

## Program, Marine Invasive Species in the Arctic: Management Issues, Oct 24-26, 2013

**Primary Organizers:** Brooks A. Kaiser, Linda Fernandez, Niels Vestergaard

### **Keynote speakers**

Mike Gill, Vice-Chair, Group on Earth Observations – Biodiversity Observations Network.  
Special Advisor, Circumpolar Biodiversity Monitoring Program. (Whitehorse, CA)

Linda Fernandez, Assoc. Professor, Virginia Commonwealth University (Richmond, VA, USA)

A. Whitman Miller, Research Scientist, Smithsonian Environmental Research Center (Edgewater, MD, USA)

Brooks Kaiser, Professor, University of Southern Denmark, (Esbjerg, DK)

**Location:** DanHostel, Esbjerg, DK

### **Day 1: Thursday 24/10**

9:30 AM	<i>Registration and Coffee</i>
10:00 AM-10:30 AM	<i>Introduction to the workshop and participants</i>
10:30-12:00	Keynote 1, Mike Gill, Biodiversity Observations Network and CBMP, Canada Meeting the Challenge of a Changing Arctic
12:00 PM – 1:30 PM	<i>Lunch</i>
1:30 PM – 3:00 PM	Keynote 2, Linda Fernandez, Virginia Commonwealth U., USA Bioeconomic Factors for Preventing Invasive Species in the Arctic
3:00 PM – 3:30 PM	Coffee Break
3:30 PM - 5:00 PM	Presentations:  Jennie Folkunger, World Maritime Institute, Sweden World Maritime University and Arctic Invaders  Niemi Jarkko, MTT Finland, Combating aquatic invasive species: An optimization framework addressing prevention, mitigation and adaptation.  Joan Nymand Larsen, University of Akureyri, Iceland Marine invasive species: Issues and challenges in resource governance and monitoring of societal impacts
6:00 PM - 9:00 PM	Evening dinner/networking at Hotel Britannia, Torvegade 24, Esbjerg

## **Day 2: Friday 25/10**

- 9:00 AM - 10:30 AM Keynote 3, A. Whitman Miller, Smithsonian Institution, USA  
Melting Sea Ice, Accelerated Shipping, and Arctic Invasions: Polar Manifest Destiny or Sustainable Development
- 10:30 AM - 11:00 AM Coffee Break
- 11:00 AM-12:00 PM Presentations:  
Oliver Floerl, SINTEF Fisheries and Aquaculture, Norway  
Marine biosecurity in the Arctic region: challenges and perspectives for effective management using shipping and aquaculture as case studies
- Jan Sundet, Havforskningsinstituttet, Norway  
Spreading, stock development and management of the introduced red king crab in the Norwegian part of the Barents Sea
- 12:00 PM – 5:00 PM Lunch and Field trip. Wadden Sea
- 6:00 PM Dinner in Ribe/Networking

## **Day 3: Sat 26/10**

- 9:00 AM - 10:30 AM Presentations:  
Jan Sundet, Havforskningsinstituttet, Norway  
The invasive snow crab (*Chionoecetes opilio*), an expanding player in the Barents Sea ecosystem.
- Jon Olaf Olaussen, Trondheim Business School, Norway  
Adaptive harvest under invasive induced mortality
- Gudrun Thorarinsdóttir, Marine Research Institute, Iceland  
Marine invasive species in the Arctic: Icelandic Perspective
- 10:30 AM -11:00 AM Coffee Break
- 11:00 AM – 12:00 AM Presentation:  
Hans Ellefsen, Faroese Ministry of Fisheries, Faroe Islands  
Entry deterrence in the mackerel fishery
- Rasmus Gjedssø Bertelsen, Aalborg University, Denmark  
The International and Transnational Relations of Marine Resources in the North Atlantic and Arctic Ocean from the Pecheurs d'Islande to Asia's Interest in the Arctic
- 12:00 AM – 1:00 PM Lunch
- 1:00 PM – 2:00 PM Keynote 4 with discussion, Brooks Kaiser, SDU, DK  
Invasive Species Management Strategies: Adapting in the Arctic
- 2:00 PM – 3:00 PM Strategy discussions for targeted research collaborations
- 3:00 PM – 3:30 PM Coffee Break
- 3:30 PM -5:30 PM Roundtable discussions. Nordic challenges and strategies for invasive species management in the Arctic