

APP4SEA

Twitter conference – Challenges of the Arctic oil spill response #APP4SEA2020

Thursday 16th of April, starting at 12.00 Finnish time/11.00 CET/10.00 UK/9.00 ICE

Programme

Session 1. What happens in the Arctic? Increasing risks and preparedness to meet these challenges (12.00-13.00 Finnish time/11.00-12.00 CET/10.00-11.00 UK/9.00-10.00 Iceland)

Keynote: Recent trends in Arctic shipping – Hjalti Hreinsson, The Protection of the Arctic Marine Environment Working Group (PAME) of Arctic Council [@PAMESecretariat](#)

1) Arctic oil spill response methods and technologies – Kirsten S. Jørgensen, Finnish Environment Institute [@KirstenJorgens](#)

2a) Simulators for improving cross-border oil spill response in extreme conditions – Tarja Javanainen, Kotka Maritime Research Centre, SIMREC project [@TarjaJavanainen](#)

3) Recommendations and some shortcomings found for oil spill response methods for the NPA region – Jorma Rytönen, Finnish Environment Institute [@JormaRytönen](#)

Session 2. “Blowin’ in the wind?” – OSR in Arctic and icy conditions (13.00-14.00 Finnish time/12.00-13.00 CET/11.00-12.00 UK/10.00-11.00 Iceland)

Keynote: Viability of the OSR Methods in the Arctic Marine Environment – Peter Holst-Andersen, Emergency Prevention, Preparedness and Response (EPPR) Working Group of Arctic Council [@EPPR_Artic](#)

1) Drift models – oceanographic and weather data & oil spill models – Lars R. Hole, Norwegian Meteorological Institute [@gullarz](#)

2) Case Northguider – OSR in practice in the high north – Trond Hjort-Larsen, Norwegian Coastal Authority [@thlkyv](#)

3) Ice coverage and winter navigation in the Baltic Sea - challenges for maritime operations – Niko Tollman, Finnish Meteorological Institute, Ice Service [@fi_iceservice](#)

Break, 30 minutes (14.00-14.30 Finnish time/13.00-13.30 CET/12.00-12.30 UK/11.00-11.30 Iceland)

Session 3. If the risks materialise – ecological impacts of potential oil spills in the Arctic (14.30-15.30 Finnish time/13.30-14.30 CET/12.30-13.30 UK/ 11.30-12.30 Iceland)

Keynote: Oil spills in the Arctic – what’s at stake – Jan Dusik & Mark Brooks, WWF Arctic & WWF Canada [@WWF_Artic](#)

1) Sea Alarm and Arctic Oiled Wildlife response: Strategies and Challenges – Hugo Nijkamp, Sea Alarm Foundation [🐦 @APP4SEA_NPA](#) (on behalf of Sea Alarm Foundation)

2) Methods for assessing seabirds' vulnerability to oil at sea – Alex Bond, Natural History Museum & Environmental Research Institute, University of Highlands and Islands [🐦 @TheLabAndField](#)

3) Assessing seabird hotspots and risk to oil pollution – Nina O'Hanlon, Environmental Research Institute, University of Highlands and Islands [🐦 @Nina_OHanlon](#)

Session 4. APP4SEA smart map – tools to understand the potential risks of oil spills in the Arctic (15.30-16.30 Finnish time/14.30-15.30 CET/13.30-14.30 UK time/12.30-13.30 Iceland)

Keynote: The Northern Periphery and Arctic Programme: How can transnational cooperation support solutions for Arctic challenges? – Christopher Parker, NPA secretariat [🐦 @NPA2014_2020](#)

1) Oil industry, transport and response section of the APP4SEA map – Niko Hänninen, University of Oulu [🐦 @APP4SEA_NPA](#)

2) Climate, ocean and weather section of the APP4SEA map – Lars R. Hole, Norwegian Meteorological Institute [🐦 @gullarz](#)

3) Ecological zones section of the APP4SEA map – Neil James, Environmental Research Unit, University of Highlands and Islands [🐦 @DrNeilJames](#)

The moderator account of the conference is [@APP4SEA_NPA](#), either follow it or follow [#APP4SEA2020](#) in Twitter