Ms. Julia Durocher](#)<sup>1</sup> (1. Dalhousie University)

**10:30am 1G: Nature-based Solutions (Panel)**

PAC - 110S

Chaired by: Ms. Brianna Lunardi

**Navigating Challenges and Unlocking Opportunities: A Panel Discussion on Implementing Nature-based Solutions for Coastal Resilience**

» [Ms. Brianna Lunardi](#)<sup>1</sup>, Ms. Rachael Franks Taylor<sup>2</sup>, Ms. Negin Ficzkowski<sup>3</sup>, Mr. Mitchel Provan<sup>4</sup>, Ms. Kate Hayes<sup>5</sup>, Ms. Jenny Gharib<sup>6</sup>, Ms. Jennifer Crilly<sup>7</sup> (1. CBCL, 2. NOAA, 3. University of Guelph, 4. National Research Council Canada, 5. Credit Valley Conservation, 6. Essex Region Conservation Authority, 7. Baird)

**10:30am 1H: Artificial Intelligence (workshop)**

Bill and Denise Andrew Hall - 142

Chaired by: Mr. Alex Johnston

**Building Bridges: how do we navigate AI in the ocean sectors? (Workshop)**

» [Mr. Alex Johnston](#)<sup>1</sup> (1. CIOOS Atlantic)

12pm

**Lunch**

Wanda Wyatt Dining Hall

1pm

**2A: Environmental, Social, Economic, & Well-being Needs**

PAC - 121S - Amphitheatre

Chaired by: Mr. Gordon Smith

**The Science of Doing: Connecting the dots Between Environmental Stewardship and Community Well-being.**

» [Mrs. Leticia Akwue Akwue](#)<sup>1</sup> (1. University of Prince Edward Island)

**Analysis of Socio-political Elements of the Emerging British Columbia Kelp Aquaculture Industry**

» [Ms. Taylor Reidlinger](#)<sup>1</sup> (1. Royal Roads University)

**Planning in advance of an expanding industry: What a successful kelp economy means for BC**

» [Mrs. Sarah Gutzmann](#)<sup>1</sup> (1. Simon Fraser University)

**Advancing Innovations in Coastal Spatial Planning by Exploring how Decision Support Tools Represent Place-Based Knowledge Systems in Nova Scotia, Canada**

» [Ms. Jumanah Khan](#)<sup>1</sup>, Prof. Floris Goerlandt<sup>1</sup>, Dr. Patricia Manuel<sup>1</sup> (1. Dalhousie University)

**Connecting Planning with People and Place to build a Restoration Economy on Haida Gwaii**

» [Ms. Julien Braun](#)<sup>1</sup> (1. Council of the Haida Nation)

1pm

**2B: Waves and Impacts**

PAC - 112S

Chaired by: Mr. Danker Kolijn

**Assessing Tide and Storm Surge Contributions to Water Levels at the Chignecto Isthmus: A Numerical Study**

» Dr. Marijke de Vet<sup>1</sup>, Mrs. Ivana Vouk<sup>2</sup>, [Dr. Enda Murphy](#)<sup>3</sup>, Dr. Danika Van Proosdij<sup>1</sup> (1. Saint Mary's University, 2. National Research Council Canada, 3. University of British Columbia)



Continued from Monday, 9 June

**Use of CFD Model to Estimate Wave Loads on a Complex Ferry Ramp Structure**

» [Mr. Saeed Valikchali](#)<sup>1</sup>, [Mr. Dave Anglin](#)<sup>1</sup>, [Mr. Jean-Michel Lamy](#)<sup>2</sup> (1. W.F. Baird & Associates Coastal Engineers Ltd., 2. Parsons Corporation)

**Shoreline Impact Evaluation of a New Ferry Route - Wake and Morphology Analysis**

» [Mrs. Gabriela Maciel-Jobb](#)<sup>1</sup>, [Mr. Aravinda Bharathi](#)<sup>1</sup> (1. COWI)

**Impact of Climate Change on Sedimentation of Small Craft Harbours, Prince Edward Island**

» [Mr. Brian Bylhouwer](#)<sup>1</sup>, [Mr. Arturo Jimenez](#)<sup>1</sup>, [Dr. Babak Tehranirad](#)<sup>1</sup> (1. Stantec Consulting Ltd.)

**Balancing Infrastructure Resilience and Environmental Demands: Optimizing Slope Protection at the Port of Vancouver, WA, USA**

» [Mr. Sebastiaan Woerlee](#)<sup>1</sup>, [Mr. Keyvan Mahlujy](#)<sup>1</sup> (1. WSP (Ports, Marine and Coastal))

1pm

**2C: Hazards, Preparation, and Resilience**

PAC - 110A

Chaired by: [Mr. Joseph Kim](#)

**Hurricane Fiona 2D wave runup and compound coastal flood mapping in Port aux Basques, Newfoundland and Labrador: An innovative approach to strengthen coastal climate resilience & preparedness**

» [Mr. Patrick Joynt](#)<sup>1</sup>, [Mr. Danker Kolijn](#)<sup>2</sup>, [Mr. Gabriel Carvalho](#)<sup>1</sup>, [Ms. Aline Kaji](#)<sup>1</sup>, [Mr. Jose Ribba](#)<sup>2</sup>, [Mr. Meven Huiban](#)<sup>1</sup>, [Mr. Andrew Weiss](#)<sup>3</sup>, [Ms. Paula Dawe](#)<sup>4</sup> (1. DHI Water & Environment Inc., 2. DHI Water & Environment, 3. KGS Group, 4. Government of Newfoundland and Labrador)

**Projet Adaptation Péninsule acadienne : a project to build resilience to climate change impacts**

» [Dr. Marion Tétégan Simon](#)<sup>1</sup>, [Dr. Thibaut Peterlini](#)<sup>1</sup> (1. VALORES)

**Flood Hazard Identification and Mapping Program (FHIMP): Research Update**

» [Ms. Amy Jackson](#)<sup>1</sup> (1. Environment and Climate Change Canada)

**Advancing coastal protection: comparative analysis of salt marsh stem dynamics in Canada and Germany**

» [Ms. Inga Prueter](#)<sup>1</sup>, [Dr. Oliver Lojek](#)<sup>2</sup>, [Dr. Ioan Nistor](#)<sup>1</sup>, [Dr. Nils Goseberg](#)<sup>2</sup> (1. University of Ottawa, 2. Technische Universität Braunschweig)

**A Robust Flood Construction Level Analysis for the Alders Beach Resort**

» [Ms. Kate Lappan](#)<sup>1</sup>, [Ms. Neville Berard](#)<sup>2</sup>, [Dr. Phil Osborne](#)<sup>1</sup>, [Ms. Pauline Martins](#)<sup>1</sup> (1. Northwest Hydraulic Consultants, 2. Northwest Hydraulic Consultants Ltd.)

1pm

**2D: Marine Protection and Management**

MCDH - 242

Chaired by: [Dr. Bertrum H. MacDonald](#)

**Free coastal ocean data to support management decisions in Nova Scotia**

» [Dr. Danielle Dempsey](#)<sup>1</sup>, [Ms. Nicole Torrie](#)<sup>1</sup>, [Ms. Rachel Woodside](#)<sup>1</sup>, [Ms. Anne McKee](#)<sup>1</sup>, [Ms. Leah Lewis-McCrea](#)<sup>1</sup>, [Dr. Gregor Reid](#)<sup>1</sup> (1. Centre for Marine Applied Research)

**The United Nations Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP) - an Ocean and Coastal Science-Policy Interface Standing the Test of Time**

» [Dr. Wendy Watson-Wright](#)<sup>1</sup>, [Dr. Peter Wells](#)<sup>2</sup> (1. GESAMP, 2. Dalhousie University and International Ocean Institute)

**Risk Assessments and Marine Protected Areas: Fisheries and Oceans Canada's experiences in developing a nationally coherent and regionally flexible approach**

» [Mr. James Lucas Bent](#)<sup>1</sup> (1. Fisheries and Oceans Canada)

**Spaceborne SAR for Management and Sustainable Development of Coastal Zones**

» [Mr. Robert Quinn](#)<sup>1</sup>, [Mr. Gord Staples](#)<sup>1</sup> (1. MDA Space)



Continued from **Monday, 9 June**

1pm **2E: Regional and Community Adaptation**  
*MCDH - 243*  
 Chaired by: Mr. Adrian Prado

**The relevance of regional scale adaptation processes in Canada – examples from Quebec and New Brunswick**

» [Prof. Sebastian Weissenberger](#)<sup>1</sup>, Mr. Nicolas Bastien-Porlier<sup>2</sup>, Prof. Jeff Birchall<sup>3</sup>, Prof. Omer Chouinard<sup>4</sup> (1. Université TÉLUQ, 2. Université du Québec à Montréal (UQAM), 3. University of Alberta, Faculty of Science - Earth & Atmospheric Sciences, 4. Université de Moncton)

**(30 min) Coastal Communities... At the Ready**

» Dr. Anthony Charles<sup>1</sup>, Mr. Abdul-Aziz Alawy Mussa<sup>1</sup>, [Mr. K M Shahriar Nazrul](#)<sup>1</sup>, Mr. Hasan Latif<sup>1</sup> (1. School of the Environment, Saint Mary's University)

**Wave 'Hello': Introducing Newfoundland & Labrador's Atlas of Storm Surge and Wave Climates**

» [Mr. Ethan Slaney](#)<sup>1</sup>, Ms. Paula Dawe<sup>1</sup> (1. Government of Newfoundland and Labrador)

**Development of Shoreline Management Plans to increase climate resilience in PEI**

» [Mr. Bryan Martin](#)<sup>1</sup> (1. Government of Prince Edward Island)

1pm **2F: Modelling Different Coastal Systems**  
*MCDH - 246*  
 Chaired by: Ms. Fiona Duckett

**Arctic delta evolution modelling of the Coppermine Delta using a reduced-complexity model**

» [Mr. Nicolas Canham](#)<sup>1</sup>, Mr. Samuel Binette<sup>2</sup>, Dr. Stéphanie Coulombe<sup>3</sup>, Ms. Béatrice Noël<sup>2</sup>, Mr. Richard Akana<sup>4</sup>, Dr. David Didier<sup>2</sup>, Dr. Jacob Stolle<sup>1</sup> (1. Institut national de la recherche scientifique (INRS), 2. Université du Québec à Rimouski (UQAR), 3. Savoir polaire Canada-Polar Knowledge Canada (POLAIRE-POLAR), 4. Kugluktuk Hunters and Trappers Organization)

**MESH OPTIMISATION FOR MODELLING MICRO AND MESO TIMESCALE SHORELINE EVOLUTION ALONG SANDY COASTS**

» [Ms. Kristen Goseine](#)<sup>1</sup>, Dr. Avidesh Seenath<sup>2</sup>, Prof. Nigel Williams<sup>1</sup>, Dr. Scott Mahadeo<sup>1</sup> (1. Portsmouth Business School, University of Portsmouth, 2. Environmental Change Institute, University of Oxford)

**Spatial Parameterization of Sandy Beach Profiles for Meta-Modelling: A Case Study at Narrabeen-Collaroy**

» [Mr. Matthew Iulseth](#)<sup>1</sup> (1. CBCL)

**Variation in decadal-scale beach-dune evolution in Brackley Beach, Prince Edward Island**

» [Ms. Elizabeth George](#)<sup>1</sup>, Dr. Chris Houser<sup>2</sup> (1. University of Windsor, 2. University of Waterloo)

**Assessing the Effectiveness of Machine Learning Compared to a Deep Learning Neural Network for Classifying a Restored Salt Marsh**

» [Ms. Kailey Nichols](#)<sup>1</sup>, Dr. Danika Van Proosdij<sup>1</sup>, Dr. Jeremy Lundholm<sup>2</sup>, Dr. Koreen Millard<sup>3</sup>, Mrs. Samantha Lewis<sup>4</sup> (1. Saint Mary's University, 2. TransCoastal Adaptations Centre for Nature-Based Solutions, 3. Carleton University, 4. CB Wetlands and Environmental Specialists)

1pm **2G: Indigenous Perspectives (panel)**  
*PAC - 110S*  
 Chaired by: Kathryn Scurci

**Indigenous Perspectives from Our Coasts: How Relationships with the Land and Each Other Strengthen Coastal Resilience Through Stewardship**

» [Ms. Chelsea Boaler](#)<sup>1</sup>, Ms. Erin Keenan<sup>1</sup>, Ms. Marianne Fish<sup>1</sup> (1. WWF-Canada)

1pm **2H: Shipping and Ocean Conservation (workshop)**  
*Bill and Denise Andrew Hall - 142*  
 Chaired by: Ms. Charlene Seward



Continued from Monday, 9 June

**Shipping and Ocean Conservation**

» [Ms. Charlene Seward](#)<sup>1</sup>, Ms. Rachel Stewart-Dziama<sup>1</sup> (1. Clear Seas)

2:30pm **Coffee Break**

*Wanda Wyatt Dining Hall*

3pm **3A: Values, Rights, & Co-management**

*PAC - 121S - Amphitheatre*

Chaired by: Ms. Devdatta Mukherjee

**Strengthening coastal resilience through values-based adaptation**

» [Mrs. Thy Huynh](#)<sup>1</sup> (1. Living with Water)

**What is “Sustainable Use”? Indigenous Perspectives and the Arramät Initiative**

» [Dr. Sherry Pictou](#)<sup>1</sup>, [Dr. Anthony Charles](#)<sup>2</sup>, [Ms. Meylin Zink Yi](#)<sup>3</sup>, [Ms. Emma Bugg](#)<sup>1</sup> (1. Dalhousie University, 2. School of the Environment, Saint Mary's University, 3. Saint Mary's University)

**Charting the course: Monitoring collaborative governance and stakeholder engagement in coastal co-management**

» Ms. Taylor Mason<sup>1</sup>, Mr. Emery Hartley<sup>2</sup>, Mr. Philip Akins<sup>3</sup>, [Mr. zander chila](#)<sup>3</sup>, Ms. Jen Temple<sup>3</sup>, Ms. Julien Braun<sup>4</sup>, Ms. Mairead Norton<sup>5</sup>, Ms. Danielle Denley<sup>2</sup>, Ms. Nichole Prichard<sup>2</sup>, Ms. Natalie Schell<sup>2</sup>, Mr. Steve Diggon<sup>6</sup> (1. Central Coast Indigenous Resource Alliance, 2. BC Ministry of Waters Lands and Resource Stewardship, 3. Marine Plan Partnership, 4. Council of the Haida Nation, 5. Nanwakolas Council, 6. Coastal First Nations)

**Recovery of the foredune system at Greenwich, PEI after Hurricane Fiona: What does “recovery” really mean?**

» [Prof. Jeff Ollerhead](#)<sup>1</sup>, Prof. Irene Delgado-Fernandez<sup>2</sup>, Prof. Bernard Bauer<sup>3</sup>, Prof. Robin Davidson-Arnott<sup>4</sup> (1. Mount Allison University, Department of Geography and Environment, 2. University of Cadiz, Faculty of Marine and Environmental Sciences, 3. University of British Columbia - Kelowna, Department of Earth, Environmental and Geographic Sciences, 4. University of Guelph, Department of Geography, Environment and Geomatics)

**Impact of the October 2nd, 1923 Storm on sandy beach and dune systems on the North Coast of Prince Edward Island and comparison with that of Hurricane Fiona in September 2022.**

» Prof. Irene Delgado-Fernandez<sup>1</sup>, [Prof. Robin Davidson-Arnott](#)<sup>2</sup>, Prof. Jeff Ollerhead<sup>3</sup>, Prof. Bernard Bauer<sup>4</sup> (1. University of Cadiz, Faculty of Marine and Environmental Sciences, 2. University of Guelph, Department of Geography, Environment and Geomatics, 3. Mount Allison University, Department of Geography and Environment, 4. University of British Columbia - Kelowna, Department of Earth, Environmental and Geographic Sciences)

3pm **3B: Modelling & Monitoring of Different Coastal Systems**

*PAC - 112S*

Chaired by: Dr. Phil Osborne

**LABORATORY INVESTIGATION OF WAVE-PERMAFROST INTERACTIONS IN ARCTIC COASTAL ENVIRONMENTS**

» [Mr. Olorunfemi Omonigbehin](#)<sup>1</sup>, Mr. Hatim Ben Said<sup>1</sup>, Dr. Jacob Stolle<sup>1</sup>, Prof. Pierre Francus<sup>1</sup> (1. Institut national de la recherche scientifique (INRS))

**Tsunami Hazard Assessment for Kitimat of British Columbia, Canada**

» [Mr. Reza Amouzgar](#)<sup>1</sup>, [Mr. Soroush Kouhi](#)<sup>1</sup> (1. Ocean Networks Canada)

**An open-source and validated tsunami evacuation agent-based model for Ucluelet, BC**

» [Mr. Joseph Kim](#)<sup>1</sup>, Dr. Ioan Nistor<sup>2</sup>, Dr. Nils Goseberg<sup>3</sup>, Dr. Andrew Cornett<sup>2</sup> (1. University of Ottawa, 2. University of Ottawa, 3. Technische Universität Braunschweig)



Continued from **Monday, 9 June**

**Long-Term and Episodic Coastal Erosion Measurements on Prince Edward Island**

» [Dr. Andrew Clark](#)<sup>1</sup> (1. Government of Prince Edward Island)

**Geomorphological Changes and Spatiotemporal Evolution of Territorial Planning in the Inuit community of Tasiujaq, Nunavik, Canada**

» [Dr. Antoine Boisson](#)<sup>1</sup>, [Mr. Denys Dubuc](#)<sup>1</sup>, [Dr. David Didier](#)<sup>1</sup> (1. Université du Québec à Rimouski (UQAR))

3pm **3C (n/a)**  
*PAC - 110A*

3pm **3D: Mapping & Predictions for Decision-making**  
*MCDH - 242*  
Chaired by: [Dr. Laura Szczyrba](#)

**Remote Sensing for Coastal Resilience Applications**

» [Mr. Mischa Hey](#)<sup>1</sup>, [Mr. Sven Cowan](#)<sup>1</sup> (1. NV5)

**ECCC's Prediction and Alerting for Coastal Flooding Program**

» [Mr. Devon Telford](#)<sup>1</sup> (1. Environment and Climate Change Canada)

**Wave Hazard Assessment for Flood Mapping: Evaluating Methodologies and Supporting Best Practices for Coastal Canada**

» [Mr. Pablo Cortes](#)<sup>1</sup>, [Ms. Aline Kaji](#)<sup>1</sup>, [Mr. Patrick Joynt](#)<sup>1</sup>, [Mr. Josh Wiebe](#)<sup>2</sup> (1. DHI Water & Environment Inc., 2. Environment and Climate Change Canada)

**Assessing Flood Mapping Needs for Coastal BC**

» [Mr. Clayton Hiles](#)<sup>1</sup>, [Mr. Eric Morris](#)<sup>1</sup>, [Ms. Rachel Burns](#)<sup>2</sup>, [Mrs. Jamie Sager](#)<sup>1</sup> (1. Kerr Wood Leidal Associates Ltd., 2. Kerr Wood Leidal Associates Ltd)

3pm **3E: Law, Policy, & Culture**  
*MCDH - 243*  
Chaired by: [Prof. Sebastian Weissenberger](#)

**Making Adaptation Count: Implementing Adaptation Pathways in the Aquaculture Sector**

» [Mr. Adrian Prado](#)<sup>1</sup>, [Mx. Stephanie Arnold](#)<sup>1</sup>, [Ms. Anna Jamieson-Garf](#)<sup>1</sup>, [Ms. Jenna Miller](#)<sup>2</sup>, [Mr. Sepehr Khosravi](#)<sup>1</sup>, [Ms. Willa Neilsen](#)<sup>1</sup> (1. CLIMAtlantic, 2. Province of NB Environment & Local Govt.)

**Understanding the functions and activities of science-policy interfaces is key to effective coastal and marine decision-making**

» [Dr. Bertrum H. MacDonald](#)<sup>1</sup>, [Dr. Suzuette S. Soomai](#)<sup>1</sup>, [Dr. Peter Wells](#)<sup>2</sup> (1. Department of Information Science, Dalhousie University, 2. Dalhousie University and International Ocean Institute)

**Comprehensive Salmonid Habitat Restoration and Monitoring in Tsawout Territory for Ecological and Cultural Sustainability**

» [Mr. Neil Fowler](#)<sup>1</sup>, [Dr. Lais Chaves](#)<sup>2</sup>, [Mr. Dion Joseph](#)<sup>2</sup>, [Mr. Adrian Boskovic](#)<sup>1</sup>, [Ms. Chrissy Chen](#)<sup>1</sup>, [Ms. Jennifer Claxton](#)<sup>2</sup> (1. Tsawout First Nation, 2. Tsawout First Nation)

**Coastal Protection Law & Policy in Atlantic Canada: Lessons for Law Development and Reform**

» [Mr. Mike Kofahl](#)<sup>1</sup> (1. East Coast Environmental Law)

3pm **3F (n/a)**  
*MCDH - 246*

3pm **3G: Citizen Science & Consensus (workshop)**  
*PAC - 110S*  
Chaired by: [Dr. Camilo M. Botero](#)

**CITIZEN SCIENCE IN COASTAL AREAS: BUILDING CONSENSUS AND DEFINING THE NEXT STEPS**

» [Dr. Camilo M. Botero](#)<sup>1</sup>, [Prof. Luján Bustos](#)<sup>2</sup>, [Prof. Federico Ferrelli](#)<sup>2</sup>, [Dr. Line Bourdages](#)<sup>3</sup> (1. Dalhousie University, 2. Universidad Nacional del Sur, 3. Université Laval)



Continued from **Monday, 9 June**

- 3pm **3H (n/a)**  
*Bill and Denise Andrew Hall - 142*
- 5:30pm **CZC2025 Opening Social (Bus Pick Up/Drop Off at PAC Entrance)**  
*Trailside Music Hall*

**Tuesday, 10 June**

- 7:30am **CZCA AGM**  
*Performing Arts Centre & Residence (PAC)*
- 8am **Registration**  
*Performing Arts Centre Front Entrance - Registration Desk*
- 9am **"Stories of Hope" Plenary Panel**  
*Performing Arts Centre & Residence (PAC)*  
Chaired by: Juliana Fernandes Granzoti
- 9am **Exhibit Hall**  
*Don and Marion McDougall Hall (MCDH)*
- 9am **Exhibit Hall**  
*Performing Arts Centre & Residence (PAC)*
- 9am **Root System Installation**  
*Don and Marion McDougall Hall (MCDH)*

**Root System Installation**

» Mrs. Rosmarie Lohnes (Helping Nature Heal Inc.)

- 9am **Quiet Room #244 & #245, Lounge (2nd Floor)**  
*Quiet Room & Lounge Area - Don and Marion McDougall Hall*

- 10am **Coffee Break**  
*Wanda Wyatt Dining Hall*

- 10:30am **4A: Ocean and Coastal Stewardship**  
*PAC - 121S - Amphitheatre*  
Chaired by: Ms. Jumanah Khan

**Collaborative Ghost Gear Retrieval in Atlantic Canada (30-min)**  
» Ms. Zora McGinnis<sup>1</sup>, Ms. Kelly Mackarous<sup>1</sup> (1. Coastal Action)

**Connect to Canada's Ocean Observing Data and Information with CIOOS**  
» Ms. Alexi Baccardax Westcott<sup>1</sup>, Ms. Shayla Fitzsimmons<sup>1</sup>, Ms. Anne-Sophie Ste-Marie<sup>2</sup> (1. Canadian Integrated Ocean Observing System Atlantic, 2. St. Lawrence Global Observatory)

**Tourism Industry Monitoring of Near-Shore Hypoxia to Inform Stewardship on the B.C. Coast**  
» Dr. Russell Markel<sup>1</sup>, Dr. Rebecca Martone<sup>1</sup>, Dr. Jack Barth<sup>2</sup>, Ms. Haley Hudson<sup>2</sup>, Ms. Katherine MacRae<sup>3</sup>, Mr. Nik Coutinho<sup>3</sup> (1. Outer Shores Expeditions, 2. Oregon State University, 3. Wilderness Tourism Association of BC)

**Developing an Oceans Act Marine Environmental Quality Guideline to Support Efforts to Address Eutrophication in Southern Gulf of St. Lawrence Estuaries**  
» Ms. Jackie Walker<sup>1</sup>, Mrs. Monica Boudreau<sup>1</sup> (1. Fisheries and Oceans Canada)



Continued from **Tuesday, 10 June**

10:30am **4B: Modelling, Forecasting, & Mapping**  
 PAC - 112S  
 Chaired by: Mrs. Elisa Scordo

**Building Resilient Coasts: AI-Powered Forecasting and Infrastructure Solutions**

» [Mr. Logan Ashall](#)<sup>1</sup>, Mr. Bryce Bocking<sup>1</sup> (1. MarineLabs)

**Modelling of storm surge and surface wave contributions to coastal flooding in the Northumberland Shore Region**

» [Dr. Laura Swatridge](#)<sup>1</sup>, Mr. Amaury Camarena<sup>1</sup>, Mr. Tom Kozlowski<sup>1</sup>, Mr. Clenmar Rowe<sup>1</sup> (1. CBCL)

**Coastal geomorphological changes monitoring in Kugluktuk and the Coppermine River Delta, Nunavut**

» [Mr. Samuel Binette](#)<sup>1</sup>, Mr. Richard Akana<sup>2</sup>, Dr. David Didier<sup>1</sup>, Dr. Stéphanie Coulombe<sup>3</sup>, Mr. Charles Jourdain-Bonneau<sup>1</sup>, Ms. Béatrice Noël<sup>1</sup>, Ms. Beatrice Roberge<sup>1</sup>, Mr. Nicolas Canham<sup>4</sup>, Dr. Thomas Buffin-Bélanger<sup>1</sup>, Dr. Jacob Stolle<sup>4</sup> (1. Université du Québec à Rimouski (UQAR), 2. Kugluktuk Hunters and Trappers Organization, 3. Savoir polaire Canada-Polar Knowledge Canada (POLAIRE-POLAR), 4. Institut national de la recherche scientifique (INRS))

**Constructing coastal flood maps considering sea-level rise for Atlantic Canada**

» [Dr. Tim Webster](#)<sup>1</sup>, Dr. Armin Nikkhah<sup>2</sup>, Ms. Emma Poirier<sup>3</sup> (1. Applied Geomatics Research Group, NSCC, 2. ClimAtlantic, 3. Former CLIMAtlantic Team Member)

10:30am **4C: Risks, Management, & Evaluation**  
 PAC - 110A  
 Chaired by: Pippy Warburton

**Decision-making under flood predictions: a risk perception study of coastal real estate**

» [Dr. Avidesh Seenath](#)<sup>1</sup>, Dr. Scott Mahadeo<sup>2</sup>, Dr. Matthew Blackett<sup>3</sup> (1. Environmental Change Institute, University of Oxford, 2. Portsmouth Business School, University of Portsmouth, 3. School of Energy, Construction and Environment, Coventry University)

**Climate Change Impacts on Coastal Groundwater Resources in Nova Scotia**

» [Ms. Sian Borden](#)<sup>1</sup>, Dr. Rob Jamieson<sup>1</sup>, Dr. Lauren Somers<sup>1</sup>, Ms. Nicole LeRoux<sup>1</sup>, Dr. Barret Kurylyk<sup>1</sup> (1. Centre for Water Resources Studies, Dalhousie University)

**Reimagining Shoreline Management: Exploring Commoning Strategies for Riparian Zones**

» Mr. Manuel Spiller<sup>1</sup>, [Dr. Brennan Vogel](#)<sup>2</sup> (1. Western University, 2. Huron University College)

**Evaluating Coastal Protections: Static and Dynamic Techniques in Focus**

» [Dr. Navid Kimiaghalam](#)<sup>1</sup> (1. Stantec Consulting Ltd.)

**Regional coastal groundwater vulnerability assessments in Nova Scotia**

» [Dr. Barret Kurylyk](#)<sup>1</sup>, Ms. Nicole LeRoux<sup>1</sup>, Ms. Bay Berry<sup>1</sup>, Ms. Zijie Chai<sup>1</sup>, Dr. Rob Jamieson<sup>1</sup>, Mr. Ryan Malley<sup>1</sup>, Mr. Bailey Strong<sup>1</sup>, Dr. Lauren Somers<sup>1</sup> (1. Centre for Water Resources Studies, Dalhousie University)

10:30am **4D: Shared Roles, Collaboration, & Learning**  
 MCDH - 242  
 Chaired by: Mx. Kelly Umlah

**Encouraging Ocean and Climate Literacy within the Nova Scotia School System.**

» Mr. Michael Butler<sup>1</sup>, Ms. Kerri McPherson<sup>2</sup>, [Dr. Peter Wells](#)<sup>1</sup> (1. Dalhousie University and International Ocean Institute, 2. NS Dept. of Education and Early Childhood Development)



Continued from **Tuesday, 10 June**

**Building Collaborations for Coastal Resilience Engagement: Adapting to Coastal Hazards in the Great Lakes Region**

» [Ms. Katie Franken](#)<sup>1</sup>, Ms. Zoe Lawrence<sup>1</sup>, Ms. Bonnie Fox<sup>1</sup> (1. Conservation Ontario)

**Bridging the gap between citizen science and marine management in Newfoundland and Labrador**

» [Ms. Elizabeth Andres](#)<sup>1</sup>, Ms. Kiley Best<sup>1</sup>, Dr. Jonathan Fisher<sup>1</sup> (1. Memorial University of Newfoundland)

**Role of Community Capacity in MSP in Hare Bay, Great Northern Peninsula**

» [Ms. Jackie Bauman](#)<sup>1</sup> (1. Memorial University of Newfoundland)

**Creating coastal experiential learning best practices with a proposed CZCA education specialty group**

» [Dr. Mike Bitton](#)<sup>1</sup> (1. Wilfred Laurier University)

10:30am **4E: Eco & Eco-cultural Restoration**

MCDH - 243

Chaired by: Ms. Alexandra Forsythe

**Eco-cultural marsh restoration for coastal resilience in Salish Sea estuaries**

» [Mr. Dominic Janus](#)<sup>1</sup>, [Mr. Tim Clermont](#)<sup>1</sup>, [Ms. Jacklyn Barrs](#)<sup>2</sup>, [Mr. Danny Hurry](#)<sup>3</sup> (1. Guardians of our Salish Estuaries, 2. WWF-Canada, 3. Wei Wai Kum Guardians)

**Seeing Two Ways: Unraveling Eelgrass Decline in James Bay**

» [Dr. Dante Torio](#)<sup>1</sup> (1. Chisasibi Eeyou Resource and Research Institute)

**Indigenous-led Kelp Restoration: A knowledge into action climate solutions project of the Nanwakolas Council Member First Nations - Tlowitsis, Wei Wai Kum, We Wai Kai, K'omoks, and Mamalilikulla**

» [Ms. Mairead Norton](#)<sup>1</sup> (1. Nanwakolas Council)

**Monitoring vegetation height to track environmental change and restoration trajectory in tidal wetlands**

» [Dr. Jeremy Lundholm](#)<sup>1</sup>, Ms. Kayla Williams<sup>2</sup>, Ms. Emily Hodgson<sup>3</sup>, Ms. Jennie Graham<sup>2</sup>, Mr. Tony Bowron<sup>2</sup>, Dr. Danika Van Proosdij<sup>3</sup> (1. TransCoastal Adaptations Centre for Nature-Based Solutions, 2. CB Wetlands and Environmental Specialists, 3. Saint Mary's University)

**A Call to Integrate Salt Marsh Ecomorphodynamics in Guiding 'Where to Draw the Line' for Flood Protection of the Chignecto Isthmus**

» [Dr. Danika Van Proosdij](#)<sup>1</sup>, Prof. Jeff Ollerhead<sup>2</sup>, Ms. Jennie Graham<sup>3</sup>, Mr. Tony Bowron<sup>3</sup>, Dr. Enda Murphy<sup>4</sup> (1. TransCoastal Adaptation Centre for Nature-based Solutions, Saint Mary's University, 2. Mount Allison University, Department of Geography and Environment, 3. CB Wetlands and Environmental Specialists, 4. University of British Columbia)

10:30am **4F: Society and Governance along the Coast**

MCDH - 246

Chaired by: Dr. Hannah Harrison

**An Emerging Civil Society in the Gulf of St. Lawrence?**

» [Dr. Peter Clancy](#)<sup>1</sup> (1. St. Francis Xavier University)

**Polycentric Governance in the Gulf of St. Lawrence**

» [Dr. Mario Levesque](#)<sup>1</sup> (1. Mount)

**"Some reflections on climate resilience and governance for communities of the Acadian Coast and Peninsula, NB, Canada"**

» [Prof. Omer Chouinard](#)<sup>1</sup>, Prof. Sebastian Weissenberger<sup>2</sup> (1. Université de Moncton, 2. Université TÉLUQ)

**Mapping Social Metabolism in the Gulf of St. Lawrence, 1850-2025**

» [Dr. Joshua MacFadyen](#)<sup>1</sup>, Dr. Erin Spinney<sup>2</sup> (1. University of Prince Edward Island, 2. University of New Brunswick, Saint John)



Continued from **Tuesday, 10 June**

10:30am **4G: Indigenous Coastal Climate Coalition (panel)**  
*PAC - 110S*  
 Chaired by: Ms. Debbie Miller

**Indigenous Coastal Climate Coalition British Columbia is our Coast**

» [Ms. Debbie Miller](#)<sup>1</sup>, Mr. Dave Johnston<sup>2</sup>, Ms. Lexi Kosmidis<sup>3</sup>, Ms. Angela Davidson<sup>4</sup>, Ms. Linus Shaw<sup>5</sup>, Ms. Paula Lash<sup>6</sup> (1. Indigenous Coastal Climate Coalition, 2. Haisla First Nation, 3. Songhees First Nation, 4. Da'naxda'xw First Nation, 5. Malahat First Nation, 6. Cowichan Tribes)

10:30am **4H: Acadian Peninsula Adaptation Planning (panel)**  
*Bill and Denise Andrew Hall - 142*  
 Chaired by: Mary-Ann Wilson

**Advancing coastal adaptation planning in the Acadian peninsula**

» [Ms. Nicky Hastings](#)<sup>1</sup>, Dr. André Robichaud<sup>2</sup>, Dr. Marion Tétégan Simon<sup>3</sup>, Ms. Jenna Miller<sup>4</sup> (1. Natural Resources Canada-Geological Survey of Canada, 2. University of Moncton - Shippagan, 3. VALORES, 4. Province of NB Environment & Local Govt.)

12pm **Lunch**  
*Wanda Wyatt Dining Hall*

1pm **5A: Nature-based Solutions and Communities**  
*PAC - 121S - Amphitheatre*  
 Chaired by: Ms. Elizabeth Andres

**Public perceptions of nature-based coastal solutions in the UK**

» [Dr. Avidesh Seenath](#)<sup>1</sup>, Dr. Scott Mahadeo<sup>2</sup>, Dr. Jade Catterson<sup>3</sup> (1. Environmental Change Institute, University of Oxford, 2. Portsmouth Business School, University of Portsmouth, 3. School of Energy, Construction and Environment, Coventry University)

**Community leadership in coastal research and monitoring in Inuit Nunangat**

» [Ms. Allison Drake](#)<sup>1</sup>, Ms. Darcy McNicholl<sup>1</sup>, Ms. Laurissa Christie<sup>1</sup>, Dr. Karen Dunmall<sup>1</sup> (1. Fisheries and Oceans Canada)

**An Aquatic Invasive Species Invasion in Rural NL: A Case Study in Raising Awareness of and Engaging the Community in Stewardship and Management.**

» [Mr. Sheldon Peddle](#)<sup>1</sup>, Mr. Aiden Callfas<sup>1</sup> (1. ACAP Humber Arm)

**Landscape architecture and nature based solutions for Canada's coasts**

» [Mr. Gordon Smith](#)<sup>1</sup>, Mx. Hope Parnham<sup>1</sup> (1. Canadian Society of Landscape Architects)

**Citizen-Science in Action: Transforming Beach Cleanups in Panama**

» Ms. Angie P Diaz<sup>1</sup>, [Dr. Camilo M. Botero](#)<sup>2</sup> (1. Lipscomb University, 2. Coastal Systems Research Group)

1pm **5B: Mapping, Design, & Monitoring**  
*PAC - 112S*  
 Chaired by: David Forde

**Developing Empirical Equations for Oyster Shell Berm Performance Using Full-Scale Experiments**

» [Mr. Mitchel Provan](#)<sup>1</sup>, Mr. Amanj Rahman<sup>1</sup>, Dr. Enda Murphy<sup>2</sup> (1. National Research Council Canada, 2. University of British Columbia)

**Advanced numerical modeling using MIKE 21 to inform coastal resilience using nature-based and indigenous stewardship technologies in British Columbia**

» [Mr. Jose Ribba](#)<sup>1</sup>, Ms. Jessica Wilson<sup>1</sup>, Dr. Jonatan Margalit<sup>1</sup>, Mr. Shubhneet Singh<sup>1</sup>, Mr. Danker Kolijn<sup>1</sup>, Ms. Sarah Dal Santo<sup>2</sup>, Mr. Daniel Leonard<sup>3</sup>, Ms. Becca Kordas<sup>4</sup>, Ms. Katya YUSHMANOVA<sup>5</sup> (1. DHI Water & Environment, 2. Tsleil-Waututh Nation, 3. Westmar Advisors Inc., 4. Hatfield Consultants, 5. PWL Partnership Landscape Architects)



Continued from **Tuesday, 10 June**

**Modelling Fate and Transport of Dredged Sediment Pumped onto Sturgeon Bank, Fraser Estuary**

» [Mr. Jeremy Karkanis](#)<sup>1</sup>, Mrs. Jamie Morris<sup>2</sup>, Mr. Mitchel Provan<sup>2</sup>, Ms. Jamie Gauk<sup>3</sup>, Mr. Eric Balke<sup>3</sup>, Mr. Julien Cousineau<sup>2</sup>, Dr. Enda Murphy<sup>1</sup> (1. University of British Columbia, 2. National Research Council Canada, 3. Ducks Unlimited Canada)

**Living Shorelines in Cool-Temperate Climates: Insights from a Freeze-Up Event at the Living Dike Pilot Project Site, British Columbia**

» [Dr. Enda Murphy](#)<sup>1</sup>, Mr. Matt Osler<sup>2</sup>, Dr. D. Gwyn Lintern<sup>3</sup>, Ms. Michelle Côté<sup>3</sup> (1. University of British Columbia, 2. City of Surrey, 3. Natural Resources Canada-Geological Survey of Canada)

**Mapping Submerged Wild Kelp Biomass on the East Coast of Canada using Topo-bathymetric Lidar**

» [Dr. Tim Webster](#)<sup>1</sup> (1. Applied Geomatics Research Group, NSCC)

1pm

**5C: Hazard Assessment & Asset Management**

*PAC - 110A*

Chaired by: Mr. Tianze Pang

**Coastal Flood Inundation Mapping of British Columbia's Coastline for Hazard Risk Assessment**

» [Mrs. Elisa Scordo](#)<sup>1</sup>, Dr. Brett Eaton<sup>1</sup>, Mr. Kris Holm<sup>1</sup> (1. BGC Engineering)

**Flood Hazard Identification and Mapping Program (FHIMP): Technical Bulletins**

» [Ms. Marta Lopez Egea](#)<sup>1</sup>, Ms. Mouna Doghri<sup>1</sup>, Mr. Apurba Das<sup>1</sup> (1. Environment and Climate Change Canada)

**Development of Asset Management, Relocation and Decommissioning Plans for Coastal Infrastructure Across PEI**

» [Mr. Brian Thompson](#)<sup>1</sup>, Ms. Brianna Lunardi<sup>2</sup>, Mr. Vincent Leys<sup>2</sup>, Ms. Candace MacDonald<sup>2</sup>, Mr. Jordan Doiron<sup>2</sup> (1. PEDTI, 2. CBCL)

**Coastline Classification and Delineation Using Machine Learning for Quantification of Coastal Erosion on Prince Edward Island**

» [Ms. Genevieve Keefe](#)<sup>1</sup>, Dr. Xander Wang<sup>1</sup> (1. University of Prince Edward Island)

**Combined risk of storm waves and storm surges in the Gulf of St. Lawrence**

» [Prof. Urs Neumeier](#)<sup>1</sup>, Mr. Sylvain Joly<sup>1</sup> (1. Institut des sciences de la mer, Université du Québec à Rimouski)

1pm

**5D: Place-based Leadership & Stewardship**

*MCDH - 242*

Chaired by: Mrs. Thy Huynh

**Community Stewardship, Climate Adaptation and Archaeology in Nova Scotia**

» [Ms. Andrea Richardson](#)<sup>1</sup> (1. Cape Sable Historical Society)

**Living with the Seafloor: Exploring Place-Based Knowledge of Benthic Spaces in the Minas Basin, Nova Scotia**

» [Ms. Alison Webster](#)<sup>1</sup>, Dr. Patricia Manuel<sup>1</sup> (1. Dalhousie University)

**Ocean Stewardship and the Power of Community**

» Dr. Anthony Charles<sup>1</sup>, [Mr. Abdul-Aziz Alawy Mussa](#)<sup>1</sup> (1. School of the Environment, Saint Mary's University)

**Guardians of the Northern Shelf: Gitxaala Law and Leadership in Marine Protected Areas**

» [Ms. Courtney Halvorson](#)<sup>1</sup>, [Mrs. Jacinthe Amyot](#)<sup>2</sup> (1. Gitxaala Territorial Management Agency, 2. Parks Canada)

**Weaving Worlds Together: Indigenous Knowledge and Western Science in Marine Conservation**

» [Ms. Danielle Burrows](#)<sup>1</sup>, [Ms. Irine Polyzogopoulos](#)<sup>1</sup>, [Ms. Alison Wale](#)<sup>1</sup> (1. The Nuu-chah-nulth Tribal Council)



Continued from **Tuesday, 10 June**

1pm **5E: Salt Marsh, Biomass, & Carbon Accumulation**  
*MCDH - 243*  
 Chaired by: Prof. Fanny Noisette

**Macrophytes Biomass Mapping along the Estuary and Gulf of St. Lawrence coasts using Space-borne Multispectral Imagery**  
 » [Ms. Brigitte Légaré](#)<sup>1</sup>, Prof. Christian Nozais<sup>1</sup>, Prof. Simon Bélanger<sup>1</sup> (1. Université du Québec à Rimouski (UQAR))

**Blue Carbon Stocks and Carbon Accumulation Rates for Salt Marshes on the Coast of Western Hudson and James Bays, Canada**  
 » Dr. Marlow Pellatt<sup>1</sup>, [Mr. Marcus Forbes-Green](#)<sup>1</sup>, Dr. Adam Collingwood<sup>1</sup>, [Mr. Samuel Hunter](#)<sup>2</sup>, Dr. Karen Richardson<sup>1</sup> (1. Parks Canada, 2. Weenusk First Nation)

**SALTGARDEN - enabling resilient salt marshes in the Wadden Sea**  
 » [Dr. Erik Horstman](#)<sup>1</sup>, Dr. M. Paul<sup>2</sup>, Dr. D. Bunzel<sup>2</sup>, Dr. B.W. Borsje<sup>1</sup>, Dr. V. Kitsikoudis<sup>1</sup>, Dr. J.M. van Loon-Steensma<sup>3</sup>, Prof. Dr. K. Rehdanz<sup>4</sup>, Dr. M-C. Riekhof<sup>4</sup>, Dr. L. Sander<sup>5</sup>, Dr. H. Schwermer<sup>4</sup>, Prof. Dr. D. van der Wal<sup>6</sup>, Prof. Kathelijne Wijnberg<sup>1</sup> (1. University of Twente, 2. Leibniz University Hannover, 3. Van Hall Larenstein, 4. Kiel University, 5. Alfred-Wegener-Institute, 6. NIOZ)

**The great drowning – salt marsh loss on Nova Scotia coasts of the Gulf of St. Lawrence**  
 » [Dr. David Garbary](#)<sup>1</sup> (1. St. Francis Xavier University)

1pm **5F: Flooding & Adaptive Structures**  
*MCDH - 246*  
 Chaired by: Ross Dwyer

**Pilot Testing a Living Dike in Boundary Bay, British Columbia**  
 » [Mr. Eric Morris](#)<sup>1</sup>, Mr. Evan Elder<sup>1</sup>, Ms. Allison Matfin<sup>1</sup>, Ms. Rachel Burns<sup>1</sup>, Mr. Matt Osler<sup>2</sup>, Mr. Daniel Stewart<sup>3</sup> (1. Kerr Wood Leidal Associates Ltd., 2. City of Surrey, 3. Asarum Ecological Consulting)

**Acadian diaspora connections to Nova Scotia dykeland and tidal wetland landscapes**  
 » [Mr. Alexandre Legault](#)<sup>1</sup>, Dr. Kate Sherren<sup>1</sup> (1. School for Resource and Environmental Studies, Dalhousie University)

**Experimental and Numerical Modeling of Climate Change-Adaptive Coastal Structures, Phase II: Vertical Seawalls**  
 » [Mr. Stefano Kerr](#)<sup>1</sup>, Mr. Scott Baker<sup>2</sup>, Dr. Ioan Nistor<sup>1</sup> (1. University of Ottawa, 2. National Research Council Canada)

**Coastal Canada-wide Flood Hazard Modelling at Public Safety Canada**  
 » Ms. Julie Van de Valk<sup>1</sup>, Mr. Karl Chastko<sup>1</sup>, Mr. Robin Bourke<sup>1</sup>, [Ms. Jennifer Pellerin](#)<sup>1</sup> (1. Public Safety Canada)

1pm **5G: Marine Protected Areas (workshop)**  
*PAC - 110S*  
 Chaired by: Dr. Fiona Beaty

**The Great Bear Sea MPA Network: lessons learned from designing and implementing the first MPA Network in Canada**  
 » [Dr. Fiona Beaty](#)<sup>1</sup>, Ms. Kil Hltaanuwaay - Tayler Brown<sup>2</sup>, Ms. Julien Braun<sup>2</sup>, Mr. Steve Diggon<sup>3</sup>, Mr. Emery Hartley<sup>4</sup>, Mr. Aaron Heidt<sup>1</sup>, Ms. Heather Maddin<sup>5</sup>, Mr. Avery Maloney<sup>1</sup>, Ms. Rebecca Martone<sup>6</sup>, Mr. Chris McDougall<sup>7</sup>, Mr. Mike Reid<sup>8</sup>, Ms. Carrie Robb<sup>9</sup>, Ms. Emily Rubidge<sup>9</sup>, Mr. Charlie Short<sup>4</sup>, Ms. Kristin Worsley<sup>4</sup>, Ms. Nichole Prichard<sup>4</sup>, Mr. Vance Mercer<sup>9</sup>, Ms. Stacey Rehel<sup>9</sup>, Ms. Kate MacMillan<sup>10</sup> (1. Great Bear Sea MPA Network, 2. Council of the Haida Nation, 3. Coastal First Nations, 4. BC Ministry of Waters Lands and Resource Stewardship, 5. BC Parks, 6. Nanwakolas Council, 7. Parks Canada, 8. Heiltsuk Nation, 9. Department of Fisheries and Oceans, 10. Canadian Parks and Wilderness Society)

1pm **5H: Coastal Access - Part 1 (workshop)**  
*Bill and Denise Andrew Hall - 142*  
 Chaired by: Dr. Patricia Manuel



Continued from **Tuesday, 10 June**

**Coastal access workshop: building strategies and relationships for connecting with the shore**

» [Dr. Patricia Manuel](#)<sup>1</sup>, [Dr. Hannah Harrison](#)<sup>1</sup>, [Mr. Nicolas Winkler](#)<sup>2</sup>, [Mr. Mike Kofah](#)<sup>3</sup>, [Mr. Bryson Guptill](#)<sup>4</sup> (1. Dalhousie University, 2. Ecology Action Centre, 3. East Coast Environmental Law, 4. The Island Walk (PEI) Inc.)

2:30pm **Coffee Break**  
*Wanda Wyatt Dining Hall*

3pm **6A: Data, Training, and Co-Management**  
*PAC - 121S - Amphitheatre*  
Chaired by: Ms. Julien Braun

**Facilitating easy, non-technical access to satellite imagery analytics to support sustainable coastal habitat management at scale**

» [Mr. Mads Christensen](#)<sup>1</sup>, [Dr. Silvia Huber](#)<sup>2</sup>, [Dr. Lisbeth Nielsen](#)<sup>2</sup>, [Dr. Mikkel Bojesen](#)<sup>2</sup> (1. DHI Water & Environment, 2. DHI A/S)

**Adapting to Sea-Level Change: New High-Resolution Coastal Projections for Canada**

» [Mr. Etienne Bilodeau](#)<sup>1</sup>, [Dr. Armin Nikkhah](#)<sup>2</sup> (1. Environment and Climate Change Canada, 2. ClimAtlantic)

**Stewardship and Conservation Efforts within the Tsawout Indigenous Protected and Conserved Area (QEN, T MPA)**

» [Mr. Neil Fowler](#)<sup>1</sup>, [Dr. Lais Chaves](#)<sup>2</sup>, [Mr. Dion Joseph](#)<sup>2</sup>, [Ms. Jennifer Claxton](#)<sup>2</sup>, [Ms. Chrissy Chen](#)<sup>1</sup>, [Mr. Adrian Boskovic](#)<sup>1</sup> (1. Tsawout First Nation, 2. Tsawout First NAtion)

**Applying the Green Shores® Program in Mi'kma'ki: What We've Heard and Where We're Going**

» [Mx. Kelly Umlah](#)<sup>1</sup> (1. Saint Mary's University)

3pm **6B: Nature-based Designs & Restoration**  
*PAC - 112S*  
Chaired by: Ms. Acacia Markov

**Making Room for Wetlands: Managed dyke realignment and tidal wetland restoration in Nova Scotia's dykelands**

» [Ms. Nancy Anningson](#)<sup>1</sup>, [Ms. Morganne Robben](#)<sup>1</sup>, [Dr. Danika Van Proosdij](#)<sup>2</sup>, [Mr. Tony Bowron](#)<sup>3</sup> (1. TransCoastal Adaptations Centre for Nature-Based Solutions, 2. Saint Mary's University, 3. CB Wetlands and Environmental Specialists)

**Restoration Trajectories and Carbon Storage Capabilities of Restored Coastal Wetlands: A Nova Scotia Case Study**

» [Mr. Evan Rundle](#)<sup>1</sup>, [Ms. Morganne Robben](#)<sup>1</sup>, [Mrs. Brittney Roughan](#)<sup>1</sup>, [Dr. Jeremy Lundholm](#)<sup>1</sup>, [Dr. Danika Van Proosdij](#)<sup>2</sup> (1. TransCoastal Adaptations Centre for Nature-Based Solutions, 2. Saint Mary's University)

**Developing Nature-Based Design Alternatives to Conventional Seawalls in False Creek, BC**

» [Ms. Megan Vaughan](#)<sup>1</sup>, [Ms. Katya YUSHMANOVA](#)<sup>2</sup> (1. Hatfield Consultants, 2. PWL Partnership Landscape Architects)

**Community-Scale Nature-Based Design for Habitat Enhancement on Vulnerable Coastlines in Parksville-Qualicum Beach**

» [Ms. Alexandra Forsythe](#)<sup>1</sup>, [Mr. Grant Lamont](#)<sup>1</sup>, [Dr. Phil Osborne](#)<sup>1</sup>, [Mr. Wil Hilsen](#)<sup>1</sup> (1. Northwest Hydraulic Consultants)

**The Use of Nature-based Infrastructure for Mitigating Coastal Erosion in Newfoundland. Department of Geography, University of Newfoundland and Labrador, St John's, Newfoundland.**

» [Ms. Marina Cuselli](#)<sup>1</sup>, [Mr. Joseph Daraio](#)<sup>1</sup>, [Ms. Carissa Brown](#)<sup>1</sup> (1. Memorial University of Newfoundland)

3pm **6C: Shoreline Classification, Restoration, & Monitoring**  
*PAC - 110A*  
Chaired by: Dr. Mohammad Dibajnia

**Monitoring the Coast During Storm Events: Lessons Learned from Hurricane Fiona**

» [Dr. Tim Webster](#)<sup>1</sup> (1. Applied Geomatics Research Group, NSCC)



Continued from **Tuesday, 10 June**

**West Point Cedar Dunes Shoreline Restoration Project (2022-2024)**

» [Mr. Vincent Leys](#)<sup>1</sup>, Dr. Steffanie Piché<sup>1</sup> (1. CBCL)

**The effects of coastal erosion on the PEI archaeological record**

» [Mr. Christian Theriault](#)<sup>1</sup> (1. Government of Prince Edward Island)

**Enhanced Shoreline Classification for Prince Edward Island**

» [Ms. Esther Gomes](#)<sup>1</sup>, Mr. Danker Kolijn<sup>2</sup>, Mr. Mads Christensen<sup>2</sup>, Dr. Andrew Clark<sup>3</sup>, Mr. Peter Nishimura<sup>3</sup>, Mr. Matthew McNeill<sup>3</sup> (1. DHI Water & Environment Inc., 2. DHI Water & Environment, 3. Government of Prince Edward Island)

3pm

**6D: Partnerships, Perspectives, & Synergies**

*MCDH - 242*

Chaired by: Dr. Enda Murphy

**Insights and outcomes from a collaborative assessment of the cumulative effects of marine vessel traffic at regional scales on the South Coast of British Columbia**

» [Dr. Natascia Tamburello](#)<sup>1</sup>, Mr. Hugh Stimson<sup>1</sup>, Dr. Ibrahim Alameddine<sup>1</sup>, Ms. Shreya Nemani<sup>1</sup>, Mr. Alex Crew<sup>1</sup>, Dr. Annie Chalifour<sup>2</sup>, Mx. Ship Movement and Vessel Management Coordinating Committee VMCC<sup>3</sup> (1. ESSA Technologies Ltd., 2. LGL Environmental Ltd., 3. First Nations Fisheries Council)

**Developing a Comprehensive Coastal Strategy for Resilient Ecosystems and Communities in Maine**

» [Ms. Helena Tatgenhorst](#)<sup>1</sup>, Mr. Jeremy Bell<sup>1</sup>, Mrs. Jocelyn Runnebaum<sup>1</sup>, Mr. Geoffrey Smith<sup>1</sup> (1. The Nature Conservancy)

**Nature-based sandy interventions: finding synergies between flood safety, beach recreation and nature**

» [Prof. Kathelijne Wijnberg](#)<sup>1</sup>, Ms. Elham Bakhshianlamouki<sup>1</sup>, Ms. Sasja van Rosmalen<sup>2</sup>, Mr. Manuel Teixeira-Manion<sup>1</sup>, Dr. Ellen-Wien Augustijn<sup>1</sup>, Prof. Marcela Brugnach<sup>3</sup>, Dr. Erik Horstman<sup>1</sup>, Dr. Juul Limpens<sup>2</sup>, Dr. Jan Mulder<sup>1</sup>, Dr. Michel Riksen<sup>2</sup>, Prof. Alexey Voinov<sup>1</sup> (1. University of Twente, 2. Wageningen University, 3. Basque Centre for Climate Change)

**Restoration of Coastal Dunes: Strengthening Ecosystem Resilience in Sisal, Yucatán**

» [Dr. Maria Patricia Guadarrama](#)<sup>1</sup>, Mr. Baruch Aguilar<sup>2</sup>, Dr. Laura Elena Vidal Hernandez<sup>1</sup>, Dr. Diana de Yta Castillo<sup>1</sup>, Mr. Nuno Simoes<sup>1</sup>, Mr. Isaac Chacon<sup>2</sup> (1. Universidad Nacional Autónoma de México, 2. NGO)

3pm

**6E: Monitoring, Innovation, & Resilience**

*MCDH - 243*

Chaired by: Makadunyiswe Ngulube

**The Seasonal Variation of Wave Energy Dissipation by Immature Coastal Saltmarshes: Insights from Large-Scale Flume Experiments**

» [Ms. Ganga Caldera](#)<sup>1</sup>, Dr. Jacob Stolle<sup>1</sup>, Dr. Damien Pham Van Bang<sup>2</sup>, Dr. Enda Murphy<sup>3</sup>, Mr. Paul Knox<sup>4</sup> (1. Institut national de la recherche scientifique (INRS), 2. École de technologie supérieure, 3. University of British Columbia, 4. National Research Council of Canada)

**Coastal Processes at McNabs Island**

» [Ms. Sarah van den Heuvel](#)<sup>1</sup>, Dr. Steffanie Piché<sup>1</sup>, Mr. Vincent Leys<sup>1</sup> (1. CBCL)

**Three years of Monitoring at the Truro-Onslow Dyke Realignment and Tidal Wetland Restoration Project**

» Ms. Kayla Williams<sup>1</sup>, Ms. Jennie Graham<sup>1</sup>, Mr. Tony Bowron<sup>1</sup>, Dr. Danika Van Proosdij<sup>2</sup>, [Ms. Kirsten Ellis](#)<sup>3</sup> (1. CB Wetlands and Environmental Specialists, 2. Saint Mary's University, 3. CB Wetlands & Environmental Specialists)



Continued from **Tuesday, 10 June**

**Carbon balance changes in southern Gulf of St. Lawrence salt marshes**

» [Mr. Angus Kennedy](#)<sup>1</sup>, Dr. David Garbary<sup>1</sup> (1. St. Francis Xavier University)

**Pelee Coastal Resilience Action Plan**

» [Mr. Pete Zuzek](#)<sup>1</sup>, Mrs. Linda Mortsch<sup>2</sup>, Mrs. Janice Forsyth<sup>3</sup>, Dr. Larry Hildebrand<sup>4</sup> (1. Zuzek Inc., 2. University of Waterloo, 3. Foresight Consulting, 4. World Maritime University)

3pm

**6F: Vulnerability, Design, & Restoration**

*MCDH - 246*

Chaired by: Mr. Mitchel Provan

**Scale in Natural Design for Sediment-based and Hybrid Solutions for Coastal Risk Management**

» [Dr. Phil Osborne](#)<sup>1</sup>, Mr. Grant Lamont<sup>1</sup> (1. Northwest Hydraulic Consultants)

**Restoring a resilient coastal ecosystem to Green Shores Gold Standard at Dyke Road Park**

» [Ms. Kylie Knox](#)<sup>1</sup>, Ms. Sarah Primeau<sup>2</sup>, [Ms. Kelly Loch](#)<sup>2</sup> (1. Northwest Hydraulic Consultants, 2. Stewardship Centre for BC)

**Applying well-developed vulnerability assessments in a Nova Scotian coastal wetland and beach context - Madison Hedges MSc**

» [Ms. Madison Hedges](#)<sup>1</sup> (1. University of Galway Coastal and Marine Environments MSc)

**Sturgeon Bank Sediment Enhancement Pilot Project: Year 3 Update - Re-use of dredged sediment to support ecological resilience and coastal flood adaptation.**

» Mr. Eric Balke<sup>1</sup>, Mr. Derek Ray<sup>2</sup>, Mr. Grant Lamont<sup>2</sup>, Ms. Neville Berard<sup>2</sup>, [Ms. Mika Davis](#)<sup>3</sup>, [Ms. Jamie Gauk](#)<sup>1</sup>, Ms. Taylor Marriott<sup>1</sup>, Mr. Zian Sally<sup>2</sup> (1. Ducks Unlimited Canada, 2. Northwest Hydraulic Consultants Ltd., 3. Bluedot Environmental Ltd.)

**Canada-Wide Mapping of Coastal Change**

» [Dr. Gavin Manson](#)<sup>1</sup>, Dr. Thomas James<sup>1</sup>, Mr. Roger MacLeod<sup>1</sup>, Mr. Dustin Whalen<sup>1</sup>, Ms. Nicky Hastings<sup>1</sup>, Dr. Ian Olthof<sup>2</sup> (1. Natural Resources Canada-Geological Survey of Canada, 2. Environment and Climate Change Canada - National Wildlife Research Centre)

3pm

**6G: Impacts on Indigenous Communities, Culture, & Way of Life (panel)**

*PAC - 1105*

Chaired by: Ms. Sarah Thomas

**Impacts on Indigenous communities way of life, culture and resources along Canadian Coasts.**

» [Ms. Sarah Thomas](#)<sup>1</sup>, Ms. Maia Reynard<sup>1</sup> (1. Clear Seas)

3pm

**6H: Coastal Access - Part 2 (workshop)**

*Bill and Denise Andrew Hall - 142*

Chaired by: Dr. Patricia Manuel

**Coastal access workshop Part 2: Building relationships and strategies for connecting with the shore**

» [Dr. Patricia Manuel](#)<sup>1</sup>, Dr. Hannah Harrison<sup>1</sup>, Mr. Nicolas Winkler<sup>2</sup>, Mr. Mike Kofahl<sup>3</sup>, Mr. Bryson Guptill<sup>4</sup> (1. Dalhousie University, 2. Ecology Action Centre, 3. East Coast Environmental Law, 4. The Island Walk (PEI) Inc.)

4:30pm

**Poster Session**

*Don and Marion McDougall Hall (MCDH)*

**The Littoral Ice Climate of Southeastern Lake Huron: Implications for Bluff Retreat and Sediment Transport**

» [Mr. Ben Woodward](#)<sup>1</sup>, Dr. Chris Houser<sup>1</sup> (1. University of Waterloo)

**The Influence of Jetties on the Downdrift Nearshore Environment on the North Shore of Lake Erie**

» [Mr. Cooper O'Rourke](#)<sup>1</sup>, Dr. Chris Houser<sup>1</sup> (1. University of Waterloo)



Continued from Tuesday, 10 June

**Sedimentological survey of bluff debris along the north shore of Lake Erie**

» [Ms. Jacqueline Voisin](#)<sup>1</sup>, Mr. Cooper O'Rourke<sup>1</sup>, Dr. Chris Houser<sup>1</sup> (1. University of Waterloo)

**Sedimentary dynamics of beach and dunes to assess a coastal restoration**

» [Dr. Marion Tétégan Simon](#)<sup>1</sup>, [Dr. Thibaut Peterlini](#)<sup>2</sup> (1. VALORÉS, Coastal Zones Research Institute Inc., Nouveau-Brunswick, Canada, 2. VALORES)

**Modelling sediment transport pathways around Point Pelee in Lake Erie.**

» [Mrs. Sahar Soltani](#)<sup>1</sup>, Dr. Alex Smith<sup>1</sup>, Dr. Chris Houser<sup>1</sup> (1. University of Waterloo)

**Enhancing Coastal Resilience: Marsh elder (*Iva frutescens*) as a Nature-based Solution**

» [Ms. Allison MacNeil](#)<sup>1</sup> (1. Saint Mary's University)

**A Synthesis of Blue Carbon Stocks and Accumulation Rates in Eelgrass (*Zostera marina*) Meadows in Atlantic Canada**

» [Ms. Rebecca Smart](#)<sup>1</sup>, Ms. Elli Cunningham<sup>1</sup>, Ms. Karen Kohfeld<sup>1</sup>, Mr. Adam Dewar<sup>1</sup>, Mr. Marlow Pellatt<sup>2</sup> (1. Simon Fraser University, 2. Parks Canada)

**Assessing coastal development plans over the lifetime of the Nova Scotia Coastal Protection Act: A case study for Halifax Regional Municipality (HRM)**

» [Ms. Athena Iraj](#)<sup>1</sup>, Dr. Kate Sherren<sup>1</sup> (1. School for Resource and Environmental Studies, Dalhousie University)

**Community-partnered monitoring of riverine and coastal ecosystems in the Hudson Bay and James Bay Lowlands**

» [Ms. Alessia Guzzi](#)<sup>1</sup>, Prof. Tim Papakyriakou<sup>2</sup>, Prof. Jens Ehn<sup>2</sup>, Dr. LeeAnn Fishback<sup>3</sup>, Dr. Karen Richardson<sup>3</sup>, Dr. Alison Cassidy<sup>3</sup>, Mr. Samuel Hunter<sup>4</sup>, Dr. Alexandre Litvinov<sup>5</sup>, Ms. Hope Hill<sup>6</sup>, Mr. Keilan Ledger<sup>1</sup>, Mr. Kaushik Gupta<sup>1</sup>, Prof. Zou Zou Kuzyk<sup>2</sup> (1. University of Manitoba, Centre for Earth Observation Science, 2. University of Manitoba, 3. Parks Canada, 4. Weenusk First Nation, 5. Moose Cree First Nation, 6. Mushkegowuk Council, Lands and Resources)

**Coastal erosion of sand dunes and barrier beaches on shores of Nova Scotia facing the Gulf of St. Lawrence**

» [Dr. David Garbary](#)<sup>1</sup>, Ms. Alexis Trevors<sup>1</sup>, Dr. Gretchen Noyes-Hull<sup>2</sup> (1. St. Francis Xavier University, 2. Gulf Aquarium and Marine Station Cooperative, Old Cabot Trail Road, Grand Étang NS, B0E 1L0)

**What are the climate change-related risks for the fishing sector in coastal communities? Sudy case in the Acadian Peninsula**

» Mr. Rajaonarimanana Nisa<sup>1</sup>, [Dr. Irina Randriantiana](#)<sup>1</sup>, [Dr. Marion Tétégan Simon](#)<sup>2</sup> (1. VALORÉS, Coastal Zones Research Institute Inc., Nouveau-Brunswick, Canada, 2. VALORES)

**Contribution of seagrass meadows and salt marshes in the Acadian Peninsula to combating climate change through blue carbon sequestration**

» [Dr. Irina Randriantiana](#)<sup>1</sup>, Mr. Rajaonarimanana Nisa<sup>1</sup>, [Dr. Marion Tétégan Simon](#)<sup>2</sup> (1. VALORÉS, Coastal Zones Research Institute Inc., Nouveau-Brunswick, Canada, 2. VALORES)

**A modeling framework for PEI's coastal hazard assessment**

» [Mr. Tianze Pang](#)<sup>1</sup>, Dr. Xander Wang<sup>1</sup> (1. University of Prince Edward Island)

**MODELLING THE EFFECTIVENESS OF NATURE-BASED INFRASTRUCTURE IN REDUCING FLOOD HAZARDS AT THE LIVING DYKE IN BOUNDARY BAY, BC**

» [Ms. Marina St. Marseille](#)<sup>1</sup>, Dr. Ryan Mulligan<sup>1</sup>, Ms. Jamie Gauk<sup>2</sup>, Mr. Aeri De La Rosa Toro Rivera<sup>3</sup>, Dr. Enda Murphy<sup>3</sup>, Mr. Mitchel Provan<sup>4</sup> (1. Department of Civil Engineering, Queen's U, 2. Ducks Unlimited Canada, 3. University of British Columbia, 4. National Research Council Canada)



Continued from **Tuesday, 10 June**

**Advancing Coastal Adaptation Through Collaboration:  
Adapting Nova Scotia's Shared Coastal Parks**

» [Ms. Laura McCardle](#)<sup>1</sup> (1. Clean Foundation)

**Hydrodynamic Analysis of a Cylindrical Wave Energy  
Converter in Irregular Waves Using WEC-Sim**

» [Mr. Yi Man](#)<sup>1</sup>, Dr. Ioan Nistor<sup>1</sup>, Dr. Colin Rennie<sup>1</sup> (1. University of Ottawa)

**Impacts of Cliff Recession Processes along Chalets Road in  
Maisonnette, New Brunswick, between 2009 and 2023**

» [Mr. Simon Diouf](#)<sup>1</sup>, Mr. Dominique Bérubé<sup>1</sup> (1. New Brunswick Department of Natural Resources and Energy Development, New Brunswick Geological Survey)

**Costal aquifers as hidden conduits for water and  
contaminant exchanges in cold and warm seasons**

» [Ms. Summer Montoya](#)<sup>1</sup>, Dr. Rob Jamieson<sup>1</sup>, Dr. Barret Kurylyk<sup>1</sup> (1. Centre for Water Resources Studies, Dalhousie University)

**Reimagining the shore: 5Rs for a good coastal life**

» Dr. Kate Sherren<sup>1</sup>, [Dr. Patricia Manuel](#)<sup>2</sup>, Dr. H.M. Tuihedur Rahman<sup>3</sup>, Ms. Wells Emily<sup>1</sup>, Dr. Eric Rapaport<sup>2</sup>, Dr. Danika Van Proosdij<sup>3</sup> (1. School for Resource and Environmental Studies, Dalhousie University, 2. Dalhousie University, 3. Saint Mary's University)

**Tidal Wetlands in Nova Scotia: Plant Community Composition  
and Environmental Influences Across the Atlantic Coast,  
Northumberland Strait, and Bay of Fundy**

» [Ms. Emily Hodgson](#)<sup>1</sup> (1. Saint Mary's University)

**Protecting Coastal Wetlands in Nova Scotia Through  
Stewardship and Collaboration**

» [Ms. Abbey Duinker](#)<sup>1</sup>, Mr. Amos Creaser<sup>1</sup>, Ms. Kelly Mackarous<sup>1</sup> (1. Coastal Action)

**A Phase-by-Phase Approach in Developing Hybrid and  
Nature-Based Coastal Protection Measures Alongside  
Municipalities, and the Influence of Ice on Dune Restoration  
– Early Stages Case Study in Maisonnette, NB**

» [Mr. Christopher Mea](#)<sup>1</sup>, Dr. Thibaut Peterlini<sup>2</sup> (1. CORBO Engineering; Saint Mary's University, 2. VALORES)

**Environmental Stewardship by Small-Scale Fisheries**

» Dr. Anthony Charles<sup>1</sup>, [Mr. K M Shahriar Nazrul](#)<sup>1</sup> (1. School of the Environment, Saint Mary's University)

**Mahone Bay Living Shoreline: Flood Protection and Shoreline  
Stabilization.**

» [Ms. Jordan Veinot](#)<sup>1</sup> (1. Coastal Action)

**Blue Carbon Storage Dynamics in Prince Edward Island  
Eelgrass Meadows**

» [Ms. Elli Cunningham](#)<sup>1</sup>, Ms. Rebecca Smart<sup>1</sup>, Mr. Adam Dewar<sup>1</sup>, Mr. Marlow Pellatt<sup>2</sup>, Ms. Karen Kohfeld<sup>1</sup> (1. Simon Fraser University, 2. Parks Canada)

**Analyzing long-term variations in the position of the ordinary  
high-water mark along the coasts of New Brunswick using  
beach profile data**

» [Mr. Dominique Bérubé](#)<sup>1</sup>, Mr. Marc Desrosiers<sup>1</sup> (1. New Brunswick Department of Natural Resources and Energy Development, New Brunswick Geological Survey)

**Quantifying the cumulative effects of vessel wakes on  
coastal erosion risk at regional scales: A case study from the  
South Coast of British Columbia**

» [Dr. Ibrahim Alameddine](#)<sup>1</sup>, [Dr. Natascia Tamburello](#)<sup>1</sup>, Mr. Hugh Stimson<sup>1</sup>, Ms. Shreya Nemani<sup>1</sup> (1. ESSA Technologies Ltd.)

**Creating Clear pathways in the Ocean Economy**

» [Ms. Sarah Thomas](#)<sup>1</sup> (1. Clear Seas)



Continued from **Tuesday, 10 June**

**Evaluating the Accuracy of Loss on Ignition for Blue Carbon Quantification in North Atlantic Salt Marshes**

» [Dr. Holly Abbandonato](#)<sup>1</sup>, [Prof. Jeff Ollerhead](#)<sup>2</sup>, [Dr. Amanda Loder](#)<sup>3</sup>, [Mr. Nic McLellan](#)<sup>1</sup> (1. Ducks Unlimited Canada, 2. Mount Allison University, Department of Geography and Environment, 3. Environment and Climate Change Canada)

**Impacts of Coastal Hazards on Mental Health**

» [Ms. Jiayue Li](#)<sup>1</sup>, [Dr. Xander Wang](#)<sup>1</sup>, [Dr. Pelin Kinay](#)<sup>1</sup> (1. University of Prince Edward Island)

**Conservation Standards as a conservation planning framework for coastal management: A case study on the Inner Bay of Fundy Conservation Plan process**

» [Ms. Georgia Cooney](#)<sup>1</sup>, [Ms. Maxine Westhead](#)<sup>1</sup>, [Dr. Patricia Manuel](#)<sup>1</sup> (1. Dalhousie University)

**Rates of carbon accumulation and implications of sea-level rise in upper Bay of Fundy and Northumberland Strait salt marshes**

» [Dr. Amanda Loder](#)<sup>1</sup>, [Dr. Holly Abbandonato](#)<sup>2</sup>, [Mr. Nic McLellan](#)<sup>2</sup>, [Prof. Jeff Ollerhead](#)<sup>3</sup> (1. Environment and Climate Change Canada, 2. Ducks Unlimited Canada, 3. Mount Allison University, Department of Geography and Environment)

**Using fisher knowledge and scientific data to understand species importance in Chilika Lagoon, India**

» [Ms. Natasha Serrao](#)<sup>1</sup>, [Mx. Prateep Nayak](#)<sup>1</sup> (1. University of Waterloo)

**In and ex vitro germination and propagation of *Iva frutescens* L.**

» [Ms. Kendra Sampson](#)<sup>1</sup>, [Dr. Allison Walker](#)<sup>1</sup>, [Dr. Danika Van Proosdij](#)<sup>2</sup>, [Dr. Robin Browne](#)<sup>1</sup>, [Ms. Kirsten Ellis](#)<sup>3</sup> (1. Acadia University, 2. Saint Mary's University, 3. CB Wetlands & Environmental Specialists)

**Making Waves: The Social Ripple of Marine Conservation**

» [Ms. Payton Truyens](#)<sup>1</sup>, [Ms. Vanessa Mitchell](#)<sup>1</sup>, [Mr. Joshua Barucha](#)<sup>1</sup> (1. Maritime Aboriginal Peoples Council)

6:30pm **ECP Coastal Zone Trivia Night**  
*The Fox & Crow*

**Wednesday, 11 June**

8am **Registration**  
*Performing Arts Centre Front Entrance - Registration Desk*

8:30am **7A: Innovation, Tools, & Culture**  
*PAC - 121S - Amphitheatre*  
Chaired by: Sarah Cook

**Following the Flow of Water: An Atlas for Mi'kmaq Marine Knowledge**

» [Ms. Kelsey White](#)<sup>1</sup>, [Ms. Alanna Syliboy](#)<sup>1</sup>, [Mr. Lucas Amiro](#)<sup>1</sup>, [Ms. Leah Fulton](#)<sup>2</sup>, [Ms. Jumanah Khan](#)<sup>3</sup>, [Dr. Patricia Manuel](#)<sup>3</sup>, [Dr. Claudio Aporta](#)<sup>4</sup> (1. The Confederacy of Mainland Mi'kmaq, 2. University of Victoria, 3. Dalhousie University, 4. World Maritime University)

**Drones for Community-Driven Environmental Stewardship and Collaboration**

» [Mr. Ludwig Paul Cabling](#)<sup>1</sup> (1. University of Victoria)

**PEI Climate Hazard Tools & Resources**

» [Ms. Emily VanInderstine](#)<sup>1</sup>, [Mr. Matthew McNeill](#)<sup>1</sup> (1. Government of Prince Edward Island)

**Developing 3D Mapping Tools to Identify, Protect and Reconnect Communities with Submerged Mi'kmaw Heritage Sites**

» [Ms. Lauren Douglas](#)<sup>1</sup>, [Dr. Tim Webster](#)<sup>1</sup>, [Dr. Heather MacLeod-Leslie](#)<sup>2</sup>, [Mr. Keith Christmas](#)<sup>3</sup> (1. Applied Geomatics Research Group, NSCC, 2. Kwilmu'kw Maw-Klusuaqn Negotiations Office, 3. Unama'ki Institute of Natural Resources)



Continued from **Wednesday, 11 June**

**8:30am 7B: Multifaceted Challenges & Approaches**

PAC - 112S

Chaired by: Dr. Gavin Manson

**The Double-Barreled Case of Coastal Erosion in the Canadian Arctic**

» [Mr. Mark Biagi](#)<sup>1</sup> (1. Vision Marine Consulting Ltd.)

**Beach-Dune Resilience on the North Shore of Prince Edward Island: Insights from Fiona et al.**

» [Dr. Bernard Bauer](#)<sup>1</sup>, Prof. Robin Davidson-Arnott<sup>2</sup>, Prof. Jeff Ollerhead<sup>3</sup>, Prof. Irene Delgado-Fernandez<sup>4</sup>, Prof. Ian Walker<sup>5</sup>, Prof. Patrick Hesp<sup>6</sup> (1. Department of Earth, Environmental, and Geographic Sciences, University of British Columbia Okanagan, 2. University of Guelph, Department of Geography, Environment and Geomatics, 3. Mount Allison University, Department of Geography and Environment, 4. Earth Sciences Department, University of Cadiz, 5. Department of Geography, University of California Santa Barbara, 6. Beach and Dune Systems Lab, Flinders University)

**Managing Long-term Coastal Uncertainty with Adaptation Pathways – Case Study of The Links at Crowbush, PEI**

» [Ms. Brianna Lunardi](#)<sup>1</sup>, Mr. Vincent Leys<sup>1</sup>, Dr. Laura Swatridge<sup>1</sup> (1. CBCL)

**Balancing Shoreline Erosion Protection With Nearshore Restoration**

» [Mrs. Natasha Gibson](#)<sup>1</sup>, Mr. Jet Taylor<sup>1</sup> (1. Toronto and Region Conservation Authority)

**8:30am 7C: Developing CoastaAdapt (workshop)**

PAC - 110A

Chaired by: Ms. Joanna Eyquem

**Shaping CoastAdapt: A User Friendly Adaptation Platform for Canada's Coastal Communities**

» [Ms. Joanna Eyquem](#)<sup>1</sup>, Mr. Mujtaba Ali<sup>2</sup>, Ms. Kelsea Walker<sup>3</sup> (1. Climate Risk Institute, 2. Natural Resources Canada, 3. Nrcan)

**8:30am 7D: Local Voices and Leadership in Stewardship**

MCDH - 242

Chaired by: Mrs. Elisa Scordo

**“The lake is nature too”: Exploring support for barrier removal and tidal river restoration in Atlantic Canada**

» [Ms. Keahna Margeson](#)<sup>1</sup>, Dr. Kate Sherren<sup>2</sup>, Dr. Patricia Manuel<sup>1</sup>, Dr. Enda Murphy<sup>3</sup>, Dr. Ian Stewart<sup>1</sup>, Dr. Mike Smit<sup>1</sup> (1. Dalhousie University, 2. School for Resource and Environmental Studies, Dalhousie University, 3. University of British Columbia)

**Addressing the Plastic Pollution in Guyana Coastal Environment: A PROMAR Project**

» [Prof. Temitope D. Timothy Oyedotun](#)<sup>1</sup> (1. University of Guyana)

**The Plasticene Ocean: the dynamic human dimensions of marine plastic pollution and “ghost” fishing gear in the Northeast Pacific**

» [Ms. Oriana Smy](#)<sup>1</sup> (1. University of British Columbia)

**Strengthening resilience to oil spills and shipping accidents in Haida Gwaii: Guiding the development of Geographic Response Strategies using Haida knowledge of the lands and waters**

» [Ms. Olivia Choi](#)<sup>1</sup>, Mr. Shaun Edgars<sup>1</sup>, Ms. Elise DeCola<sup>2</sup> (1. Council of the Haida Nation, 2. Nuka Research & Planning Group)

**8:30am 7E: Holistic & Collaborative Approaches**

MCDH - 243

Chaired by: Jennifer Josenhans

**Collaborative Implementation of Conservation Mosaics in the Inner Bay of Fundy, and South and East Avalon**

» [Dr. Amanda Loder](#)<sup>1</sup>, [Dr. Karel Allard](#)<sup>2</sup>, Mrs. Mary Alliston Byrne<sup>2</sup>, Mr. Brian Koval<sup>2</sup> (1. Environment and Climate Change Canada, 2. Canadian Wildlife Service)



Continued from **Wednesday, 11 June**

**Addressing environmental issues in the Bay of Fundy – An overview of BoFEP and its next steps**

» Dr. Peter Wells<sup>1</sup>, Dr. Jon Percy<sup>2</sup>, Dr. Graham Daborn<sup>3</sup>, Mr. Michael Butler<sup>1</sup> (1. Dalhousie University and International Ocean Institute, 2. Bay of Fundy Ecosystem Partnership, 3. Acadia Centre for Estuarine Research/Acadia Tidal Energy Institute)

**The Sustainability of Coastal Protection Projects: Challenges and Trade-offs**

» Mr. Justin McKibbin<sup>1</sup> (1. Lasalle-NHC)

**Between the breakwaters: a non-technical role in coastal resilience**

» Ms. Laura Eamon<sup>1</sup> (1. CBCL)

**8:30am 7F: Shoreline Study & Interventions**

*MCDH - 246*

Chaired by: Ms. Marina Cuselli

**Lessons learnt on the design of a dynamic cobble revetment**

» Ms. Gabriella Mauti<sup>1</sup>, Mr. Amaury Camarena<sup>1</sup>, Mr. Scott Baker<sup>2</sup> (1. CBCL, 2. National Research Council Canada)

**2D Physical Modelling Study of the Shore Road Cobble Beach**

» Mr. Scott Baker<sup>1</sup>, Ms. Gabriella Mauti<sup>2</sup>, Mr. Amaury Camarena<sup>2</sup> (1. National Research Council Canada, 2. CBCL)

**Shoreline Restoration at Souris Causeway, PEI**

» Dr. Steffanie Piché<sup>1</sup>, Mr. Vincent Leys<sup>1</sup> (1. CBCL)

**Combining Traditional Engineering and Nature-Based Techniques for the Restoration of the Hillman Marsh Barrier Beach and Wetland**

» Mr. Seth Logan<sup>1</sup>, Mr. Danker Kolijn<sup>2</sup>, Mr. Pete Zuzek<sup>3</sup>, Ms. Jenny Gharib<sup>4</sup>, Mr. Kevin Money<sup>4</sup>, Mr. Greg Mayne<sup>5</sup> (1. SJL Engineering Inc., 2. DHI Water & Environment, 3. Zuzek Inc., 4. Essex Region Conservation Authority, 5. Canadian Water Agency)

**Numerical study of wave overtopping at coastal revetments**

» Dr. Mojtaba Jandaghian<sup>1</sup>, Dr. Abolghasem Pilechi<sup>1</sup>, Mr. Scott Baker<sup>1</sup> (1. National Research Council Canada)

**8:30am 7G (n/a)**  
*PAC - 110S*

**8:30am 7H: Crafts & Transformation (art activity)**  
*Bill and Denise Andrew Hall - 142*  
Chaired by: Ms. Sara Langer

**Crafting transformation through cultural arts and engagement in Conche, NL**

» Ms. Sara Langer<sup>1</sup> (1. Memorial University of Newfoundland)

**8:30am Root System Installation**  
*Don and Marion McDougall Hall (MCDH)*

**Root System Installation**  
» Mrs. Rosmarie Lohnes (Helping Nature Heal Inc.)

**9am Quiet Room #244 & #245, Lounge (2nd Floor)**  
*Quiet Room & Lounge Area - Don and Marion McDougall Hall*

**10am Coffee Break**  
*Wanda Wyatt Dining Hall*

**10:30am 8A: Law, Governance, & Decision Making**  
*PAC - 121S - Amphitheatre*  
Chaired by: Gordon Staples

**Satellite-Based Tools for Enhanced Decision Support in Coastal Zones: A Scalable Model Across Canada and Beyond**

» Mr. Mads Christensen<sup>1</sup>, Ms. Heather Laiskonis<sup>2</sup>, Dr. Michael Munk<sup>3</sup> (1. DHI Water & Environment, 2. PEI Watershed Alliance, 3. DHI A/S)



Continued from **Wednesday, 11 June**

**Strategic Coastal Governance – Towards a Made-in-Canada Approach**

» [Ms. Joanna Eyquem](#)<sup>1</sup> (1. Climate Risk Institute)

**Embedding climate change action in decision making by coastal municipalities**

» [Mr. Alexandre Legault](#)<sup>1</sup>, [Dr. Sandra Toze](#)<sup>2</sup>, [Dr. Isabelle Caron](#)<sup>3</sup> (1. School for Resource and Environmental Studies, Dalhousie University, 2. Department of Information Science, Dalhousie University, 3. Department of Policy and International Relations, Dalhousie University)

**Squeezed from both sides: An analysis of legal mechanisms, judicial trends, and limitations in maintaining coastal access in Nova Scotia, Canada, with implications for future coastal management.**

» [Mr. Samuel Eisner](#)<sup>1</sup>, Dr. Hannah Harrison<sup>1</sup>, Dr. Patricia Manuel<sup>1</sup>, Mr. Mike Kofahl<sup>2</sup>, Dr. James Baxter<sup>1</sup> (1. Dalhousie University, 2. East Coast Environmental Law)

10:30am **8B: Protection, Stabilization, & Community Consultation**

PAC - 112S

Chaired by: Dr. Jacob Stolle

**Setting up the conditions for implementing a coastal nature-based approach from a municipal point of view: example of Shore Rd project**

» [Ms. Emma Poirier](#)<sup>1</sup>, Ms. Victoria Fernandez<sup>1</sup>, Mr. Wisdom Akpokighe<sup>1</sup>, Mr. Amaury Camarena<sup>2</sup>, Ms. Gabriella Mauti<sup>2</sup> (1. Halifax Regional Municipality, 2. CBCL)

**Protecting property from erosion and creating living shorelines with geotextile containers and stabilization technologies**

» [Mr. Kevin Bossy](#)<sup>1</sup>, Mr. Tony Kobilnyk<sup>1</sup> (1. Bishop Water)

**Design, Construction, and Monitoring of a Nature-based Nearshore Reef and Dune System at Gibraltar Point in Toronto, Ontario**

» [Dr. Mohammad Dibajnia](#)<sup>1</sup>, Ms. Brynn Coey<sup>2</sup>, Mr. Rick Portiss<sup>2</sup>, Ms. Karen McDonald<sup>2</sup>, Mr. Clifton Coppolino<sup>2</sup> (1. W.F. Baird & Associates Coastal Engineers Ltd., 2. TRCA)

10:30am **8C: Social-ecological Systems Lens (panel)**

PAC - 110A

Chaired by: Dr. Ian Stewart

**Transformative Adaptations to Social-Ecological Climate Change Trajectories (TranSECT)**

» [Dr. Ian Stewart](#)<sup>1</sup>, [Dr. Barret Kurylyk](#)<sup>2</sup>, [Dr. Sarah Stewart-Clark](#)<sup>3</sup>, [Prof. Lorn Sheehan](#)<sup>3</sup>, [Prof. Fanny Noisette](#)<sup>4</sup> (1. University of King's College, 2. Centre for Water Resources Studies, Dalhousie University, 3. Dalhousie University, 4. Institut des sciences de la mer)

10:30am **8D: Local Voices, Leadership, & Buy-in**

MCDH - 242

Chaired by: Quinn Howard

**EASTERN SHORE COASTAL MONITORING NETWORK: INTEGRATING CITIZEN SCIENCE AS A TOOL FOR RISK GOVERNANCE**

» [Dr. Camilo M. Botero](#)<sup>1</sup>, Mrs. Marian Lucas-Jefferies<sup>2</sup>, Prof. Ronald Pelot<sup>1</sup>, Prof. Floris Goerlandt<sup>1</sup> (1. Dalhousie University, 2. Anglican Diocese of Nova Scotia and Prince Edward Island)

**Local voices, marine choices: Reimagining participation of coastal communities in Marine Spatial Planning**

» [Mr. Daniel Martinez Calderon](#)<sup>1</sup>, Dr. Bertrum H. MacDonald<sup>1</sup>, Dr. Patricia Manuel<sup>1</sup> (1. Dalhousie University)

**Nature-Based Solutions on Private Lands: Using Fiscal Incentives to Build Resilient Shorelines**

» Ms. Sarah Primeau<sup>1</sup>, [Ms. Kelly Loch](#)<sup>1</sup> (1. Stewardship Centre for BC)



Continued from **Wednesday, 11 June**

10:30am **8E: Habitat and Species Resilience**  
*MCDH - 243*  
 Chaired by: Ms. Elizabeth George

**Assessing the plant and macroinvertebrate communities of a sandy barrier spit in northern New Brunswick restored using nature-based solutions**

» Ms. Emily Baker<sup>1</sup>, Dr. Danika Van Proosdij<sup>1</sup>, Dr. Jeremy Lundholm<sup>2</sup>, Dr. Jennifer Frail-Gauthier<sup>3</sup> (1. Saint Mary's University, 2. TransCoastal Adaptations Centre for Nature-Based Solutions, 3. Dalhousie University)

**Eelgrass monitoring across the St. Lawrence Maritime Estuary : how to harmonize and develop salient tools to empower stakeholders assessing coastal meadows ecological status**

» Mx. Marie-Pomme Poissant<sup>1</sup>, Mrs. Eve Tremblay Morel<sup>1</sup>, Mr. Félix Lauzon<sup>2</sup>, Mrs. Éléonore Dansereau-Macias<sup>2</sup>, Mr. Jonathan Pothier<sup>2</sup>, Mrs. Marie-Soleil Pétrin<sup>3</sup>, Mrs. Lysandre Bourgooin<sup>3</sup>, Mrs. Cynthia Thibault<sup>4</sup>, Mr. Manfred Desire Bonga Nyetem<sup>4</sup>, Prof. Fanny Noisette<sup>1</sup> (1. Institut des sciences de la mer, 2. Comité ZIP du Sud-de-l'Estuaire, 3. Comité ZIP de la Gaspésie, 4. Comité ZIP Côte-Nord du Golfe)

**The Impacts of Bluff Stabilization on Bank Swallows and a Habitat Compensation Solution on Lake Ontario**

» Ms. Jennifer Crilly<sup>1</sup>, Ms. Fiona Duckett<sup>1</sup> (1. Baird)

10:30am **8F (n/a)**  
*MCDH - 246*

10:30am **8G (n/a)**  
*PAC - 110S*

10:30am **8H: Regional Coastal Community Resilience (workshop)**  
*Bill and Denise Andrew Hall - 142*  
 Chaired by: Ms. Kelsea Walker

**Taking a Regional Approach: Systems-based Adaptation for Climate-Resilient Coastal Communities**

» Ms. Kelsea Walker<sup>1</sup>, Mr. Mujtaba Ali<sup>1</sup> (1. Natural Resources Canada)

12pm **Lunch**  
*Wanda Wyatt Dining Hall*

1pm **Closing Plenary**  
*Performing Arts Centre & Residence (PAC)*

3pm **Networking**  
*Performing Arts Centre & Residence (PAC)*

4:15pm **Women in Coastal Geoscience and Engineering (WICGE) Meetup**  
*Upstreet Craft Brewing*  
 Chaired by: Dr. Laura Szczyrba

**Thursday, 12 June**

8am **Lennox Island Community: Coastal Change, Climate & Culture**  
*Performing Arts Centre & Residence (PAC)*  
 Chaired by: krystal pyke

8am **Up East Bus Tour: Climate & Coastal Adaptation**  
*Performing Arts Centre & Residence (PAC)*  
 Chaired by: krystal pyke