

## **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 ( <i>Chionoecetes opilio</i> ), 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