



Ympäristöministeriö  
Miljöministeriet  
Ministry of the Environment

# Environmental Science in the Arctic Context

10 OCTOBER 2017 | HELSINKI | FINLAND



**Environmental protection** is at the core of the work of the Arctic Council and it is also one of Finland's priorities during the two year Arctic Council Chairmanship. The Working Groups of the Arctic Council play an essential role in compiling science-based information on the changing Arctic environment. Several scientific institutions produce high quality Arctic research and data and contribute to Arctic Council. This seminar invites you to learn more about the work carried out by the Arctic Council and about the interlinkages to Arctic science carried out by other institutions. We would also like to present the good cooperation and exchange of information with the Arctic Council Observer countries with particular focus on France and Germany as co-organizers of this event.

# Program

## 08:30–08:50 Registration

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Please arrive well in advance before the start time and **please note that you will need an official identification with photo to access the building (e.g. passport or identity card)**

## 09:00–09:30 Opening

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Minister of the Housing, Energy and the Environment **Kimmo Tiilikainen (tbc)**

Chair of the Arctic Council Senior Arctic Officials Ambassador **Aleksi Härkönen**

**Laurent Mayet**, Special Advisor of the French Ambassador for Polar Affairs and Coordinator of the implementation of the national roadmap on the Arctic

Ambassador of the Federal Republic of Germany **Detlef Lingemann**

## 09:30–10:45 Protection of Arctic flora and fauna and sustainable use of renewable and natural resources

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### **Introduction to biodiversity assessment activities of the Arctic Council**

Aulikki Alanen, Finland's representative in the Arctic Council Working Group Conservation of Arctic Flora and Fauna

### **Arctic biodiversity and science**

Jérôme Fort, CNRS (French National Center for Research)

Atte Korhola, University of Helsinki

Arne Riedel, Ecologic Institute, Germany

Moderated by Volker Rachold, German Arctic Office

## 10:45–11:00 Coffee break

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## 11:00–12:45 Monitoring Arctic environment, climate change and harmful substances and assessing their impacts

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### **Introduction to Arctic Monitoring and Assessment Programme, its scientific work, outcomes and future priorities**

Marianne Kroglund, Chair, Arctic Council Working Group Arctic Monitoring and Assessment Programme (AMAP)

### **Arctic Monitoring and Assessment Programme (AMAP) and global cooperation – Climate change and Short-lived climate pollutants**

Kaarle Kupiainen, Finnish Environment Institute (SYKE)

### **AMAP and regional cooperation – Adaptation Actions to a Changing Arctic in the Barents region**

Monica Tennberg, University of Lapland, Arctic Centre

### **Arctic climate change research: the role of inter-governmental collaboration.**

Timo Vihma, Research Professor, Finnish Meteorological Institute

### **Overview of related activities**

Andreas Herber, Alfred Wegener Institute, Helmholtz Center for Polar and Marine Research

Kathy LAW, LATMOS/CNRS - Paris

Moderated by Outi Mähönen, Finland's representative in the Arctic Council Working Group AMAP

## 12:45–13:45 Lunch will be served

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## 13:45–15:00 Impacts of increasing human activities and protecting the Arctic marine environment

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### **Introduction**

Anita Mäkinen, Co-Chair, Arctic Council Task Force on Arctic Marine Cooperation (TFAMC), (tbc)

### **Overview of related activities**

Dieter Piepenburg, Alfred Wegener Institute, Helmholtz Center for Polar and Marine Research

Sébastien Gadal, PAME representative, France

Hermann Kaartokallio, Finnish Environment Institute

Moderated by Marie-Noëlle Houssais, Paris 6 University

## 15:00–15:15 Coffee Break

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## 15:15–16:30 From environmental science to action in the Arctic

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### **Arctic Council Scientific Cooperation Agreement and its possibilities**

Paavo-Petri Ahonen, Finnish Ministry of Education and Culture

Response by Volker Rachold from an Arctic Council observer point of view

### **Indigenous and local knowledge**

Liisa Holmberg, Sámi Education Institute

### **Overview of activities related to "From environmental science to action"**

Henna Haapala, Finland's representative in the Arctic Council Working Group Arctic

Contamination Action Programme (ACAP)

Christian Lindemann, German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

Marie-Noëlle HOUSSAIS

Moderated by Paula Kankaanpää, Finnish Environment Institute