



## 2016 ARCTIC CIRCLE ASSEMBLY PROGRAM

### THURSDAY, OCTOBER 6

10:00 – 20:00 REGISTRATION

Location: Harpa

09:00 – 12:00 PRE-EVENT – 2<sup>nd</sup> ANNUAL AMBASSADORIAL PANEL ON THE ARCTIC HIGH SEAS

Location: Reykjavík University, Nauthólsvík, Room V102

Organized by Pan-Arctic Options and Reykjavik University

#### OPENING

Lilja Dögg Alfreðsdóttir, *Minister for Foreign Affairs of the Republic of Iceland*

Ólafur Ragnar Grímsson, *Chairman Arctic Circle*

#### PANELISTS

Ari Kristinn Jónsson, *Rector, Reykjavik University*

Jóhann Sigurjónsson, *Special Envoy on Ocean Affairs, Ministry for Foreign Affairs of Iceland*

Robert Cushman Barber, *Ambassador of the United States of America to the Republic of Iceland*

Paul Arthur Berkman, *Professor of Practice in Science Diplomacy, Tufts University; Director, Arctic Futures Initiative, International Institute for*

*Applied Systems Analyses*

*Herbert Beck, Ambassador of the Federal Republic of Germany to the Republic of Iceland*

*Hannu Halinen, Former Ambassador of the Republic of Finland to the Arctic*

*Bosse Hedberg, Ambassador of the Kingdom of Sweden to the Republic of Iceland*

*Cecilie Landsverk, Ambassador of the Kingdom of Norway to the Republic of Iceland*

*Laurent Mayet, Deputy Ambassador for the Polar Regions, Republic of France*

*Michael Nevin, Ambassador of the United Kingdom to the Republic of Iceland*

*Bob Paquin, Head of Canadian International Arctic Centre*

*Anton Vasiliev, Ambassador of the Russian Federation to the Republic of Iceland*

*Weidong Zhang, Ambassador of the People's Republic of China to the Republic of Iceland*

*MODERATOR: Pórdís Ingadóttir, Professor in International Law, Reykjavík University*

**10:00 – 14:00 ARCTIC CIRCLE ADVISORY BOARD MEETING**

**16:30 – 18:00 GAME NIGHT: ARCTIC CHOICES! A SUSTAINABLE DEVELOPMENT SIMULATION**

*Location: Esja, Harpa Fifth Level*

*Organized by the WWF Arctic Programme, Guggenheim Partners and the Natural Capital Project*

**18:00 – 19:30 WELCOME RECEPTION**

*Location: Reykjavík Art Museum, in the Harbour House (Hafnarhúsið)*

*Sponsored by Icelandair Group*

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# FRIDAY, OCTOBER 7 – PLENARY SESSIONS

Location: Silfurberg, Harpa Second Level

07:30 – 17:00 REGISTRATION

08:00 – 09:00 COFFEE SOCIAL

09:00 – 10:30 OPENING SESSION

● WELCOME

Ólafur Ragnar Grímsson, *Chairman Arctic Circle, President of Iceland 1996–2016*

● SPEECHES

Admiral Robert Papp, *Special Representative of U.S. Secretary of State John Kerry for the Arctic*

Timo Soini, *Minister for Foreign Affairs of the Republic of Finland*

The Honourable Philippe Couillard, *Premier of Québec*

Lilja Dögg Alfreðsdóttir, *Minister for Foreign Affairs of the Republic of Iceland*

Gao Feng, *Special Representative for Climate Change Negotiations of the Foreign Ministry of China*

Laurent Mayet, *Deputy Ambassador to the Polar Regions, Republic of France*

José Graziano da Silva, *Director-General, Food and Agriculture Organization of the United Nations (video message)*

CO-CHAIRS

Alice Rogoff, *Publisher, Alaska Dispatch News*

Frederik Paulsen, *Founding Member, Swiss Polar Institute, Lausanne*

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10:30 – 10:45 COFFEE BREAK

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10:45 – 11:15 SCOTLAND AND THE ARCTIC

● KEYNOTE

Nicola Sturgeon, *First Minister of Scotland*

Chair: Ólafur Ragnar Grímsson, *Chairman Arctic Circle*

## 11:15 – 12:15 SWITZERLAND COUNTRY SESSION

*Organized by the Swiss Federal Department of Foreign Affairs.*

● **OPENING:** *Olga Letykai, traditional Chukchi singer and dancer*

● **KEYNOTE**

*Yves Rossier, Secretary of State of the Federal Department of Foreign Affairs*

● **VISUAL DISPLAY:** *Sila: Witnessing Rapid Changes in the Arctic*

● **PANEL**

*Passion for the Arctic through Research and Science Cooperation*

*Konrad Steffen, Director of the Swiss Federal Institute for Forest, Snow and Landscape Research*

*Frederik Paulsen, Founding Member, Swiss Polar Institute, Lausanne*

*Tiana Angelina Moser, Swiss National Councillor*

*Matthias Finger, Professor, Ecole Polytechnique Fédérale Lausanne (EPFL); Co-Director of the GlobalArctic project, Lausanne*

**MODERATOR/CHAIR:**

*Stefan Flückiger, Ambassador, Head of the Sectoral Foreign Policies Division of the Directorate of Political Affairs of Switzerland*

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## 12:15 – 13:00 NETWORKING LUNCH

*Hosted by the Icelandic seafood company HB Grandi*

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## 12:15 – 13:00 OPENING OF THE EXHIBITION "SWISS CAMP"

*Created by Daehlerconcept, Büro Haeberli, Raumprodukt, Petit Grégoire Videolabor, Zurich/Switzerland*

*Curated by Ulrike Kastrup, focusTerra, Zurich/Switzerland*

**Location:** Harpa Second Level, behind Harpa Corner

*In the presence of Yves Rossier, State Secretary for Foreign Affairs, Switzerland*

*Come visit the Swiss Camp and learn about Swiss research and cooperation with partners in the Arctic*

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### 13:00 – 13:45 ARCTIC SCIENCE IN THE NEW COMMUNICATION CLIMATE

- Andrew Revkin, *New York Times* columnist, *Dot Earth* global blog; Senior Fellow for Environmental Understanding, Pace University
- Daniel P. Schrag, Director, Center for the Environment and the Science, Technology and Public Policy Program, Harvard University; Member of the United States President's Council of Advisors on Science and Technology (PCAST)

#### DIALOGUE

Moderator: Cristine Russell, Senior Fellow, Environment and Natural Resources Program, Harvard Kennedy School; former National Science Reporter for the *Washington Post*

### 13:45 – 14:05 CLOSING THE ARCTIC COMMUNICATION GAP

*Organized by Iridium*

#### SPEAKER

Bryan J. Hartin, Executive Vice President, Iridium

Chair: Alexander Borodin, International Marketing Strategist, MG3, Ltd

### 14:05 – 14:15 FACES OF THE NORTH

- Ragnar Axelsson, *Photographer*

Chair: Sigríður Huld Blöndal, Director, Arctic Circle

### 14:15 – 15:00 AN ECONOMIC GROWTH AREA IN THE ARCTIC: YAMAL-NENETS AUTONOMOUS DISTRICT, RUSSIA

#### SPEAKER

Dmitry Kobylkin, Governor of Yamal-Nenets Autonomous District

Moderator: Anton Vasiliev, Ambassador Extraordinary and Plenipotentiary of the Russian Federation to the Republic of Iceland

#### DIALOGUE

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15:00 – 15:30 COFFEE BREAK

*Opening of the exhibit “Prospect North”  
Created by Lateral North, Dualchas Architects and Soluis  
Curated by Architecture & Design Scotland + partners  
**Location:** Norðurbryggja, Harpa First Level*

**OPENING:** Nicola Sturgeon, *First Minister of Scotland*

*Explore how architecture, design and technology can transform community engagement in the Arctic through 3D models and augmented/virtual reality.*

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15:30 – 17:00 BREAKOUT SESSIONS

17:00 – 18:30 BREAKOUT SESSIONS

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18:30 – 20:00 RECEPTION HOSTED BY H.E. LILJA DÖGG ALFREÐSDÓTTIR, THE MINISTER FOR FOREIGN AFFAIRS OF ICELAND

**Location:** Norðurljós, Harpa Second Level

*Open to all registered Assembly attendees.*

## FRIDAY, OCTOBER 7 – BREAKOUT SESSIONS

15:30 – 17:00 ARCTIC INDIGENOUS PEOPLES:

### BUSINESS AND ECONOMIC DEVELOPMENT IN THE REGION

*Organized by the University of Northern British Columbia*

**Location:** Háaloft, Harpa Eighth Level

#### SPEAKERS

Dalee Sambo Dorough, Associate Professor, University of Alaska, Iñupiat Lawyer and Member of the UN Permanent Forum on Indigenous Issues: The Arctic Investment Protocol – an Indigenous Perspective and Commentary.

Natalia Loukacheva, Canada Research Chair in Aboriginal Governance and Law, University of Northern British Columbia: Arctic Indigenous Peoples' Rights and Business Prospects.

Anders Oskal, Director, International Centre for Reindeer Husbandry, Kautokeino, Norway: Saami Reindeer herding Perspectives on Business Opportunities in the Changing Arctic.

“The Legal Regulation of the Russian Indigenous Peoples' Entrepreneurship”

- Konstantin Zaikov, Head of the Arctic Center for Strategic Studies, Northern-Arctic Federal University, Arkhangelsk, Russian Federation
- Maksim Zadorin, Assistant Professor, Northern-Arctic Federal University, Arkhangelsk, Russian Federation
- Tatjana Troshina, Professor, Northern-Arctic Federal University, Arkhangelsk, Russian Federation

15:30 – 17:00 THE ARCTIC: INVESTMENT POTENTIAL OR SANCTUARY

*Organized by Arctic Working Group of the Danish Parliament*

*Location:* Skarðsheiði, Harpa Third Level

#### SPEAKERS

Sjúrður Skaale, Member of the Danish Parliament from the Faroe Islands, Chair of the Arctic Working Group in the Danish Parliament: The Faroes as a Service Hub.

Aaja Chemnitz Larsen, Member of the Danish Parliament from Greenland: Sustainable Arctic Development: The Human Dimension.

Magni Arge, Member Danish Parliament from the Faroe Islands: Fighting for Prosperity in the Arctic

Aleqa Hammond, Member of the Danish Parliament from Greenland: Investment and Criteria, the Inuit Perspective.

*Presentations will be followed by a networking reception with North Atlantic*

*refreshments.*

**15:30 – 17:00 FRENCH RESEARCH AND THE ARCTIC: TOWARDS A SUSTAINABLE ARCTIC**

*Organized by the Ministry of Foreign Affairs and International Development of France*

**Location:** Hafnarkot, Harpa First Level

**SPEAKERS**

Johan Etourneau, Scientific Officer, French National Center for Scientific Research (CNRS)

Kathy Law, Research Director, CNRS/LATMOS

Jean-Dominique Wahiche, Professor, Musée National d'Histoire Naturelle, France

Moderator: Laurent Mayet, French Deputy Ambassador to the Polar Regions

**15:30 – 17:00 IMPACTS OF CLIMATE CHANGE ON ECOSYSTEMS, ECONOMIES, AND NORTHERN COMMUNITIES: DIALOGUE BETWEEN SCIENTIFIC AND TRADITIONAL KNOWLEDGE**

*Organized by the Institut nordique du Québec and the Gouvernement du Québec*

**Location:** Silfurberg B, Harpa Second Level

**OPENING**

The Honourable Philippe Couillard, *Premier of Québec*

**INTRODUCTION**

Maryse Lassonde, Scientific Director of the Québec Nature and Technology Research Fund



## SPEAKERS

Alain Bourque, Executive Director, Ouranos: Development Perspectives in a Climate Change Context.

“Which adaptation measures are unavoidable in response to climate change in the North and how can we best plan them?”

- Louis Fortier, Scientific Director of ArcticNet, Université Laval, Québec
- Adamie Delisle-Alaku, Vice-president, Renewable Resources, Makivik Corporation, Québec
- Ari Kristinn Jónsson, Rector, Reykjavik University
- Finn Danielsen, Director, Nordic Council of Ministers project “Nordic Resource Management”

Paul Shrivastava, Executive Director, Future Earth: Challenges for the future global international scientific community and the fight against climate change.

## MODERATORS

Maryse Lassonde, Scientific Director of the Québec Nature and Technology Research Fund

Christos Sirros, Agent-General, Québec Government Office in London

Yves Bégin, Vice-rector, Research and Academic Affairs, Institut national de la recherche scientifique, Québec

## 15:30 – 17:00 INNOVATION AND COOPERATION FOR A SAFER ARCTIC

*Organized by the World Meteorological Organization*

**Location:** Kaldalón, Harpa First Level

## OPENING:

Ólafur Ragnar Grímsson, Chairman Arctic Circle

## SPEAKERS

Elena Manaenkova, Deputy Secretary General, WMO

Alexander Frolov, Director, RosHydroMet Mark Doherty, Head of ESA/EO Exploitation Development Division, European Space Agency

Mark Doherty, Head of ESA/EO Exploitation Development Division, European Space Agency

Andrea Tilche, Head of Unit European Commission; DG Research & Innovation

Michael Kingston, Maritime Lawyer of the Year 2015, Insurance Marine Trade & Energy

Moderator: Lucy Hockings, Presenter, BBC World News

15:30 – 17:00 PROSPECT NORTH: HOW CAN DESIGN AND TECHNOLOGY TRANSFORM COMMUNITY ENGAGEMENT ACROSS THE HIGH NORTH?

*Organized by the Scottish Government, Lateral North and Soluis Group*

**Location:** Ríma A, Harpa First Level

SPEAKERS

Graham Hogg, Director, Lateral North

Tom Smith, Director, Lateral North

Fergus Bruce, Strategic Communications Manager, Soluis Group

Chair: Ian Gilzean, Chief Architect in Scotland, Scottish Government

15:30 – 17:00 AT THE CENTER OF PERIPHERY: CLIMATE DISPLACEMENT, IMMIGRATION AND ARTISTS OF SOCIAL ACTION

*Organized by the Anchorage Museum*

**Location:** Eyri, Harpa Second Level

SPEAKERS

Ronald Broglio, Associate Professor, Arizona State University

Marek Ranis, artist

Mara Kimmel, Senior Fellow, Institute of the North, Alaska

Bryndís Snæbjörnsdóttir and Mark Wilson, artists

Robert Templer, Professor of Practice and Director of the Center for Conflict, Negotiation and Recovery at Central European University

Chair: Julie Decker, Director, CEO, Anchorage Museum

15:30 – 17:00 ARCTIC ECONOMIC AND BUSINESS DEVELOPMENT

*Organized by the Arctic Economic Council and the Icelandic-Arctic Chamber of Commerce*

**Location:** Akrafjall, Harpa Fourth Level

SPEAKERS

Ragnheidur Elin Arnadóttir, Minister of Industry and Commerce, Iceland

Tara Sweeney, Executive Vice President of External Affairs, Arctic Slope Regional Corporation; Chair of the Arctic Economic Council

Tero Vauraste, President and Chief Executive Officer, Arctia Ltd; Co Vice-Chair of the Arctic Economic Council

Mead Treadwell, former Lieutenant Governor of Alaska; President, Pt Capital  
Ingvar Eyfjörð, Member of the Board, IACC

15:30 – 17:00 ARCTIC INNOVATION LAB: 12 IDEAS FOR A BETTER ARCTIC

*Organized by the Harvard Kennedy School of Government in collaboration with the Iceland School of Energy at Reykjavík University, the University of Greenland, the Fletcher School of Law and Diplomacy at Tufts University and the University of Iceland*

**Location:** Norðurljós, Harpa Second Level

**SPEAKERS**

*Cole Wheeler, M.P.P. Student, Harvard Kennedy School of Government: Carbon-Negative Manufacturing.*

*Caroline Galvan, M.P.A. Student, Harvard Kennedy School of Government: Global Risks, Building Resilience: A Pathway for the Arctic.*

*Ulunnguaq Markussen, Student, University of Greenland: Who is a Greenlander Without the Traditional Culture?*

*Jennifer Helfrich, Roy Family Student Fellow, M.P.P. Student, Harvard Kennedy School of Government: Creating a Narrative: Communicating Arctic Issues.*

*Shauna Theel, M.P.P. Student, Harvard Kennedy School of Government: Electric Car Shares in Iceland: An Opportunity for Early Adoption.*

*Rahul Srinivasan, M.P.P. Student, Harvard Kennedy School of Government: Exporting Renewable Energy from the Arctic.*

*Alexander Moses, Graduate Student, Iceland School of Energy, Reykjavík University: Tackling Logistics, Environment and Sustainability in Arctic Community Energy Systems.*

*Earl Potter, M.P.A. Candidate, Harvard Kennedy School of Government: The Coast Guard and the Emerging Arctic.*

*Riley S. Newman, MSc Candidate, Iceland School of Energy, Reykjavík University: Addressing the Importance of Building Human Capacity in Remote Communities to Ensure the Sustainability of Remote Energy Networks.*

*David Cook, PhD Candidate, Lecturer in Environmental Economics; University of Iceland: Managing risk in the High North - the case for an Arctic Treaty*

*Molly Douglas, M.A.L.D. Student, the Fletcher School of Law and Diplomacy at Tufts University: A Partnership for Advancing Sustainable Infrastructure Development in the Arctic.*

*Dennis Schroeder, MPA Student, Harvard Kennedy School of Government: Creating Common Grounds - Science Diplomacy in the Arctic.*

*Moderator: Halla Hrund Logadóttir, Louis Bacon Environmental Fellow at the Harvard Kennedy School*

15:30 – 17:00 ESSENTIAL SCIENCE FOR INFORMED DECISION-MAKING IN THE CHANGING ARCTIC

Organized by the Icelandic Centre for Research (RANNÍS), the International Arctic Science Committee (IASC), and the Arctic Research Consortium of the United States (ARCUS)

**Location:** Ríma B, Harpa First Level

SPEAKERS

Julienne Stroeve, Professor at University of College London; Senior Scientist, National Snow and Ice Data Center (NSIDC): The Arctic's Changing Sea Ice.

Margareta Johansson, Executive Secretary, INTERACT; Researcher, Lund University: The Arctic's Changing Terrestrial Cryosphere.

Thomas Spengler, Professor of Meteorology, University of Bergen: The Arctic's Role in Changing Global Climate and Weather.

Chair: Andrew Revkin, *New York Times* columnist, *Dot Earth* global blog; Senior Fellow for Environmental Understanding, Pace University

15:30 – 17:00 ARCTIC SECURITY: THEORIZING / THEMATIZING ARCTIC SECURITY – A SHIFT FROM MILITARY VACUUM TO GLOBAL MILITARY BALANCE, AND FROM UNILATERAL NATIONAL (MILITARY) SECURITY TO COMPREHENSIVE (ENVIRONMENTAL) SECURITY

Organized by the Thematic Network on Geopolitics and Security

**Location:** Silfurberg A, Harpa Second Level

SPEAKERS

Lassi Heininen, Professor, University of Lapland: (Re)Conceptualizing Security Nexus of the 'Global' Arctic – the Environment Matters

Andrian Vlahov, PhD Candidate, Research Fellow, European University at St. Petersburg: The 2014–2016 Refugee Flows in the Russian Arctic: How the Global Impacts the Local

Alexander Sergunin, Professor, Saint Petersburg State University: Thinking the Unthinkable: the Prospects for Arms Control and CBSM Regimes in the Arctic

“Contemporary Arctic Meets Global Politics: Rethinking Arctic Exceptionalism in the Age of Growing Uncertainty”:

- Juha Käpylä, Senior Research Fellow, The Finnish Institute of International Affairs
- Harri Mikkola, Senior Research Fellow, The Finnish Institute of International Affairs

Moderator: Auður Ingólfssdóttir, Assistant Professor, Bifröst University, Iceland

### 15:30 – 17:00 AVIATION IN THE ARCTIC

*Organized by Verkís Consulting Engineers, Air Iceland and the Greenland-Iceland Chamber of Commerce*

**Location:** Björtuloft, Harpa Fifth Level

#### SPEAKERS

Halldór Benjamín Þorbergsson, Senior Vice President, Icelandair Group:  
Airline Operation in the Arctic.

Stefán Friðleifsson, Civil Engineer, Verkís: Design Considerations of Airports.  
Guðmundur Daði Rúnarsson, Technical and Infrastructure Director Keflavik  
Airport: Planning and Construction of a Near-Arctic Hub.

Niels Grosen, Acting Managing Director and Chief Operation Officer,  
Greenland Airports: Running Airports in Greenland.

### 15:30 – 17:00 SOCIAL IMPACTS OF OIL AND GAS ACTIVITIES IN THE ARCTIC – CHALLENGES AND BENEFITS

*Organized by the Arctic Oil and Gas Research Centre, Ilisimatusarfik (University of Greenland)*

**Location:** Esja, Harpa Fifth Level

#### SPEAKERS

Rachael Lorna Johnstone, Professor of Law, University of Akureyri:  
Introduction: Social Impacts of Oil and Gas Activities in the Arctic –  
Challenges and Benefits

Anne Merrild Hansen, Professor at Ilisimatusarfik, University of Greenland:  
Social Impact Assessment in Oil and Gas Development: Community  
Experiences from Greenland and Alaska.

Anita L. Parlow, Fulbright-MFA Arctic Scholar at the University of Akureyri  
and National Energy Authority: Toward an Arctic Standard in the New  
North: Projected Considerations by Iceland and Norway in the Jan  
Mayen Offshore.

Brigt Dale, Senior Researcher, Nordland Research Institute, Norway: The  
Post-Petroleum Perspective: Is There Security to be Found Beyond the Oil  
Ontology?

Natalya Novikova, Researcher, Institute of Ethnology and Anthropology,  
Russian Academy of Sciences: Anthropological expert review in Russia:  
Goals of researchers and expectations of indigenous peoples.

Emma Wilson, Associate, Scott Polar Research Institute, Cambridge  
University: Ethics and practice: implementing international social  
performance standards in Arctic extractive industry contexts.

15:30 – 17:00 CLIMATE CHANGE, SPECIES DISPERSAL AND FISHERIES

*Organized by the University of Akureyri and Arctic Portal*

**Location:** Viðey, Harpa Second Level

**SPEAKERS**

Hreiðar Þór Valtýsson, Assistant Professor, School of Business and Science,  
University of Akureyri: Status of Arctic fisheries

Michaela Coote, Arctic Portal: The Potential for Divers to Protect the Marine  
World Through Citizen Science.

Captain Rick Fehst, Alaska: Perspectives of an Alaskan Fisherman

Hörður Sævaldsson, Assistant Professor, School of Business and Science,  
University of Akureyri: Challenges in the Icelandic Pelagic Sector  
Following Climate Changes.

Carey Bonnell, Head, School of Fisheries, Fisheries and Marine Institute of  
Memorial University of Newfoundland: Fisheries Development in the  
Eastern Canadian Arctic and Sub-Arctic Environment

Marianne Helene Rasmussen, University of Iceland: Photo-identification of  
Whales and Dolphins

Erlendur Bogason Professional diver, Strytan ehf: Underwater Videos During  
Breaks

**CHAIR:** Eyjólfur Guðmundsson, Rector, University of Akureyri

15:30 – 17:00 BRICS IN THE ARCTIC:

EMERGING OPPORTUNITIES FOR COLLABORATIVE INITIATIVES

*Organized by Saint Petersburg State University, Russia*

**Location:** Stemma, Harpa First Level

**SPEAKERS**

Sergio C. Trindade, President, SE<sup>2</sup>T International, Ltd.

Celma Regina Hellebust, lawyer, Honorary Vice-Consul for Brazil in  
Stavanger

Carolina A. Freire, Professor of Animal Physiology, Federal University of  
Paraná, Brazil

Zhang Yao, Senior Fellow, Shanghai Institute for International Studies (SIIS)

R. K. Pachauri, former head of the Intergovernmental Panel on Climate  
Change (IPCC)

Alexander Sergunin, Professor of International Relations, St. Petersburg State  
University, Russia

Valery Konyshev, Professor, School of International Relations, St. Petersburg  
State University

Maria L. Lagutina, Associate Professor, Vice-head of World Politics  
Department, Saint Petersburg State University

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## 17:00 – 18:30 BREAKOUT SESSIONS

### 17:00 – 18:30 WHOSE ARCTIC SECURITY? BROADENING THE SECURITY AGENDA IN THE ARCTIC REGION.

*Organized by Hull Marine and Maritime Institute, University of Hull, UK*

**Location:** Silfurberg B, Harpa Second Level

#### SPEAKERS

James I. Rogers, Associate Lecturer in International Politics, University of York: Culture, Strategy and Security.

Caroline Kennedy, Professor of War Studies, Director of the Hull Maritime and Marine Institute, University of Hull: Russia, India and the Arctic.

Michele Olivier, Reader, School of Politics, Philosophy and International Relations, University of Hull: Indigenous Securities and Insecurities: Environmental Security & Sustainable Development.

Emma Butcher, AHRC-funded Doctoral Candidate in English Literature, University of Hull: Arctic Security in the Literary and Cultural Imagination.

Tom Arnbom, Senior Conservation Officer, WWF Sweden: Why We Need a Sustainable Blue Economy in the Arctic

### 17:00 – 18:30 COMMUNICATION AND COORDINATION NETWORK IN THE ARCTIC

*Organized by Isavia*

**Location:** Akrafjall, Harpa Fourth Level

#### SPEAKERS

Ásgeir Pálsson, Director of Air Navigation Services, Isavia

Lars H. Hansen, Captain in the Royal Danish Navy representing the Commander in Chief, Joint Arctic Command

### 17:00 – 18:30 HUMAN FACE OF CLIMATE CHANGE IN THE ARCTIC: INSIDERS' AND OUTSIDERS' PERSPECTIVES

*Organized by the Swiss Federal Department of Foreign Affairs*

**Location:** Kaldalón, Harpa First Level

#### SPEAKERS

Corina Gamma, Film director and producer: the Relationship Between People and their Environment

Aqqaluk Lynge, Consultant, Head of the Inuit Human Rights Centre (Inuit Circumpolar Council, Greenland); former Chair of ICC: Sharing of Information and Knowledge - the Inuit Approach: Indigenous Rights in the Arctic

Martha Cerny, Curator, Cerny Inuit Collection, Berne-Switzerland:  
Contemporary Art and Awareness about Climate Change

Chair: Yvon Csonka, former Professor of Anthropology at Ilisimatusarfik –  
University of Greenland; Chief of Thematic Analysis and Surveys,  
Federal Statistical Office

**17:00 – 18:30 REGIONS AS ARCTIC DEVELOPERS – SUSTAINABLE DEVELOPMENT  
THROUGH MULTILATERAL COOPERATION**

*Organized by Troms County Council, Norway*

**Location:** Björtuloft, Harpa Fifth Level

**SPEAKERS**

Cecilie Myrseth, Chair, Troms County Government: Carving out the Role of  
Regional Governments in Arctic Development.

Eirik Sivertsen, MP, Chair of the Conference of Parliamentarians of the Arctic  
Region: How to include Regions in Arctic Decision-making.

Oddgeir Danielsen, Director, Northern Dimension Partnership on Transport  
and Logistics: The Barents Cooperation and Infrastructure Development.

Andreas Østhagen, Senior Fellow, the Arctic Institute; PhD Student, University  
of British Columbia: The EU and the Arctic.

Anne Husebekk, Rector, UiT – The Arctic University of Norway: Knowledge  
and Cooperation as Drivers for Development.

Jan Gunnar Winther, Director, Norwegian Polar Institute: The Potential of  
Marine Resources and the Role of Regions, businesses and Multilateral  
Cooperation

Anu Fredrikson, Director, Arctic Economic Council: Sustainable Business  
Development.

Chair: Arne O. Holm, Executive Editor, High North News

**17:00 – 18:30 FULBRIGHT IN THE ARCTIC – MEETING CHALLENGES OF SUSTAINABILITY,  
HUMAN DEVELOPMENT AND UTILIZATION**

*Organized by the Iceland-US Fulbright Commission in cooperation with the  
United States Department of State's Bureau of Educational and Cultural  
Affairs and the National Science Foundation (NSF)*

**Location:** Hafnarkot, Harpa First Level

**SPEAKERS**

Erica Hill, Associate Professor of Anthropology, Chair of Social Sciences,  
University of Alaska Southeast; Fulbright-NSF Arctic Research Scholar at  
the University of Iceland: The Archaeology of Humans, Animals and  
Landscapes in Iceland and Alaska.

Stephanie Grocke, Postdoctoral Researcher, Geology, Smithsonian Institution;



Fulbright-NSF Arctic Research Scholar at the University of Iceland:  
Blasting Through Time: Past & Future Gas Emissions Emitted from  
Icelandic Volcanoes.

Robert Zierenberg, Professor of Geology, University of California, Davis;  
Fulbright-NSF Arctic Research Scholar at the University of Iceland: Using  
Magma as a Low-Carbon Energy Source.

Bjarni Magnússon, Associate Professor of Law, Reykjavik University; Fulbright  
Arctic Initiative Scholar: The United States Entitlement to the Continental  
Shelf beyond 200 Nautical Miles.

Anita Parlow, Esq., recently Team Lead to the Woodrow Wilson Polar  
Initiative's Polar Code Roundtable, International law; Fulbright-MFA  
Arctic Scholar at the University of Akureyri, University of Iceland and  
National Energy Authority, Iceland: Sustainable & Collaborative  
Practices in Arctic Offshore Petroleum Development.

Anne Merrild Hansen, Professor at Ilisimatusarfik, University of Greenland;  
Fulbright Arctic Initiative Scholar: Social Impacts of Oil Development in  
the North American Arctic.

Gwen Holdmann, Director of the Alaska Center for Energy and Power,  
Fulbright Arctic Initiative Scholar: How Local Energy Development can  
Support Sustainable Business Ecosystems.

Susan Chatwood, Director, Institute for Circumpolar Health Research,  
Assistant Professor, Dalla Lana School of Public Health, University of  
Toronto, Fulbright Arctic Initiative Scholar: Health System Performance  
in Circumpolar Regions.

Greg Poelzer, Professor, School of Environment and Sustainability, University  
of Saskatchewan; Founding Director, International Centre for Northern  
Governance and Development; Fulbright Arctic Initiative Scholar:  
Sovereign Wealth Funds and Sustainable Development in Arctic and  
Sub-Arctic Communities.

Chair: Belinda Theriault, Executive Director, Fulbright Commission Iceland

## 17:00 – 18:30 TOWARDS A CARBON-NEUTRAL APPROACH IN THE ARCTIC

*Organized by University of Akureyri, Akureyri Clean Tech, and the Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council*

**Location:** Ríma A, Harpa First Level

### SPEAKERS

Sigurður Ingi Friðleifsson, Manager, the Energy Agency of Iceland: Carbon Emissions and Carbon Neutrality.

Brynhildur Bjarnadóttir, Assistant Professor, University of Akureyri: Carbon Sequestration – Possibilities in the Arctic.

Hans Jörgen Koch, CEO, Nordic Council of Ministers: A Regional Approach to Carbon Neutrality.

Hugi Ólafsson, Director, Ministry for the Environment and Natural Resources, Iceland: Iceland; Climate and Policies.

Guðmundur Haukur Sigurðsson, Manager, Akureyri CleanTech: Akureyri – Towards a Carbon-neutral Northern Municipality.

Albertína Friðbjörg Elíasdóttir, Manager, Eimur: Encouraging Increased Sustainability in the Arctic with Better Utilization of Resources.

Eyjólfur Guðmundsson, Rector, University of Akureyri: University of Akureyri: The First Carbon-neutral University in the Arctic.

Brynhildur Pétursdóttir, Member of Parliament: Summary – Why is the Arctic Circle Event not Carbon Neutral?

## 17:00 – 18:30 RETHINKING SHARED INTERESTS IN ARCTIC OIL AND GAS – CAN WE ACTUALLY MANAGE MORE EFFECTIVELY?

*Organized by Stony Brook University*

**Location:** Esja, Harpa Fifth Level

### PANELISTS

Monica Ell-Kanayuk, Deputy Premier, Government of Nunavut

Jóhann Sigurjónsson, Special Envoy on Ocean Affairs, Ministry for Foreign Affairs, Iceland

Tero Vauraste, President and CEO, Arctia Ltd; Vice-Chair, Arctic Economic Council

Fran Ulmer, Chair, United States Arctic Research Commission; Special Advisor to the U.S. Department of State on Arctic Science and Policy

Heiðar Guðjonsson, Chairman of the Board, Eykon Energy

Guðni Jóhannesson, Director General, National Energy Authority of Iceland

Bill Moomaw, Research Professor and Co-director, Global Development and Environment Institute, Tufts University; Chief Science Officer, Earthwatch Institute

Alexander Vylegzhanin, Professor and Director, International Law Programme, Moscow State Institute of International Relations  
Michael Kingston, Maritime Lawyer, DWF Law  
Briat Dale, Senior Researcher, Nordland Research Institute  
Nils Andreassen, Project Manager, Institute of the North

Chair: Kathleen Araújo, Assistant Professor, Stony Brook University, and Researcher, Brookhaven National Laboratory

#### 17:00 – 18:30 BLUE GROWTH IN THE ARCTIC; HOW TO MOVE FORWARD?

*Organized by the University of Iceland, Oslo University and Stockholm Resilience Center*

**Location:** Háaloft, Harpa Eighth Level

##### SPEAKERS

Anne Marie Eikeset CEES, University of Oslo: Green Growth Based on Marine Resources: an Introduction to the GreenMAR Project

Simon A. Levin, Professor Princeton University (*video message*)

Thorsten Blenckner, Stockholm Resilience Center: Blue Growth in the context of Arctic Resilience.

Susa Niiranen, Stockholm Resilience Center: Global Connectivity and Cross-Scale Interactions Create Uncertainty for Blue Growth of Arctic Fisheries

Matilda Valman, Post-doctoral Researcher, Stockholm Resilience Center: A sea of many colours. Comparing ideas and practices of Blue growth

Brynhildur Davidsdottir, Professor Environment and Natural Resources, University of Iceland: Governance Strategy for Blue Growth; Challenges and Opportunities – the Road Forward

CHAIR: Nils Christian Stenseth, Professor CEES University of Oslo.

#### 17:00 – 18:30 THE POTENTIAL FOR GEOTHERMAL IN THE ARCTIC

*Organized by the Canadian Geothermal Energy Association CanGea*

**Location:** Eyri, Harpa Second Level

##### SPEAKERS

Alison Thompson, Chair & Co-Founder, CanGEO: Canada's 175 Aboriginal and Northern Off-Grid Communities: Geothermal Power, Heat, Greenhouses and Jobs Opportunities.

George Roe, Adjunct Research Professor, University of Alaska at Fairbanks; Program Manager, Arctic Remote Energy Networks Academy (ARENA), UAF

Magnús Ólafsson, Senior Geochemist and Project Manager, ÍSOR, Iceland GeoSurvey: Exploration and Sustainable, Cascaded Use of Geothermal

in Remote Areas in Iceland

Chair: Ágústa Ýr Þorbergsdóttir, Director at NAVIGO ehf.

#### 17:00 – 18:30 RESOURCE DYNAMICS

*Organized by the GlobalArctic Project and the Northern Research Forum (NRF)*

**Location:** Silfurberg A, Harpa Second Level

##### SPEAKERS

Gerald Zojer, PhD Candidate, University of Lapland: Arctic Governance  
Under the Influence of a Global Fossil-Industrial Way of Life

Florian Vidal, PhD Candidate, University of Paris Descartes: Energy Nexus  
and Climate Change in the Arctic

Erica M. Dingman, Senior Fellow, World Policy Institute; Director, Arctic in  
Context Initiative: Into the Future: The Confluence of Arctic Warming  
and Energy Demand

Hanna Lempinen, Researcher, PhD Candidate, Faculty of Social Sciences,  
University of Lapland, Finland: (Human) Security or (Social)  
Sustainability? - Perspectives to and from the Arctic Energyscape

Teemu Palosaari, Post-doctoral Researcher, Tampere Peace Research Institute  
TAPRI, University of Tampere, Finland: The Arctic Paradox (and how to  
solve it). Oil, Gas and Climate Change Ethics in the Arctic

Chair: Matthias Finger, Professor, Ecole Polytechnique Fédérale Lausanne  
(EPFL)

#### 17:00 – 18:30 POLICYMAKING IN THE ARCTIC

*Organized by the West Nordic Council*

**Location:** Ríma B, Harpa First Level

##### SPEAKERS

Unnur Brá Konráðsdóttir, President of the West Nordic Council, Member of  
the Icelandic Parliament

Dalee Sambo Dorough, Chairperson, United Nations Permanent Forum on  
Indigenous Issues; Associate Professor, Department of Political Science,  
University of Alaska Anchorage

Chandrika Nath, Acting Director, Parliamentary Office of Science and  
Technology, British Parliament

#### 17:00 – 18:30 POLAR LAW: GLOBAL INFLUENCES ON POLAR GOVERNANCE

*Organized by University of Akureyri*

**Location:** Main Hall, Þjóðmenningarhúsið (National Centre for Cultural Heritage)

**SPEAKERS**

Bertrand Ramcharan, former UN High Commissioner for Human Rights: UN Protection of the Polar Regions.

Øyvind Ravna, Professor of Law, Arctic University of Norway in Tromsø: Is Norway's arrangement with an investigating commission and a land tribunal suited to fulfill its obligations under ILO 169 to the Sámi?

Tanja Joonas, Senior Researcher, University of Lapland: The Rights of Sámi Children in the context of Subjectivity and Identity with special reference to ILO Convention No. 169, the Draft Nordic Saami Convention and UNDRIP.

Chair: Guðmundur Alfreðsson, Professor, University of Akureyri; China University of Political Science and Law, Beijing

**17:00 – 18:30 CHINA-ICELAND JOINT AURORA OBSERVATORY (CIAO) AND ITS SCIENTIFIC COOPERATION**

*Organized by The Polar Research Institute of China (PRIC) and the Icelandic Centre for Research (RANNÍS)*

**Location:** Stemma, Harpa First Level

**CHAIRS**

Hallgrímur Jónasson, Director, RANNÍS

Zhu Jiangang, Deputy Director, PRIC

**SPEAKERS**

Yang Huigen, Director General, PRIC

Hu Hongqiao, Head of Atmosphere and Space Physics Division, PRIC

Gunnlaugur Björnsson, Research Scientist, Science Institute, University of Iceland

Thorsteinn Gunnarsson, Senior Adviser, RANNÍS

Halldór Jóhannsson, Director, Arctic Portal

Embla Eir Oddsdóttir, Director, Icelandic Arctic Cooperation Network

**17:00 – 18:30 THE ARCTIC OCEAN - ICELANDIC SOLUTIONS**

*Organized by Hafið, the Icelandic Center of Excellence for Sustainable Use and Conservation of the Ocean*

**Location:** Skarðsheiði, Harpa Third Level

**SPEAKERS**

Sigríður Ragna Sverrisdóttir, General manager, Hafið

Þorsteinn Svanur Jónsson, Manager of Business Development, ARK  
Technology

Davíð Lúðvíksson, Director – Strategy and innovation, The Federation of  
Icelandic Industries

Einar Skaftason, Trawl designer, Hampiðjan

**17:00 – 18:30 THE FUTURE OF ARCTIC SHIPPING UNDER IPCC CLIMATE SCENARIOS**

*Organized by EU-PolarNet and ICE-ARC*

**Location:** Sæbjörg S&R Vessel

**SPEAKERS**

Andrea Tilche, Head of the Climate Action and Earth Observation Unit,  
Directorate General for Research and Innovation, European  
Commission: Sustainable Development in the Arctic – the New Arctic  
Policy.

Kathrin Riemann-Campe, Post-doctoral Scientist, Helmholtz Centre for Polar  
and Marine Research, Alfred Wegener Institute: IPCC AR5: Projections  
of Arctic Sea Ice Change.

Johan Gille, Senior Consultant, ECORYS: Current Business Restrictions and  
Future Opportunities for Arctic Shipping.

Kathy Law, Director of Research, Observations Spatiales (LATMOS),  
Laboratoire Atmosphères, Milieux: Current and Future Impacts of  
Pollution from Arctic Shipping.

Lawson Brigham, Distinguished Professor of Geography and Arctic Policy,  
University of Alaska Fairbanks: The IMO Polar Code and Future Arctic  
Marine Operations.

Jeremy Wilkinson, Sea Ice Physicist, British Antarctic Survey: Conclusions and  
Recommendations for Necessary Actions from an ICE-ARC Perspective

Björn Dahlbäck, Director General, Swedish Polar Research Secretariat:  
Conclusions and Recommendations for Necessary Actions from an EU-  
PolarNet Perspective.

Paolo Ruti, Chief, World Weather Research Programme, World  
Meteorological Organization: A WMO Research Contribution to Future  
Arctic: the Year Of Polar Prediction



## SATURDAY, OCTOBER 8 – PLENARY SESSIONS

Location: Silfurberg Hall, Harpa Second Level

07:30 – 17:00 REGISTRATION

08:00 – 08:30 COFFEE SOCIAL

08:30 – 09:10 ENHANCING MARITIME SAFETY AND GROWTH IN ARCTIC WATERS

Organized by the Danish Maritime Authority

### SPEAKERS

Andreas Nordseth, *Director-General, Danish Maritime Authority*

Anne H. Steffensen, *Director-General, Danish Shipowners Association*

Lars Henrik Hansen, *Commander in Chief, Joint Arctic Command*

Moderator: Martin Breum, *Journalist and author*

09:10 – 09:25 REPORT FROM CHINA COSCO SHIPPING CORPORATION

● Ding Nong, *Executive Vice President, China Cosco Shipping Corporation*

Chair: Dagfinnur Sveinbjörnsson, *CEO, Arctic Circle*

09:25 – 10:15 PREPARING FOR ARCTIC TOURISM GROWTH

### SPEAKERS

Sven Olof Lindblad, *CEO, Lindblad Expeditions*

Sarah Leonard, *Chief Executive Officer, Alaska Travel Industry Association*

Halldór Benjamín Þorbergsson, *Senior Vice President, Icelandair Group*

Grímur Sæmundsen, *CEO, Blue Lagoon; Chairman, The Icelandic Travel Industry Association*

Chair: Helga Árnadóttir, *Director, The Icelandic Travel Industry Association*

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10:15 – 10:30 COFFEE BREAK

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10:30 – 11:15 THE UNITED STATES AND THE ARCTIC

**SPEAKERS**

Fran Ulmer, Executive Director, United States Arctic Research Commission;  
Special Advisor to the U.S. Department of State on Arctic Science and  
Policy

Craig Fleener, Senior Advisor, Arctic Policy & Climate Change, Director of  
State and Federal Relations, Office of the Governor, Alaska

Jane Harman, President, Woodrow Wilson Center, Smithsonian Institution

Chair: Alice Rogoff, *Publisher, Alaska Dispatch News*

11:15 – 12:00 MEETING THE CHALLENGES OF SUSTAINABLE DEVELOPMENT IN THE  
ARCTIC

*Organized by Guggenheim Partners, WWF Arctic Programme and the  
Natural Capital Project*

**SPEAKERS**

Carter Roberts, President and CEO of World Wildlife Fund

Aaja Chemnitz, Member of the Danish Parliament for Greenland

Scott Minerd, Global Chief Investment Officer, Guggenheim Partners

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12:00 – 12:45 LUNCH HOSTED BY H.E. SIGURÐUR INGI JÓHANNSSON, PRIME  
MINISTER OF ICELAND

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## 12:45 – 13:30 GLOBAL ECONOMIC IMPACTS OF ARCTIC CHANGE

*Organized in cooperation with the European Climate Foundation  
Focus on the Economic Impacts of Increased Shipping in Arctic Waters*

### INTRODUCTION

*Charlotte Inglis, Head of the Maritime and Arctic Programme, European Climate Foundation*

### KEYNOTE

*Gail Whiteman, Director of the Pentland Centre for Sustainability in Business, Professor-in-Residence at the World Business Council for Sustainable Development, United Kingdom*

### PANELISTS

*Dmitry Yumashev, Senior Research Associate, ICE-ARC (Ice, Climate, Economics – Arctic Research on Change) Project, Pentland Centre for Sustainability in Business*

*Alyson Azzara, International Trade Specialist, Office of International Activities, US Maritime Administration*

*Sian Prior, Ocean Governance and Marine Policy Development Consultant*

*Moderator: Gail Whiteman, Director of the Pentland Centre for Sustainability in Business, Professor-in-Residence at the World Business Council for Sustainable Development, United Kingdom*

## 13:30 – 13:45 ARCTIC CIRCLE PRIZE CEREMONY

## 13:45 – 14:15 KEYNOTE BY THE UNITED NATIONS SECRETARY-GENERAL

● *Ban Ki-moon, Secretary-General of the United Nations*

*Chair: Ólafur Ragnar Grímsson, Chairman Arctic Circle*

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## 14:15 – 14:30 COFFEE BREAK

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## 14:30 – 15:30 BREAKOUT SESSIONS

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## 15:30 – 17:00 BREAKOUT SESSIONS

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## 17:00 – 17:15 BREAK

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17:15 – 18:45 BREAKOUT SESSIONS

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19:00 – 20:30 FILM SCREENING: CHASING ICE

Location: Kaldalón, Harpa First Level

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## SATURDAY, OCTOBER 8 – BREAKOUT SESSIONS

### 14:30 – 15:30 KOREA AND THE ARCTIC

*Organized by the Ministry of Foreign Affairs and the Ministry of Oceans and Fisheries of the Republic of Korea, Korea Polar Research Institute (KOPRI), Korea Maritime Institute (KMI), and the National Institute of Ecology (NIE)*

**Location:** Skarðsheiði, Harpa Third Level

#### SPEAKERS

Kim Chan-Woo, Ambassador for Arctic Affairs, Ministry of Foreign Affairs:  
Korea's Contribution to a Sustainable Arctic Future.

Hyunkyo Seo, Director, KOPRI-NPI (Norwegian Polar Institute) Cooperative Polar Research Centre: Korea's Scientific Research Activities in the Arctic and Future Plans in the Arctic.

Kim Jong Deog, Director General, Korea Maritime Institute (KMI): Korea's Partnership Enhancement with Working Groups and TFs of the Arctic Council.

Kang Sung-Ryong, Senior Researcher, National Institute of Ecology(NIE): Korea's Contribution to the Arctic Migratory Birds Initiative (AMBI) of the Arctic Council.

### 14:30 – 15:30 SINGAPORE AND THE ARCTIC: PARTNERSHIP BETWEEN ACADEMIA AND BUSINESS THROUGH RESEARCH & INNOVATION

*Organized by Keppel Offshore & Marine*

**Location:** Stemma, Harpa First Level

#### SPEAKERS

Yeong Wai Seng, Senior Business Development Manager, Keppel  
Singmarine: Sustainable Living and Development for Local Communities

Chow Yean Khaw, Professor, Executive Director, Keppel-NUS Corporate Laboratory: Partnership among Academia, Industry and Government for Arctic Research

Peter Noble, Technology Consultant, Keppel Offshore & Marine Technology Centre: Technology Research Requirements to Support Sustainable and Environmentally Acceptable Developments in the Arctic

Anis Hussain, General Manager, Marine Technology Development and Project Director/Deepwater Technology, KOMtech: Building Capability through Innovation: Experiences in Technology Development

**14:30 – 15:30 ARCTIC COUNCIL: SCORECARD FOR CONSERVATION RESULTS**

*Organized by the WWF Arctic Programme*

**Location:** Kaldalón, Harpa First Level

Marc-André Dubois, Advisor, WWF Arctic Programme: WWF Scorecard Methodology.

Maya Gold, Senior Policy Advisor, Fisheries and Oceans Canada

Arne Riedel, LL.M., Rechtsanwalt (Lawyer); Fellow, Coordinator Arctic, Ecologic Institute: Policy in progress?

Alexander Sergunin, Professor, Saint-Petersburg State University

Chair: Alexander Shestakov, Director, WWF Arctic Programme

**14:30 – 15:30 SENSING THE ARCTIC: AUTONOMOUS AND SUBMERSIBLE VEHICLES – RESULTS, OPPORTUNITIES AND GOOD GOVERNANCE**

*Organized by UK Arctic Office (funded by the Natural Environment Research Council)*

**Location:** Norðurljós, Harpa Second Level

**SPEAKERS**

Charlotte Marcinko, Research Scientist, University of Southampton: Insights into Arctic Oceanography from Submarine Sensors

Mark Inall, Director, Scottish Alliance for Geoscience, Environment and Society, Scottish Association for Maritime Science (SAMS)

Alberto Naveira, Director, Next Generation Unmanned Systems Science, University of Southampton: Training the next generation of environmental scientists in the use of Smart and Autonomous Observing Systems

Maaten Furlong, Head, Marine Autonomous & Robotic Systems Group, National Oceanography Centre

Chair: Henry Burgess, Head, Arctic Office, Natural Environment Research Council, UK

**14:30 – 15:30 COLLABORATION AND PARTNERSHIP: THE FUTURE OF ARCTIC NEWS MEDIA**

*Organized by Alaska Dispatch News*

**Location:** Eyri, Harpa Second Level

**PANELISTS**

Arne Holm, *Editor-in-Chief, High North News*

Thomas Nilsen, *Editor, The Independent Barents Observer*

Atle Staalesen, *General Director, The Independent Barents Observer*

Kevin McGwin, *Journalist, The Arctic Journal*  
Krestia DeGeorge, *News Editor, Alaska Dispatch News*

Moderator: Alice Rogoff, *Publisher, Alaska Dispatch News*

#### 14:30 – 15:30 ARCTIC SOCIETIES OF WELL-BEING

*Organized by the University of Iceland*

**Location:** Esja, Harpa Fifth Level

*A facilitated workshop on a new development paradigm for the Arctic based on human and environmental well-being.*

#### FACILITATORS

Kristin Vala Ragnarsdottir, *Professor of Sustainability Science, University of Iceland*

Alan AtKisson, *President & CEO, AtKisson Group, Sweden*

#### 14:30 – 15:30 RENEWABLE ENERGY DEVELOPMENT IN THE ARCTIC: CIRCUMPOLAR PROJECTS THAT ADVANCE KNOWLEDGE SHARING

*Organized by the Institute of the North*

**Location:** Main Hall, Þjóðmenningarhúsið (National Centre for Cultural Heritage)

#### SPEAKERS

Greg Poelzer, *Executive Chair, ICNGD; Professor in the School of Environment and Sustainability, University of Saskatchewan: Renewable and Remote Energy Development in the Arctic: An Arctic Fulbright Initiative*

George Roe, *Adjunct Research Professor, University of Alaska at Fairbanks; Program Manager, Arctic Remote Energy Networks Academy (ARENA), UAF: An SDWG Project – Arctic Remote Energy Network Academy.*

Nils Andreassen, *Project Manager, Institute of the North: Arctic Renewable Energy Atlas: An SDWG Project for Renewable Energy Data Visualization*

Anne Mette Erlandsson Christiansen, *Renewable Energy Program Director, WWF Sweden: Supporting Renewable Energy Development in Alaska, Greenland, Canada and Russia: A Project of WWF*

Moderator: Nils Andreassen, *Executive Director, Institute of the North*

**14:30 – 15:30 THE CENTRAL HIGHLAND: BRAND CAPITAL OF ICELANDIC NATURE**

*Organized by Hálendið: Iceland National Park in cooperation with the Icelandic Environment Association and the Iceland Nature Conservation Association*

**Location:** Ríma B, Harpa First Level

**SPEAKERS**

Póra Ellen Þórhallsdóttir, Professor of Botany, the University of Iceland;  
Chairperson, the Institute of Life and Environmental Sciences: *Why All the Fuss? Biological Values in the Central Highland*

Peter Prokosch, Founder and Chairman of the Board, Linking Tourism & Conservation (LT&C): *The Icelandic Highlands - an Arctic Wilderness*

Oliver Luckett, CEO, Revilo Park: *The Brand of Iceland and its Connection to Nature and Sustainability*

**14:30 – 15:30 BOOK LAUNCH:**

**ANTARCTICA, THE BATTLE FOR THE SEVENTH CONTINENT**

*Book by Dr. Doaa Abdel-Motaal*

**Location:** Hafnarkot, Harpa First Level

**AUTHOR**

Doaa Abdel-Motaal

**DISCUSSANTS**

Aleqa Hammond, former Prime Minister of Greenland; Member of the Danish Parliament

Sven Olof Lindblad, CEO, *Lindblad Expeditions*

**MODERATOR**

Martin Breum, Journalist and author

**14:30 – 15:30 ARCTIC OCEAN OIL AND GAS EXPLORATION AND LEGAL LIABILITY**

*Organized by the University of Iceland and University of Akureyri*

**Location:** Akrafjall, Harpa Fourth Level

**SPEAKERS**

Rachael Lorna Johnstone, Professor of Law, University of Akureyri:  
*Hazardous Activities, Small States and the Risk of Reparation*

Nigel Bankes, Professor of Law, University of Calgary: *Design Considerations for a Liability and Financial Assurance Regime: Canada*

Lára Jóhannsdóttir, Assistant Professor, Environment and Natural Resources, University of Iceland: *Insurance perspective on Arctic Ocean Oil and Gas exploration projects*

Chair: Aðalheiður Jóhannsdóttir, Professor of Law, Head of the Faculty of Law, University of Iceland

**14:30 – 15:30 HOW TO CONNECT WITH ARCTIC RESEARCH ACROSS BOUNDARIES**

*Organized by the Arctic Research Consortium of the United States (ARCUS)*

**Location:** Háaloft, Harpa Eighth Level

**SPEAKERS**

Robert Rich, Executive Director, ARCUS: Connecting Arctic Research Across Boundaries.

Fran Ulmer, Executive Director, United States Arctic Research Commission: Setting Arctic Research Priorities within the U.S. Government.

Maribeth Murray, Executive Director, Arctic Institute of North America; Professor, University of Calgary: A Binational Organization Advancing Arctic Research.

Volker Rachold – Executive Secretary of the International Arctic Science Committee (IASC): Identifying Priorities for International Arctic Research.

Peter Schmidt Mikkelsen, Lead Coordinator: Arctic Science Partnership (ASP), Isaaffik Arctic Gateway: Connecting Arctic Research, Education, Consultancy and Logistics (within the Kingdom of Denmark).



#### 14:30 – 15:30 ARCTIC UNIVERSITY CITIES

*Organized by the Centre for Arctic Policy Studies (CAPS) at the University of Iceland and UiT – The Arctic University of Norway, Tromsø*

**Location:** Ríma A, Harpa First Level

##### SPEAKERS

Mara Kimmel, Senior Fellow at the Institute of the North, Alaska

Rasmus Gjedssø Bertelsen, Professor of Northern Studies and Barents Chair in Politics, University of Tromsø, the Arctic University of Norway (UiT)

##### PANELISTS

Anne Husbek, Rector at University of Tromsø, the Arctic University of Norway (UiT)

Dagur B. Eggertsson, Mayor, City of Reykjavík

Guðbjörg Linda Rafnsdóttir, Pro-Rector of Science, University of Iceland

Daði Már Kristófersson, Dean of the School of Social Science, University of Iceland

Hege Kallbekken, MA Student in Political Science, UiT The Arctic University of Norway

Moderator: Margrét Cela, Project Manager, Centre for Arctic Policy Studies, University of Iceland

#### 14:30 – 15:30 ARCTIC ROTARY CONNECTIONS: ROTARY, IT'S ABOUT LIFE!

*Organized by Rotary International*

**Location:** Sæbjörg S&R Vessel

##### SPEAKERS

Joseph Davis, Vice President, ConsultNorth; Anchorage Rotary Club

Sandra Medearis, Nome Rotary Club

Elizabeth Shea, Alaska Nanuq Commission; Chair for the New Generation Committee for Anchorage Downtown Rotary

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#### 15:30 – 17:00 BREAKOUT SESSIONS

#### 15:30 – 17:00 THINKING LIKE AN ECOSYSTEM: ECOSYSTEM SERVICES THINKING TO SUPPORT SUSTAINABLE DEVELOPMENT

*Organized by the WWF Arctic Programme*  
**Location:** Ríma A, Harpa First Level

**SPEAKERS**

Martin Sommerkorn, Head of Conservation, WWF Arctic Program: Valuing Arctic Nature Through the Ecosystem Services Lens: Conservation Opportunity or Commodification Trap?

Spencer Wood, Senior Research Scientist, University of Washington; Senior Scientist, Natural Capital Project: How Information on Biodiversity and Natural Assets Can Inform Sustainable Development Decisions in the Arctic.

Gunn-Britt Retter, Head of the Arctic and Environment Unit, Saami Council: Is the Value of Saami Culture the Same for You as for Me? Reflections on Why Valuing Nature is Challenging

Chair: Liisa Rohweder, CEO of WWF Finland

**15:30 – 17:00 OIL EXPANSION IN THE ARCTIC IN THE CONTEXT OF CLIMATE LITIGATION CASES AROUND THE WORLD**

*Organized by Greenpeace*

**Location:** Björtuloft, Harpa Fifth Level

**SPEAKERS**

Julia Olson, Executive Director and Chief Legal Counsel, Our Children's Trust  
Roger Cox, Lead Lawyer, the Urgenda Foundation; Senior Fellow, Centre for International Governance Innovation (CIGI)

Michael Byers, Canada Research Chair in Global Politics and International Law, University of British Columbia

Michelle Jonker-Argueta, Legal Counsel, Greenpeace International

Chair: Truls Gulowsen, Head of Greenpeace Norway

**15:30 – 17:00 TELECOMMUNICATIONS AND SATELLITES ON TOP OF THE WORLD**

*Organized by the Institute of Communications and Navigation, German Aerospace Center (DLR), Ministry of Foreign Affairs of Denmark and the Technical University of Denmark*

**Location:** Silfurberg B, Harpa Second Level

**SPEAKERS**

Hanne Fugl Eskjær, Arctic Ambassador of the Kingdom of Denmark, Danish Ministry of Foreign Affairs

Bo N. Andersen, Director General, Norwegian Space Center; Arctic Council Task Force on Telecommunications in the Arctic

Niels Andersen, Deputy Director, Technical University of Denmark: Multiuse

Space Infrastructure in the Arctic  
Kjell-Ove Orderud Skare, Leader Strategy and Analysis, Space Norway: The  
Quest for Arctic Communications  
Jeremy Wilkinson, Lead Investigator, NERC Arctic Research Programme,  
British Antarctic Survey: Needs and Requests Towards  
Telecommunications in Perspective of Arctic Science Activities

#### 15:30 – 17:00 POLAR LAW: SUSTAINABLE DEVELOPMENT

*Organized by University of Akureyri*

*Location: Main Hall, Þjóðmenningarhúsið (National Centre for Cultural Heritage)*

##### SPEAKERS

John M. Sky Starkey, Lawyer representing Alaska tribal organizations:  
Colonialism of Arctic Indigenous Lands and Waters in the 21st Century

Mary Durfee, Associate Professor of International Relations, Michigan Tech  
University: Free Trade: The Expected Impacts of TTIP and CETA on the  
Arctic

Romanov Oleg, Lawyer: A Review of the Legislation of Arctic States in the  
Field of Design and Construction

Agnieszka Ason, Adjunct Professor, Technical University of Berlin:  
International Arbitration as a Method of Resolution of Boundary  
Disputes in the Arctic

Skúli Thoroddsen, Orkustofnun: Resource utilisation in Iceland for energy  
production, legal regime and Master Plan

Chair: Natalia Loukacheva, Canada Research Chair in Aboriginal  
Governance and Law, University of Northern British Columbia

#### 15:30 – 17:00 INFRASTRUCTURE DEVELOPMENT IN THE ARCTIC: SOCIAL, COMMERCIAL AND TECHNICAL PERSPECTIVES OF UPCOMING OPPORTUNITIES

*Organized by bremenports GmbH & Co. KG*

**Location:** Akrafjall, Harpa Fourth Level

##### SPEAKERS

Elías Pétursson, Mayor, Municipality of Langanesbyggð: The Social Impact of  
large-scale Infrastructure Projects for Rural Communities.

James E. Pass, Senior Managing Director, Guggenheim Partners: The  
Investor's View.

Hafsteinn Helgason, Efla Consulting Engineers: Technical Challenges in the  
Arctic.

Lars Stemmler, Head of International Projects, bremenports GmbH & Co. KG:  
The Finnafjord Harbour Project: Progressing Towards a Business  
Opportunity for the Arctic.

Chair: Robert Howe, Managing Director, bremenports GmbH & Co. KG

**15:30 – 17:00 SENSITIVE NORTHERN DESTINATIONS: TOURISM MANAGEMENT AND TOURIST DISPERSION**

*Organized by EFLA Consulting Engineers*

**Location:** Hafnarkot, Harpa First Level

**SPEAKERS**

Nathan Reigner, Consultant, RSG Inc.: Maximizing the Benefits and Minimizing the Impacts of Tourism with Indicator-Based Adaptive Planning and Management.

Eva Dís Þórðardóttir, Specialist in planning, EIA: Possible Solution for Sustainable Tourism in the Westfjords.

Böðvar Tómasson, Specialist in Risk Management and Safety: Dangerous trip to Iceland? - Risk Management in the Tourism Industry.

Þórður H. Ólafsson, Managing Director, Vatnajökull National Park: Vatnajökull National Park – Increased Need for Infrastructure and Improved Nature Conservation Measures.

**15:30 – 17:00 ARCTIC FRESHWATER RESOURCE DYNAMICS AND SOCIO-ENVIRONMENTAL CHALLENGES: A ROUNDTABLE DISCUSSION**

*Organized by Western Kentucky University; University of Akureyri; the Icelandic Arctic Cooperation Network; Icelandic Meteorological Office; Marine and Freshwater Institute, the Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council, and the Icelandic Centre for Research (RANNÍS) and the Rif Research Field Station*

**Location:** Eyri, Harpa Second Level

**Speakers/Panelists:**

Jason Polk, Department of Geography and Geology, Western Kentucky University: Freshwater Resources with Regard to a Changing Climate

Leslie North, Assistant Professor, Department of Geography and Geology, Western Kentucky University: Effective Education and Communication about Regional Freshwater Resource Dynamics

Steingrímur Jónsson, Professor of Physical Oceanography, University of Akureyri, Scientist, Marine Research Institute: Fate of Freshwater in the Arctic Ocean and its Climate Significance

Thorsteinn Thorsteinsson, Glaciological Research, Icelandic Met Office: Glaciers and Ice Caps in the Arctic Region

Halldór Björnsson, Head of Atmospheric Research Group, Icelandic Met Office

Jón S. Ólafsson, Senior Scientist, Institute of Freshwater Fisheries: Freshwater Ecosystems in the Arctic

Thorsteinn Gunnarsson, Senior Adviser, Icelandic Center of Research,  
RANNÍS

Kári Fannar Lárusson, Programme Manager, CAFF

Jonina Sigridur Thorlaksdottir, Rif Research Station

Anisha Tuladhar, Geoscience Graduate Student, Department of Geography  
and Geology, Western Kentucky University: Importance and Dynamics  
of Glacial Rivers in Iceland

James Graham, Western Kentucky University

Chair: Embla Eir Oddsdóttir, Director, Icelandic Arctic Cooperation Network

**15:30 – 17:00 FROM ALASKA TO LAPLAND – LOCAL VOICES STRENGTHENING ARCTIC  
COUNCIL CHAIRMANSHIPS**

*Organized by the Institute of the North and the Arctic Centre*

**Location:** Esja, Harpa Fifth Level

**SPEAKERS**

Craig Fleener, Senior Advisor, Arctic Policy & Climate Change, Director of  
State and Federal Relations, Office of the Governor, Alaska:  
Advocating for Alaskan Priorities.

Michael Sfraga, Vice Chancellor, University of Alaska Fairbanks: Highlighting  
Alaska's Research Capabilities.

Mika Riipi, County Governor of Lapland: Lapland as a Partner in the Finnish  
Chairmanship.

Timo Rautajoki, President & CEO, Lapland Chamber of Commerce, Finland:  
Arctic Business Interests.

**CHAIRS**

Nils Andreassen, Executive Director, Institute of the North

Timo Koivurova, Director, Arctic Centre

**15:30 – 17:00 CANADIAN ARCTIC POLICY:  
RECENT DEVELOPMENTS AND THE WAY AHEAD**

*Organized by the Center for International Governance Innovation (CIGI)*

**Location:** Norðurljós, Harpa Second Level

**SPEAKERS**

Whitney Lackenbauer, Professor, Department of History, St. Jerome's  
University (University of Waterloo): Canadian Arctic Policy: Continuity  
and Change

David Runnalls, Distinguished Fellow, Centre for International Governance  
Innovation and International Institute for Sustainable Development:  
Climate Change and the Canadian Arctic

Suzanne Lalonde, Professor of Law, University of Montreal: Legal Issues in

### Canada's Arctic Policy

Stephen Van Dine, Assistant Deputy Minister, Indigenous and Northern Affairs Canada: Renewing Canadian Arctic and Northern Policy

Rob Huebert, Associate Professor, Department of Political Science, University of Calgary: Canada and Russia in the Arctic: Dialogue and Deterrence

Shaleen Woodward, Deputy Minister of Aboriginal Affairs and Intergovernmental Relations, Government of the Northwest Territories: Northwest Territories' Perspective on Canada's Arctic Policy

Chair: John Higginbotham, Senior Fellow, Centre for International Governance Innovation and Carleton University

### 15:30 – 17:00 LEARNING FROM THE PAST: TOWARDS AN INCLUSIVE INTERNATIONAL NETWORK OF ARCTIC SCIENCE RESEARCH

*Organized by the UK Science & Innovation Network and the Arctic Institute*

**Location:** Stemma, Harpa First Level

#### SPEAKERS

Victoria Herrmann, President and Managing Director, The Arctic Institute

Michael Bravo, University Senior Lecturer and Fellow of Downing College, Scott Polar Research Institute

Klaus Dodds, Professor of Geopolitics, Royal Holloway University of London

Duncan Depledge, Director, All-Party Parliamentary Group for Polar Regions, United Kingdom

Cécile Pelaudeix, Associate Professor, Aarhus University and Research Associate, Sciences Po Grenoble: Political Science and Law in Interdisciplinary Research: Historical Steps and Current Trends

Lill Rastad Bjørst, Associate Professor, Department of Culture and Global Studies, Aalborg University

Pelle Tejsner, Assistant Professor, Aarhus University

Chair: Louise Heathwaite, Chief Scientific Adviser for Rural Affairs, Food and the Environment, Scottish Government

### 15:30 – 17:00 A YOUTH-LED CONVERSATION ABOUT THE FUTURE OF THE ARCTIC

*Organized by Alaska Geographic and the United States Department of State*

**Location:** Skarðsheiði, Harpa Third Level

#### SPEAKERS

Macy Kenworthy, United States Arctic Youth Ambassador

Caitlyn Baikie, Manager, Arctic Students and Partnership Program, Students on Ice Expeditions

Valerie Craig, Senior Director, Impact Initiatives, National Geographic Society

15:30 – 17:00 GLOBAL ARCTIC:

THE ART AND CULTURE OF CLIMATE CHANGE (IN THE ARCTIC)

Organized by the GlobalArctic Project and the Northern Research Forum (NRF)

**Location:** Silfurberg A, Harpa Second Level

SPEAKERS

Guðbjörg R. Jóhannesdóttir, Adjunct, Iceland Academy of Arts; Postdoc in Philosophy, University of Iceland: Coming to Our Senses and Understanding Our Place in the Natural World

Grete K. Hovelsrud, Professor, Nord University, Bodø Norway: An Arctic Perspective on the Role of Culture and World Views in Shaping Adaptation and Mitigation to Climate Change

“Cultures of Climate Change: Fast Media and Slow Media on the Arctic”

- Miyase Christensen, Professor, Stockholm University and KTH Royal Institute of Technology
- Tom Buurman, PhD Candidate, Stockholm University

Kristján Hrannar Pálsson, musician and producer: Music, Climate Change and Popular Culture

MODERATOR

Thorsteinn Gunnarsson, Senior Adviser, Icelandic Center of Research, Rannis

15:30 – 17:00 REIMAGINING THE ARCTIC... AS THE WORLD'S DATA CENTER

Organized by the Fletcher School of Law and Diplomacy at Tufts University

**Location:** Ríma B, Harpa First Level

SPEAKERS

Frederik Vyncke, CEO, Rockan DataCenter, Sweden

Peter Kelly-Detwiler, Principal, Northbridge Energy Partners, USA

Moderator: Caroline Troein, Technology and Innovation Researcher, Institute for Business in the Global Context (IBGC), Fletcher School of Law and Diplomacy, Tufts University

### 15:30 – 17:00 OPERATIONAL MARINE SERVICES IN THE ARCTIC

*Organized by the European Global Ocean Observing System (EuroGOOS) AISBL*

**Location:** Sæbjörg S&R Vessel

#### SPEAKERS

Odd Jarl Borch, Professor of Strategy, Graduate School of Business, Nord University: Arctic Blue Economy.

Einar Hjörleifsson, Fisheries Scientist, Marine Research Institute of Iceland: Fisheries Management – Present and Uncertain Future Dynamics.

Agnieszka Beszczynska-Möller, Research Scientist, Institute of Oceanography, Polish Academy of Sciences: Arctic Ocean Observation System.

Stein Sandven, Research Director, Nansen Environmental and Remote Sensing Center (NERSC): Operational Marine Services: Arctic Sea Ice Monitoring and Forecasting

Torbjørn Eltoft, Professor, University of Tromsø: Integrated Remote Sensing and Forecasting for Arctic Operations.

Henning Wehde, Head of Research and Advice Programme North Sea, Institute of Marine Research

Moderator: Stein Sandven, Research Director, Nansen Environmental and Remote Sensing Center (NERSC)

### 15:30 – 17:00 GERMANY'S COMMITMENTS TO ARCTIC RESEARCH AND RESEARCH COOPERATION

*Organized by the Alfred Wegener Institute (AWI) Helmholtz Centre for Polar and Marine Research and the International Arctic Science Committee (IASC)*

**Location:** Háalofn, Harpa Eighth Level

#### SPEAKERS

Karin Lochte, Director, Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (AWI): Advancing Understanding of the Arctic Through New Technologies.

Simon Plass, Project Manager, German Aerospace Center (DLR): DLR Contributions to Arctic Research.

Heidmarie Kassens, Senior Research Scientist, GEOMAR Helmholtz Centre for Ocean Research: The Laptev Sea - Hotspot for Climate Research in the Russian Arctic.

Ralph Watzel, President, Federal Institute for Geosciences and Natural Resources (BGR): Natural Resources in the Changing Arctic.



Kathrin Keil, Project Scientist, Institute for Advanced Sustainability Studies (IASS): Sustainability and Governance Challenges in a Changing Arctic.  
Markus Rex, Senior Scientist, Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (AWI): The Multidisciplinary Drifting Observatory for the Study of Arctic Climate (MOSAIC).  
Volker Rachold, Secretary General, International Arctic Science Committee (IASC): International Arctic Research Cooperation.

**15:30 – 17:00 THE EDUCATING OF MID-LATITUDINAL COUNTRIES ON CLIMATE CHANGE THROUGH ART AND SCIENCE: “TO SEE THINGS DIFFERENTLY”**

*Organized by the Arctic Arts Project, the Institute of Arctic and Alpine Research (INSTAAR) at the University of Colorado, and the Stefansson Arctic Institute*

**Location:** Kaldalón, Harpa First Level

**SPEAKERS**

Kerry Koeppling, Director/Photographer, Arctic Arts Project; Research Affiliate, INSTAAR

James Balog, Director, Earth Vision Institute; Research Affiliate, INSTAAR; Director, Extreme Ice Survey

Elizabeth Ogilvie, Environmental Artist

Astrid Ogilvie, Senior Scientist, Stefansson Arctic Institute; Fellow, INSTAAR

**MODERATOR/CHAIR**

Niels Einarsson, Director, Stefansson Arctic Institute

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**17:00 – 17:15 COFFEE BREAK**

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**17:15 – 18:45 BREAKOUT SESSIONS**

**17:15 – 18:45 THE ARCTIC AS A VENUE FOR U.S. AND ASIAN COOPERATION WITH RUSSIA**

*Organized by the RAND Corporation*

**Location:** Kaldalón, Harpa First Level

**SPEAKERS**

Mia Bennett, PhD Candidate, Department of Geography, UCLA; Founder, Cryopolitics.com: Shifting from West to East: Russian-Asian Cooperation in the Arctic.

Natalia Loukacheva, Canada Research Chair in Aboriginal Governance and Law, University of Northern British Columbia, Canada: Prospects for North American Cooperation with Russia in the Arctic.

Elana Wilson Rowe, Senior Research Fellow/Adjunct Professor, University of Nordland: Network diplomacy and Arctic Politics.

Jørgen Staun, Associate Professor, Institute for Strategy, Royal Danish Defense College, Copenhagen: Russian Arctic Policy.

Ekaterina B. Sokolova, Head of the East Asia Research Center, Center for Maritime International Studies of Admiral Nevelskoy Maritime State University, Russia: Russia's View Toward International Collaboration in Developing the Northern Sea Route.

Chair: Abbie Tingstad, Physical Scientist, RAND Corporation: The Arctic as a Venue for U.S. and Asian Cooperation with Russia.

### 17:15 – 18:45 JAPAN'S CONTRIBUTION: SCIENCE CHALLENGE WITH LOCAL RESIDENTS – TOWARD ARCTIC SUSTAINABLE LIFE

*Organized by the Ministry of Education, Culture, Sports, Science and Technology of Japan, and the Ministry of Foreign Affairs of Japan*

**Location:** Ríma A, Harpa First Level

#### SPEAKERS

Kazuko Shiraishi, *Ambassador in charge of Arctic Affairs, Ministry of Foreign Affairs of Japan*

Takahiro Hayashi, *Director, Ocean and Earth Division, Research and Development Bureau, Ministry of Education, Culture, Sports, Science and Technology of Japan*

Shin Sugiyama, *Associate Professor, Hokkaido University: The ice sheet/glacier-ocean interaction in Greenland.*

Shirow Tatsuzawa, *Assistant Professor, Hokkaido University: Ecological changes and adaptation of wildlife-human interaction in the Arctic under the global warming.*

Masanori Goto, *Post Doctoral Fellow, Slavic-Eurasian Research Center, Hokkaido University: Constructing of teaching materials of environment education related to local history in Siberia synthesizing cultural memories with scientific knowledge.*

#### CHAIR

Masao Fukasawa, *Professor, National Institute of Polar Research/Operating Executive Director, Japan Agency for Marine-Earth Science and Technology*

### 17:15 – 18:45 CLEANING THE (ARCTIC) OCEAN

*Organized by the Ministry of Foreign Affairs of the Netherlands*

**Location:** Hafnarkot, Harpa First Level

#### SPEAKERS

Susanne Kühn, PhD Student, Wageningen University Marine Research: The Northern Fulmar (*Fulmarus glacialis*) as an Indicator for Marine Plastic Pollution.

Lex Oosterbaan, Senior Adviser, Rijkswaterstaat, Ministry of Infrastructure and the Environment in the Netherlands: Dealing with Marine Litter, Green Deals and Crossing Borders.

Eelco Leemans, Founder/ CEO, Leemans Maritime Consultancy: Preventing Maritime Litter: Strategies to Prevent Marine Litter from Shipping and Fisheries.

#### 17:15 – 18:45 **BLUETECH INNOVATION FOR A SUSTAINABLE ARCTIC**

*Organized by the Fletcher School of Law and Diplomacy at Tufts University*

**Location:** Eyri, Harpa Second Level

##### **SPEAKERS**

Pór Sigfússon, Founder and CEO, Iceland Ocean Cluster House: Iceland Ocean Cluster House as a Blue Tech Innovation Model.

Halla Hrund Logadóttir, Louis Bacon Environmental Leadership Fellow at the Harvard Kennedy School of Government: Developing Renewable Energy in the Arctic - Successes and Challenges

Matthew Merighi, Executive Director and Co-Founder, Blue Water Metrics Inc: Data and BlueTech: A New Arctic Resource?

Jack Whitacre, Research Fellow, Institute for Global Maritime Studies Inc: Cyber-Security and BlueTech Innovation in the Arctic

Edward Anthes-Washburn, Executive Director, Port of New Bedford, Massachusetts: Sustainable Fishing and BlueTech Innovation in the Arctic

Andrew C. Hess, Professor of Diplomacy & Director, Program on Southwest Asia & Central Asia, Fletcher School of Law and Diplomacy at Tufts University: Sustainable Strategies for Offshore Oil & Gas Exploration in the Arctic.

Moderator: Rockford Weitz, Professor of Practice, Entrepreneur Coach & Director, Maritime Studies Program, Fletcher School of Law and Diplomacy at Tufts University

#### 17:15 – 18:45 **ARCTIC INVASIVE ALIEN SPECIES:**

##### **ACTING NOW TO PREVENT THE WORST**

*Organized by the Conservation of Arctic Flora and Fauna (CAFF) and the Protection of the Arctic Marine Environment (PAME) Working Groups of the Arctic Council*

**Location:** Skarðsheiði, Harpa Third Level

##### **SPEAKERS**

Gilbert Castellanos, International Affairs Specialist, US Fish and Wildlife

Service: Introduction to the Invasive Species and Placement Within Arctic Council Work.

Jamie Reaser, Executive Director, National Invasive Species Council (NISC) Secretariat, US Department of the Interior: The Arctic Invasive Species Strategy and Action Plan: Why it is Needed Now.

Soffía Guðmundsdóttir, Executive Secretary, PAME: Efforts Underway to Develop and Implement Measures for Early Detection, Monitoring Eradication and Control in the Marine Environment.

Sigurrós Friðriksdóttir, Advisor, Icelandic Environment Agency: Challenges in Addressing Invasive Alien Species in the Marine Environment: A National Perspective.

Tero Vauraste, President and CEO, Arctia Ltd; Vice-Chair, Arctic Economic Council: Three Industry Viewpoints on Invasive Species in the Arctic.

Moderator: Tom Barry, Executive Secretary, CAFF

## 17:15 – 18:45 THE RESOURCE DYNAMICS OF THE URBANIZED ARCTIC

*Organized by the GlobalArctic Project and the Northern Research Forum (NRF)*

**Location:** Silfurberg B, Harpa Second Level

### SPEAKERS

Melissa Harris, Project Manager, International Institute for Sustainable Development: Barriers and Best Practices for Sustainable Housing in the Canadian Arctic

Heather Nicol, Professor, Trent University: Resiliency in Northern Canada's Communities Based upon Evaluating the Canadian Geographical Literature on Rural Reinvigoration and Governance Capacity

Rachael Lorna Johnstone, Professor of Law, University of Akureyri: Free, Prior and Informed Consent in Large-Scale Development Projects in the Arctic "Greenland and the Arctic Council: Subnational regions in a time of Arctic Westphalianisation"

- Inuuteq Holm Olsen, Minister Plenipotentiary, Greenland Representation, Danish Embassy in Washington, DC
- Jessica M. Shadian, Senior Fellow, Bill Graham Centre for Contemporary International History, University of Toronto; Nansen Professor, University of Akureyri

Matthias Finger, Professor, Ecole Polytechnique Fédérale Lausanne (EPFL): Governments Helping TNCs to Grab Arctic Resources

Moderator: Lassi Heininen, Professor, University of Lapland

**17:15 – 18:45 CULTIVATING TRANS-ATLANTIC OCEAN FOODS ENTREPRENEURSHIP THROUGH INTERNATIONAL SCIENTIFIC AND EDUCATIONAL COOPERATION**

*Organized by the University of New England (UNE), New England Ocean Cluster, Holar University College, University of Akureyri*

**Location:** Esja, Harpa Fifth Level

**SPEAKERS**

Patrick Arnold, CEO, Soli DG: Achieving Full Utilization in the Ocean Economy.

Barry Costa-Pierce, Professor, Chair and Director of the Department of Marine Sciences, Marine Science Center, University of New England: New International Programs in Ocean Food Ecosystems.

Ögmundur Knútsson, Dean, School of Business and Science, University of Akureyri: Development and Opportunities in North-Atlantic Fish Industry.

Helgi Thorarensen, Professor of Aquaculture and Fish Physiology, Holar University College: Future Challenges to Aquaculture in the Arctic.

Glenn Page, President/CEO of SustainaMetrix, USA; Developmental Evaluator in Residence, Centre for Environmental Change and Human Resilience, University of Dundee, Scotland: Measuring Progress to Sustainability Through Complexity, Innovation and Learning.

Chair: Barry Costa-Pierce, Professor, Chair and Director of the Department of Marine Sciences, Marine Science Center, University of New England

**17:15 – 18:45 CORPORATE SOCIAL RESPONSIBILITY IN THE ARCTIC**

*Organized by the Emerging Leaders in Environmental & Energy Policy network*

*Coordinated and funded by the Atlantic Council and Ecologic Institute think tanks*

**Location:** Ríma B, Harpa First Level

**SPEAKERS**

Jóhanna Harpa Árnadóttir, Project Manager – CSR, Landsvirkjun  
Edvard Glücksman, Social & Environmental Specialist, Wardell Armstrong and University of Exeter

Victoria Herrmann, President and Managing Director, The Arctic Institute

Ketill Berg Magnússon, Managing Director, Festa - Icelandic Center for Corporate Social Responsibility

Chair: Stacy Closson, Associate Professor, Patterson School of Diplomacy and International Commerce, University of Kentucky; 2016 Core Fulbright U.S. Scholar

17:15 – 18:45 **SUSTAINABLE MARINE RESOURCES: A PIECE OF THE BLUE ECONOMY PUZZLE IN THE ARCTIC?**

*Organized by the North Atlantic Marine Mammal Commission, NAMMCO*

**Location:** Norðurljós, Harpa Second Level

**SPEAKERS AND PANELISTS**

Ásta Einarsdóttir, Chair of NAMMCO; Senior Legal Expert, Ministry of Industries and Innovation, Iceland: Introduction to NAMMCO

Grímur Valdimarsson, Senior Advisor, Ministry of Industries and Innovation, Iceland: The Use of Living Marine Resources: The Rules of the Game

Jóhann Sigurjónsson, Special Envoy on Ocean Affairs, Ministry for Foreign Affairs, Iceland: Science-based Use of Living Marine Resources.

Ditte H. Sorknæs, Chief Executive Officer, Great Greenland: The Economical and Societal Consequences of Trade Barriers on Inuit Communities.

Amalie Jessen, Head of Department, Greenlandic Ministry of Fisheries, Hunting and Agriculture

Jóannes V. Hansen, Head of Section, Foreign Service, Faroese Ministry of Foreign Affairs and Trade

*Roundtable discussion*

Chair: Martin Breum, Journalist and author

17:15 – 18:45 **WHAT'S GOING ON IN THE NORTH ATLANTIC?**

*Organized by the University of Iceland, The Icelandic Meteorological Office*

**Location:** Björtuloft, Harpa Fifth Level

**SPEAKERS**

Halldór Björnsson, Head of Atmospheric Research Group, Icelandic Met Office: The North Atlantic Cold Pool. A Short Biography.

Stefan Rahmstorf, Head of Earth System Analysis, Potsdam Institute for Climate Impact Research; Professor, Potsdam University: Evidence for a Significant Slowdown of the North Atlantic Overturning Circulation.

Ingibjörg Jónsdóttir, Professor University of Iceland: The Impact of the North Atlantic Cold Pool.

Steingrímur Jónsson, Professor of Oceanography at the University of Akureyri  
Héðinn Valdimarsson, Senior Research Scientist at the Marine Research Institute, Reykjavik

Chair: Oddur Sigurðsson, Geologist, Icelandic Met Office

17:15 – 18:45 **EMERGENCY PREPAREDNESS IN SMALL COMMUNITIES: PROJECT UPDATES**

Organized by the Institute of the North  
**Location:** Akrafjall, Harpa Fourth Level

**SPEAKERS**

Nils Andreassen, *Executive Director, Institute of the North*: Oil Spill Preparedness in Small Communities: A Circumpolar, Local Approach to Risk and Response

Tor Husjord, *CEO, Maritime Forum North, Norway*: Applied Research and Cooperation for Successful Search and Rescue Operations

Anthony Edwardsen, *President & CEO, Ukpeaġvik Iñupiat Corporation (UIC)*: Building Capacity within Local Communities: An Indigenous-Driven, Innovative Solution

**17:15 – 18:45 EXPLORING THE NEXUS OF HEALTH AND CLIMATE CHANGE IN ARCTIC INDIGENOUS COMMUNITIES**

Organized by *Ecologic Institute Berlin and the Ecologic Institute US*  
This session is kindly supported by *Konrad Adenauer Foundation and WWF*.  
**Location:** Stemma, Harpa First Level

**SPEAKERS**

Arne Riedel, *Fellow, Ecologic Institute*

Mikayla Duarte, *Meteorology Student, Northland College*

Carol Devine, *Humanitarian Advisor, Médecins Sans Frontières (Doctors Without Borders), Canada*

Mary Ehrlander, *Director, Arctic & Northern Studies Program, Professor of History, University of Alaska Fairbanks*

**Moderator:** Andreas Kraemer, *Senior Fellow, IASS Potsdam; Founder, Ecologic Institute*

**17:15 – 18:45 THE ROLE OF ARCTIC & GLOBAL THINK TANKS IN ARCTIC POLICY MAKING**

Organized by *Observatoire des Think Tanks/Think Tanks Observatory*  
**Location:** Main Hall, Þjóðmenningarhúsið (National Centre for Cultural Heritage)

**SPEAKERS**

Olivier Urrutia, *CEO, European Think Tanks Observatory, EU*: Hey, What is a Think Tank, Actually?

Timo Rautajoki, *President & CEO, Lapland Chamber of Commerce, Finland*: Think Tanks as Bridges Between the Arctic Business and Policy Worlds.

Aleqa Hammond MP, *Member of the Danish Parliament, Greenland*: Reflexions on the Influence of Think Tanks in Shaping Today and Tomorrow's Arctic.

Anželika Krastiņa, Lecturer, Lapland University of Applied Sciences, Finland:  
Case Study: "Think Barents" - an Arctic Think Tank  
Mikaa Mered, Chief Strategy Officer, European Think Tanks Observatory,  
EU: Presentation of the Observatory's Arctic & Antarctic Think Tanks  
Transparency Label.

**17:15 – 18:45 ARCTIC SECURITY: UNILATERALIZING ARCTIC SECURITY – NATIONAL SECURITY, MILITARY POLICIES, DEFENSE STRATEGIES, AND STATE SOVEREIGNTY IN THE GLOBALIZED ARCTIC**

*Organized by the Thematic Network on Geopolitics and Security*

**Location:** Silfurberg A, Harpa Second Level

**SPEAKERS**

Valery Konyshov, Professor, Saint Petersburg State University: Russian Expert Community about Military Threats to Russia's Security in the Arctic: Implications of the Ukrainian crisis

Mike Corgan, Associate Professor, University of Boston: Arctic Climate and the US Political Climate

Arttu Koskinen, University of Lapland, Finland: Tradition of Neutrality in the Finnish Security and Defence Policy after the Cold War

Marc Lanteigne, Senior Research Fellow (Asia), the Norwegian Institute of International Affairs: Looking for 'Win-Win': China's Developing Views of Arctic Multilateralism

Sandra Maria Rodrigues Balão, Researcher, Universidade de Lisboa: The Militarization of the Arctic, the Nordic Military Pact and the 21st Century Arctic Geostrategic Game

Moderator: Alexander Sergunin, Professor, Saint-Petersburg State University

**17:15 – 18:45 REMOTE RENEWABLE CASE STUDIES: PARTICIPATORY STAKEHOLDER ENGAGEMENT FOR A SUSTAINABLE FUTURE**

*Organized by WWF Canada, the WWF Arctic Programme and the Institute for Advanced Sustainability Studies (IASS)*

**Location:** Háaloft, Harpa Eighth Level

**SPEAKERS**

Farid Sharifi, Senior Specialist – Renewable Energy, WWF-Canada: WWF-Canada's recent efforts to implement three renewable energy projects in Canada's Arctic by 2020

Greg Poelzer, Executive Chair, ICNGD; Professor, School of Environment and Sustainability, University of Saskatchewan

Kåre Hendriksen, Associate Professor, Arctic Technology Department, Technical University of Denmark

Kirsti Mijnhijmer, Programme Manager, Northern Periphery and Arctic



Programme Secretariat

Chair: David Miller, President & CEO, WWF-Canada

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## **SUNDAY, OCTOBER 9 – PLENARY SESSIONS**

Location: Silfurberg, Harpa Second Level

08:00 – 12:00 REGISTRATION

08:00 – 08:45 COFFEE SOCIAL

08:45 – 09:15 ARCTIC ECONOMIC COUNCIL – THE WAY FORWARD

### **SPEAKERS**

Tero Vauraste, *President and CEO, Arctia Ltd; Vice-Chair, Arctic Economic Council*

Chan-woo Kim, *Ambassador for Arctic Affairs, Ministry of Foreign Affairs, Republic of Korea*

Natsuhiko Otsuka, *Professor, Hokkaido University Arctic Research Center, Japan*

Chair: Árni Þór Sigurðsson, *Ambassador, Senior Arctic Official of Iceland*

09:15 – 10:00 WHAT KIND OF ARCTIC DO WE NEED?

*An interactive discussion on Arctic climate change  
Organized by the Woods Hole Research Center*

#### ● MELTING LAND ICE AND SEA LEVELS

Philip Duffy, *President of WHRC and Former Senior Climate Analyst in the Obama Administration*

#### ● EXTREME WEATHER

Jennifer Francis, *Research Professor, Rutgers University Institute of Marine and Coastal Sciences*

#### ● PERMAFROST THAW

Sue Natali, *Associate Scientist, Woods Hole Research Center*

#### ● POLICY SOLUTIONS

Rafe Pomerance, *Deputy Assistant Secretary of State and Chairman of the Arctic 21 Network*

Moderator: William Moomaw, *Professor Emeritus of International*

*Environmental and Resource Policy, Fletcher School of Law and Diplomacy; Co-Director*

## 10:00 – 10:45 KEEPING ARCTIC WATERS SAFE: INTERNATIONAL COOPERATION

### *Safety, Security and Emergency Preparedness*

*Organized by the Norwegian Ministry of Foreign Affairs and the Maritime Preparedness and International Partnership in the High North (MARPART) Research Network / Nord University*

### WELCOME

*Cecilie Landsverk, Ambassador of the Kingdom of Norway to the Republic of Iceland*

### SPEAKERS

*Marit Berger Røsland, State Secretary to Minister of Foreign Affairs, Børge Brende, Norway: A Responsible Approach to Arctic Maritime Activity: Safety and Preparedness in the High North.*

*Odd Jarl Borch, Professor, Nord University, Bodø, Norway: Emergency Preparedness Challenges and the Need for Cross-Border Partnerships in the High North.*

### PANELISTS

*Commodore Sverre Nordahl Engeness, Commander of the Norwegian Coast Guard*

*Lawson Brigham, Distinguished Professor of Geography and Arctic Policy, International Arctic Research Center, University of Alaska Fairbanks*

*Jessica M. Shadian, Senior Fellow, Bill Graham Centre for Contemporary International History, University of Toronto; Nansen Professor, University of Akureyri*

*CHAIR: Arne O. Holm, Senior Advisor, Nord University, Bodø, Norway*

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## 10:45 – 11:00 COFFEE BREAK

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## 11:00 – 11:45 HIGH NORTH ATLANTIC SHIPPING AND TRADE

● *North America – Iceland – Greenland – Norway*

### SPEAKERS:

*Sara Pálsdóttir, Key Account Manager, Eimskip*

*John Henshaw, CEO, Maine Port Authority*

*Nils Arne Johnsen, Arctic Director, Ramboll*

*Cecilie Myrseth, Chair of Troms County Government, Troms County Council,*

Norway

Moderator: Nils Arne Johnsen, Arctic Director Ramboll

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#### 11:45 – 12:30 NETWORKING LUNCH

*In cooperation with the Icelandic farmers' cooperative Sláturfélag Suðurlands, SS; and the Icelandic dairy cooperative Mjólkursamsalan, MS*

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#### 12:30 – 13:40 ENVISIONING A FUTURE OF MENTAL WELL-BEING IN THE ARCTIC

##### SPEAKERS

Páll Matthíasson, MD, CEO, The National University Hospital of Iceland

Pamela Y. Collins, Director, Office for Research on Disparities and Global Mental Health, National Institute for Mental Health, United States

Gert Mulvad, Doctor of Health Research, Institute of Nursing and Health Science, Ilisimatusarfik (University of Greenland); Board Member, Circumpolar Health Research Network

Monica Ell-Kanayuk, Deputy Premier, Government of Nunavut

Doris Jakobsen, Minister of Health, Government of Greenland

Stephen M. Van Dine, Assistant Deputy Minister, Northern Affairs Organization, Indigenous & Northern Affairs Canada

Chair: Unnur Brá Konráðsdóttir, President of the West Nordic Council;  
Member of the Icelandic Parliament

#### 13:40 – 13:55 FAROE ISLANDS: VISION OF THE ARCTIC

##### KEYNOTE

Aksel V. Johannesen, Prime Minister of the Faroe Islands

Chair: Sigríður Huld Blöndal, Director, Arctic Circle

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#### 13:55 – 14:10 COFFEE BREAK

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## 14:10 – 14:55 STATUS OF EARTH OBSERVATIONS IN THE ARCTIC

### ● SYSTEMS AND INFRASTRUCTURE

Paul Arthur Berkman, *Professor, Fletcher School of Law and Diplomacy, Tufts University, United States*

### ● ATMOSPHERE

Jouni Pulliainen, *Head of the Arctic Research Unit, Finnish Meteorological Institute*

### ● OCEANS AND SEA ICE

Henning Wehde, *Head of Research and Advice Programme North Sea, Institute of Marine Research*

### ● BIODIVERSITY

Tom Barry, *Executive Secretary, Conservation of Arctic Flora and Fauna (CAFF), Arctic Council Working Group*

### ● SUMMARY

Larry Hinzman, *Professor, Vice Chancellor for Research, University of Alaska Fairbanks; Vice-Chair, SAON (Sustaining Arctic Observing Networks)*

Moderator: Barbara J. Ryan, *Secretariat Director, Group on Earth Observations*

## 14:55 – 15:30 ARCTIC RENEWABLE ENERGY NETWORK

Organized by NORA (The Nordic Atlantic Cooperation) and Bellona

### SPEAKERS

Frederic Hauge, *President and Founder, the Bellona Foundation, Norway*

Angus MacNeil, *MP, Chair of Select Committee on Energy and Climate Change, House of Commons, United Kingdom*

Ragnheiður Elín Árnadóttir, *Minister of Industry and Commerce, Iceland*

Moderator: Bogi Bech Jensen, *Professor of Energy Engineering; President of Glasir – Tórshavn College, Faroe Islands*

15:30 – 15:45 **REPORT: The GlobalArctic**

Organized by the GlobalArctic Project

*Speakers will be nominated in the Global Arctic Project's breakout sessions*

Chair: Lassi Heininen, *Professor, University of Lapland*

15:45 – 16:00 **ARCTIC INVESTMENT AND FINANCE STRUCTURES**

**SPEAKER**

*Angel Ferrero, Head of Division, Banks, Corporates, Financial Instruments,  
Baltic Sea and Northern Europe Department, European Investment Bank*

Chair: Dagfinnur Sveinbjörnsson, *CEO, Arctic Circle*

16:00 – 16:15 **REPORT: THE ARCTIC CIRCLE MISSION ON SHIPPING AND PORTS**

**SPEAKER**

*Mead Treadwell, former Lieutenant Governor of Alaska; President, Pt Capital*

Chair: Gísli Gíslason, *Port Director, Faxaflóahafnir, Iceland*

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16:15 – 16:30 **COFFEE BREAK**

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16:30 – 18:30 **BREAKOUT SESSIONS**

## SUNDAY, OCTOBER 9 – BREAKOUT SESSIONS

### 16:30 – 18:30 HIGH NORTH ATLANTIC SHIPPING AND TRADE

*Organized by Ramboll, Eimskip, Maine Port Authority, Troms County Council*

**Location:** Esja, Harpa Fifth Level

Sara Pálsdóttir, Key Account Manager, Eimskip

John Henshaw, CEO, Maine Port Authority

CHAIR

Nils Arne Johnsen, Arctic Director, Ramboll

### 16:30 – 18:30 ARCTIC SECURITY: (RE)DEFINING THE NEW NEXUS OF ARCTIC SECURITY – RESOURCES, ENERGY, THE ENVIRONMENT, CLIMATE CHANGE, REGIONAL DEVELOPMENT AND REGIONAL SECURITY COMPLEXES

*Organized by the Thematic Network on Geopolitics and Security*

**Location:** Björtuloft, Harpa Fifth Level

SPEAKERS

Maria Lagutina, Professor, St. Petersburg State University: Environmental  
Conflicts in the Arctic: a Myth or Reality?

Jonathan N. Markowitz, Assistant Professor, School of International Relations,  
University of Southern California: Arctic Shock: Utilizing Climate Change  
to Test Theories of Resource Competition

Barbora Padrtová, PhD Student, Masaryk University, Brno, Czech Republic:  
The Arctic Regional Security Complex? From Theory to Reality

“The Scalar Politics of Arctic Security”:

- Annika E. Nilsson, Senior Research Fellow, Stockholm Environment Institute; Affiliated Faculty, KTH Royal Institute of Technology
- Miyase Christensen, Professor of Media and Communication Studies, Stockholm University; Guest Professor, KTH Royal Institute of Technology

Rasmus Bertelsen, Professor, University of Tromsø – Norway’s Arctic  
University: Two Cases of Arctic Marine Governance in the International  
System: the Barents Sea and the Pacific Arctic

Moderator: Lassi Heininen, Professor, University of Lapland, Finland

16:30 – 18:30 COLD CLIMATE TECHNOLOGIES  
FOR SUSTAINABLE ARCTIC COMMUNITIES

Organized by the United States Department of Commerce, International Institute for Sustainable Development (IISD) and the Institute of the North

**Location:** Skarðsheiði, Harpa Third Level

PANELISTS

Gwen Holdmann, Director, Alaska Center for Energy & Power: Lab Services for Remote Micro Grid Technology & Deployment

Larry Cash, FAIA NCARB, President and CEO, RIM Architects of Alaska: Designing for the Arctic Environment

Elizabeth Pierce, CEO, Quintillion Networks: The Role of Data in Development, Both Community and Commercial

Nils Andreassen, Executive Director, Institute of the North: Lessons Learned from Alaskan Experience: A Review of Best Practices

Suzanne Cassolato, Research Engineer, Natural Resources Canada: Integrating Innovative Technologies into Shelters for Remote Northern Locations

Alec Khachatryan, Consultant, IISD: Barriers and Best Practices for Sustainable Housing Delivery Models

Lars Nelson, Vice President of UIC Lands, Ukpeaġvik Iñupiat Corporation: Infrastructure in the Alaskan Arctic - Barrow, Alaska

CO-CHAIRS

Mead Treadwell, President, PT Capital

Melissa Harris, Senior Researcher, IISD

16:30 – 18:30 SUSTAINABLE REGIONAL DEVELOPMENT IN THE NORDIC ARCTIC

Organized by Nordregio

**Location:** Ríma A, Harpa First Level

SPEAKERS

Anna Karlsdóttir, Senior Research Fellow at Nordregio: Bringing the message through from dialogues in local regions to national and Interregional policy level.

Leneisja Jungsberg, Research Fellow at Nordregio: Community involvement and youth perspectives on the future in the Nordic Arctic.

"New business opportunities – bio-economy, tourism and creative industries in the Nordic Arctic."

- Lise Smed Olsen, Research Fellow at Nordregio
- Anna Berlina, Research Fellow at Nordregio

Tim Heleniak, Senior Research Fellow at Nordregio: Newcomers to the North: International Migration into the Arctic.

16:30 – 18:30 CLIMATE REFUGEES, DIASPORA AND TOURISM  
IN THE NORTH ATLANTIC GATEWAY TO THE ARCTIC

*Organized by the Northgate network and the Centre for Arctic Policy Studies (CAPS) at the University of Iceland*

**Location:** Ríma B, Harpa First Level

**SPEAKERS**

Kristinn Schram, Assistant Professor in Ethnology, University of Iceland: The Northgate Network: Sociocultural Aspects of Climate Change.

Lau Øfjord Blaxekjær, Assistant Professor and Programme Director, University of the Faroe Islands: How Can West Nordic Diplomacy Respond to the Pressures from Climate Change, Migration, and New Business Opportunities?

Erna Kristín Blöndal, Director, Nordic Institute for Migration: Fleeing Because of Climate Change – Environmental Factors and Migration.

Guðrún Þóra Gunnarsdóttir, Director, Icelandic Tourism Research Centre: Sharing Space with Tourism.

Marc Lanteigne, Senior Research Fellow, NUPI: Suitcase Diplomacy: Soft Power and Asian Tourism in the Arctic.

**CHAIR:** Kristinn Schram, Assistant Professor in Ethnology, University of Iceland; Academic Coordinator, Northgate

16:30 – 18:30 THE NORTH ATLANTIC ENERGY NETWORK

*Organized by Nordic Atlantic Cooperation (NORA) committee of the Nordic Council of Ministers and the Bellona Foundation*

**Location:** Akrafjall, Harpa Fourth Level

**SPEAKERS**

Erla Björk Þorgeirsdóttir, Project Manager, Orkustofnun – National Energy Authority, Iceland: Key Findings: North Atlantic Energy Network 1.

Björgvin Skúli Sigurðsson, Executive Vice President, Marketing and Business Development, Landsvirkjun – National Power Company, Iceland: Icelink Benefits and Challenges.

Meinhard Eliassen, Energy Adviser, Faroese Energy Authority: The Faroese Connection: Benefits and Challenges.

Sigurd Enge, Manager, Shipping, Marine and the Arctic, the Bellona Foundation, Norway: Renewable Energy and Grid Development in the Arctic: the Svalbard Case.

Anders Kofoed-Wiuff, Partner, Ea Energy Analysis, Denmark: the Role of Interconnectors in the Low Carbon Transition

Magni Laksáfoss, Managing Director, VITorka: An Economist's View on Utilising Green Energy in Faroe Islands



## PANELISTS

Angus MacNeil, MP, Chair of Select Committee on Energy and Climate Change, House of Commons, UK

Guðni A. Jóhannesson, Director General, Orkustofnun – National Energy Authority, Iceland

Magni Laksafoss, Economic Analyst and MP, Faroe Islands

Anders Kofoed-Wiuff, Partner, Ea Energy Analysis, Denmark

Frederic Haug, Founder and President, Bellona, Norway

## Moderator:

Bogi Bech Jensen, Professor of Energy Engineering; President of Glasir – Tórshavn College, Faroe Islands

## 16:30 – 18:30 ARCTIC HIGH SEAS - BUILDING COMMON INTERESTS IN THE ARCTIC OCEAN

*Organized by Arctic Options*

**Location:** Kaldalón, Harpa First Level

## SPEAKERS

Kristina M. Gjerde, J.D., Senior High Seas Advisor, International Union for Conservation for Nature, United States

Christine Provost, Senior Scientist, Laboratoire d'Océanographie et du Climat, Université Pierre et Marie Curie, France

Joji Morishita, Professor, Department of Marine Policy and Culture; Head, Japanese delegation to A5+5 Meeting on High Seas Fisheries in the Central Arctic Ocean, Tokyo University of Marine Science and Technology, Japan

Alexander N. Vylegzhanin, Director, International Law Programme, MGIMO University, Russian Federation

Eero Hokkanen, Communications Manager, Arctia Ltd., Finland

## CO-CHAIRS

Paul Arthur Berkman, Professor Practice in Science Diplomacy, Tufts University, United States; Director, Arctic Futures Initiative, International Institute for Applied Systems Analysis

Oran R. Young, Professor Emeritus, University of California Santa Barbara, United States

16:30 – 18:30 POLAR LAW: THE LAW OF THE SEA – NAVIGATION

*Organized by University of Akureyri*

**Location:** Háaloft, Harpa Eighth Level

**SPEAKERS**

Alexander Sergunin, Professor of International Relations, St. Petersburg State University: Implementing the IMO's Polar Code: the Case of Russia.

Valery Konyshchev, Professor of International Relations at the St. Petersburg State University: International legal status of the Northern Sea Route: Discussions in the Western and Russian Expert Communities

Suzanne Lalonde, Professor of Law, University of Montreal: Cruising the Northwest Passage: What Can We Learn from the Management of the Crystal Serenity Voyage

Dorottya Bogнар, PhD Candidate, UiT – The Arctic University of Norway, Tromsø: The “Elephant in the Room”: Article 234 of the Law of the Sea Convention and the Polar Code as an Incompletely Theorized Agreement

Chair: Timo Koivurova, Professor of Law, Director of the Arctic Centre, University of Lapland