Canadian Marine Shipping Risk Forum

Workshop Series: Towards a Framework Approach to Shipping Risk Management

Workshop 1: Creating an Inventory of Marine Shipping Risk Resources

December 3, 2020 at 9:30 am PT / 12:30 pm ET / 1:30 pm AT / 2:00 pm NL (2 hours)

AGENDA

Presentations		
Time (PT / ET / AT)	**Topic / Activity**	**Participant**
9:25 / 12:25 / 13:25	Attendees welcome to join by clicking the Zoom Meeting link	Attendees
9:30 / 12:30 / 13:30	Welcome, workshop objectives and goals	Jennifer Steele, Clear Seas
9:33 / 12:33 / 13:33	CMSRF objectives and examples of risk research at Clear Seas	Paul Blomerus, Clear Seas
9:44 / 12:44 / 13:44	The Oceans Protection Plan and managing shipping risk	Michael Wallace, Transport Canada
9:55 / 12:55 / 13:55	Examples of shipping risk research in Canadian Universities	Ron Pelot, MEOPAR
10:06 / 13:06 / 14:06	Risk frameworks: examples and relevance for marine shipping	Floris Goerlandt, Dalhousie University
Breakout Rooms – Small Group Discussions on Frameworks and Resources for Maritime Risk		
10:20 / 13:20 / 14:20	Attendees form small groups for breakout room discussions. There will be a scribe and discussion facilitator in every breakout room.	Everyone
11:10 / 14:10 / 15:10	Return to the 'main room' (full group) for final thoughts on the workshop from presenters and participants.	Everyone
11:25 / 14:25 / 15:25	Workshop conclusion and next steps	Jennifer Steele, Clear Seas

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SPEAKERS

Jennifer Steele – Moderator, Clear Seas Centre for Responsible Marine Shipping

Jennifer is the Manager of Research & Knowledge Mobilization of Clear Seas Centre for Responsible Marine Shipping. She is an experienced environmental and sustainability planner with a multi-disciplinary career experience in the public and private sectors. After obtaining a B.Sc. in Chemistry from the University of British Columbia, Jennifer started her career as a research scientist in Vancouver's biotech industry. From there, her passion for the outdoors and our oceans in particular led her to complete a Master of Marine Management at Dalhousie University. In her work as an environmental consultant, Jennifer has provided strategic planning and facilitation support to collaborative multi-stakeholder processes balancing environmental, economic, social and cultural values. Jennifer has been involved in projects relating to port infrastructure development, coastal contaminated site remediation and marine risk assessments. She has also worked for DFO's Ocean's Program on Marine Protected Area planning in the Pacific Region.

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.

Michael Wallace, Transport Canada

Transports Canada Transport Canada

Michael is a native of Ottawa, Ontario, where he currently works as a policy analyst for Transport Canada. He has worked at Transport Canada since 2009, primarily on files related to marine safety and environmental protection. He has also worked on a number of risk assessment projects while with Transport Canada including the Pan-Canadian Risk Assessment that was completed to support the world-class tanker safety system initiative and the Area Risk Assessment project from 2014 to 2017. Michael currently works on implementing a number of initiatives supporting Canada's Oceans Protection Plan.

Ron Pelot, MEOPAR

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.

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.