

# Canadian Marine Shipping Risk Forum

Workshop Series: Towards a Framework Approach to Shipping Risk Management



## Workshop 3: Populating an Inventory of Marine Shipping Risk Resources

October 26, 2021 at 10:00 am PT / 1:00 pm ET / 2:00 pm AT (2 hours)

Register: <https://us02web.zoom.us/meeting/register/tZwpc-GurD8uH9OdK2mpf4aJ8ls0BEdanS-r>

**Objective:** Review draft inventory directory and populate by region

### AGENDA

#### Presentations

Time (PT / ET / AT)	Topic / Activity	Participant
9:55 / 12:55 / 13:55	Attendees welcome to join by clicking the Zoom Meeting link	Attendees
10:00 / 13:00 / 14:00 [5 minutes]	Welcome, workshop objectives and goals	Meghan Mathieson Clear Seas
10:05 / 13:05 / 14:05 [15 minutes]	Objectives of the CMSRF and proposed risk inventory	Paul Blomerus Clear Seas
10:20 / 13:20 / 14:20 [15 minutes]	Risk frameworks: examples and relevance for marine shipping	Floris Goerlandt Dalhousie University
10:35 / 13:35 / 14:35 [30 minutes]	Introducing the draft Risk Inventory Directory	Ron Pelot MEOPAR

#### Breakout Rooms – Small Group Discussions to Populate and Test Maritime Risk Inventory Directory

11:05 / 14:05 / 15:05 [40 minutes]	Attendees form small groups for breakout room discussions: 1. Arctic Region 2. Atlantic Region 3. Great Lakes / St. Lawrence Region 4. Pacific Region There will be a facilitator and scribe in each breakout room	Everyone
11:45 / 14:45 / 15:45 [10 minutes]	Return to the 'main room' (full group) for final thoughts and feedback on the workshop from presenters and participants	Everyone
11:55 / 14:55 / 15:55 [5 minutes]	Workshop conclusion and next steps	Meghan Mathieson Clear Seas

## SPEAKERS

### Meghan Mathieson – Moderator, Clear Seas Centre for Responsible Marine Shipping



Meghan Mathieson is the Director of Strategy & Innovation for Clear Seas Centre for Responsible Marine Shipping. Clear Seas' ongoing research efforts seek to provide a better understanding of the marine environment and support marine spatial planning efforts in Canada. Meghan is committed to sharing complex information in an accessible way and applying evidence to support better decision making. In the past five years with Clear Seas, she has had the opportunity to identify and work on a range of issues affecting commercial marine shipping in Canada, including vessel traffic patterns, drift rates, emergency towing, coastal sensitivity, air emissions, and alternative marine fuels. Her role includes convening and supporting the Canadian Marine Shipping Risk Forum. Meghan has a BA (English) and MBA from the University of British Columbia.

### Paul Blomerus, Clear Seas Centre for Responsible Marine Shipping



Paul Blomerus is Executive Director of Clear Seas Centre for Responsible Marine Shipping. He is an internationally-experienced researcher and leader in innovation with experience in industry as well as university research management. As Senior Advisor, Research and Industry Partnerships with the University of British Columbia (UBC), he developed two successful research clusters focused on clean energy and marine systems. Dr. Blomerus also built up a successful independent consulting practice specializing in clean energy and policy deployment helping government agencies understand the impact of technology on the transportation sector. He is a published author on a range of marine shipping and transportation issues. His industry experience includes leadership roles in supply chain, intellectual property and customer relationship management for Rolls-Royce Aerospace. Dr. Blomerus holds a PhD in Engineering Science from the University of Oxford and a Mechanical Engineering degree from the University of Cape Town.

### Floris Goerlandt, Dalhousie University



Floris Goerlandt is an assistant professor at the Department of Industrial Engineering at Dalhousie University. He is also the Canada Research Chair in Risk Management and Resource Optimization for Marine Industries. He obtained an MSc. degree in Maritime Sciences from the University of Antwerp (Antwerp, Belgium) in 2006, an MSc. degree in Marine Technology from Ghent University (Ghent, Belgium) in 2005, and a PhD degree in Maritime Risk and Safety in 2015 from Aalto University (Espoo, Finland). He additionally has industrial experience with safety services in the maritime industry and regulatory experience at the Baltic Marine Environment Protection Commission (HELCOM), where he contributed to developing a guideline for oil spill pollution preparedness and response risk management for European response authorities. His expertise is in risk analysis and management, safety engineering and management, maritime transportation, modelling and optimization of transportation systems, and emergency/disaster planning and response. He has published about 60 co-authored journal articles, 40 conference papers, numerous reports, and recently co-edited book on Arctic shipping. He is editorial board member of Safety Science and received the 2020 Dalhousie University President's Research Excellence Awards for Emerging Investigators in recognition of his achievements.

### Ron Pelot, MEOPAR / Dalhousie University



Ronald Pelot is a Professor in the Department of Industrial Engineering at Dalhousie University and the Associate Scientific Director of the MEOPAR (Marine Environmental Observation, Prediction and Response) Network of Centres of Excellence, headquartered at Dalhousie. He co-leads the Maritime Risk And Safety Research group (MARS) at Dal (formerly MARIN, founded in 1997). Over the past three decades, he and his team have developed new software tools and analysis methods applied to maritime traffic safety (accidents), coastal zone security, and marine spills. Research methods encompass spatial risk analysis, vessel traffic modelling, data processing and pattern analysis, location models for response resource allocation, safety analyses, and cumulative shipping impacts studies. Dr. Pelot has published over 50 journal articles and produced more than 100 technical reports.