

The 2017 International Conference on Arctic Science: Bringing Knowledge to Action

April 24-27, Reston, Virginia, USA



<http://www.amap.no/external/2017-International-Conference-on-Arctic-Science/>

Conference Objective

The 2017 International Conference on Arctic Science: Brining Knowledge to Action will: Bring together diverse expert communities ranging from scientists to decision-makers in order to identify, explore and create mechanisms and venues where science and knowledge can inform the development of policies and decision-making.

The Conference will provide a venue for dialogue, discussions and networking. It will creatively promote timely and effective response to the increasingly clear need to translate science to knowledge and the subsequent transformation of this and other forms of knowledge into actions. It is these actions that support and enhance all forms of decision-making and public policy at all relevant scales providing the foundation for successful adaptation and ultimately sustainability of natural and human resources.

The Conference builds off of a wide range of existing work in the Arctic in addition to numerous new scientific reports including:

Adaptation Actions for a Changing Arctic (AACCA)

Snow, Water, Ice and Permafrost in the Arctic (SWIPA)

Contaminants of Emerging Arctic Concern (CEAC)

Economy of the North 2015 (ECONOR)

State of the Arctic Marine Biodiversity Assessment Report (SAMBR)

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- Session 1.1 - Opening Session
- Session 1.2 - Highlights of Recent Arctic Council Working Group Assessments
 - SWIPA 2017 Synthesis: The Immediacy of Arctic Change
 - Adaptation Actions for a Changing Arctic (AACCA)
 - Marine biodiversity (SAMBR)
 - AMAP Assessment 2015: Radioactivity in the Arctic
- Session 1.3 -
Overview of Major AMAP Assessments and Reports Translating Science to Knowledge
 - POPs Trends and Contaminants of Emerging Arctic Concern
 - Human Health
 - ECONOR
- Session 1.4 – Breakouts Thematic Technical Talks
 - 1.4.A - Pollution 1 Short-Lived Climate Forcers / Air Pollution
 - 1.4.B - Climate 1 Sea Ice
 - 1.4.C - Human Health
 - 1.4.D - Pollution 2 Organic Contaminants
 - 1.4.E - Protection of the Arctic Marine Environment (PAME): Conservation and Sustainable Use

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- Session 2.1 – Breakouts Thematic Technical Talks
 - 2.1.A - Pollution 3 Organic Contaminants
 - 2.1.B - Climate 2 Permafrost, Soil, Snow Cover, Land Ice
 - 2.1.C - Conservation of Arctic Flora and Fauna / Circumpolar Biodiversity Monitoring Program
 - 2.1.D - Natural Hazards Special Session
 - 2.1.E - Emergency Prevention, Preparedness, and Response (EPPR)
Arctic Oil Spill Response Research and Technology Workshop

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- **Session 2.2 – Breakouts Thematic Technical Talks**
 - 2.2.A - Pollution 4 Mercury & Marine Contaminants
 - 2.2.B - Climate 3 General Climate Change
 - 2.2.C - Marine Ecosystems
 - 2.2.D - Marine Risk Management
 - 2.2.E - EPPR Arctic Oil Spill Response Research and Technology (continued)
- **Session 2.3 – Breakouts Regionally Focused Technical Talks**
 - 2.3.A - Iceland-Barents Region
 - 2.3.B - Canadian Archipelago-Greenland Region
 - 2.3.C - Eastern Siberia - Beaufort Region
 - 2.3.D - Arctic Resilience
 - 2.3.E - EPPR Arctic Oil Spill Response Research and Technology : Response Optimization
- **Session 2.4 – Breakouts Regionally Focused Panel Discussions**
 - 2.4.A - Panel - Iceland-Barents Region
 - 2.4.B - Panel - Canadian Archipelago-Greenland Region
 - 2.4.C - Panel - Eastern Siberia - Beaufort Region
 - 2.4.D - Arctic Policy Special Session
 - 2.4.E - EPPR Arctic Oil Spill Response Research and Technology : Response Optimization

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- **Session 3.1 – Breakouts: Bringing Knowledge to Action**
 - 3.1.A - Knowledge to Action 1 – Community Engagement
 - 3.1.B - Knowledge to Action 2 – Implementing Actions
 - 3.1.C - Knowledge to Action 3 – Education and Outreach
 - 3.1.D - Knowledge to Action 4 - Non-Arctic Country Perspectives
 - 3.1.E - Arctic Contaminant Action Program (ACAP)
- **Session 3.2 – Plenary: Knowledge to Action Panel**
- **Closing**