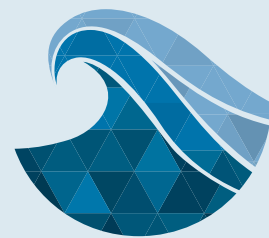


# Norwegian Workshop on Ocean Science and Technology



Topics: transport, polar, aquaculture, deep water technology  
*Meet university and industry for future collaboration*

**Date: September 23, 2015**

**Time: 11:15–16:45**

**Venue: Renaissance Brussels Hotel (Rue du Parnasse 19)**

## PROGRAMME

### 11.15–11.45 Ocean research at NTNU and UiB

- *Ocean research at NTNU.* Prof. Ingrid Schjølberg, NTNU Oceans
- *Marine research at UiB.* Prof. Jarl Giske, UiB

### 11:45–13:00 Aquaculture and innovation – public-private collaboration

- *Technology platforms as drivers for innovation*  
Courtney Hough, European Aquaculture Technology and innovation Platform, EATiP
- *Closed-containment aquaculture – new strategies for sustainable production of Atlantic salmon*  
Prof. Sigurd Stefansson, UiB
- *Environmental interactions of sea based aquaculture*  
– *Cooperation between the aquaculture industry and the university*  
Prof. Kjell Inge Reitan, NTNU
- *Innovation through collaboration – experiences from the aquaculture sector*  
Trude Olafsen, AKVA Group / Bård Skjelstad, SalMar

### 13:00–13:30 Lunch

### 13:30–14.30 Ocean technologies – international collaboration

- *Ocean research collaboration opportunities on a bilateral and European level*  
– *Experiences and recommendations*  
Pier Francesco Moretti, National Research Council of Italy, CNR
- *Ocean technologies and future challenges*  
Thor Hukkelås, Kongsberg Maritime
- *Autonomous systems for maritime operations*  
Prof. Joao Sousa, University of Porto
- *Experiences from marine transport*  
Prof. Bjørn Egil Asbjørnslett, NTNU

**14:30–15:00 Break**

**15:00–16:00 Marine minerals – cross-sectoral trends and opportunities**

- *Pilot action at JPI Oceans John Hanus*  
German Marine Research Consortium, KDM
- *Quantifying resources and understanding the environment using novel technology*  
Prof. Rolf Birger Pedersen, UiB
- *Exploration and resource estimations*  
Prof. Steinar Ellefmo, NTNU
- *Polar resources and opportunities*  
Prof. Ståle Emil Johansen, NTNU

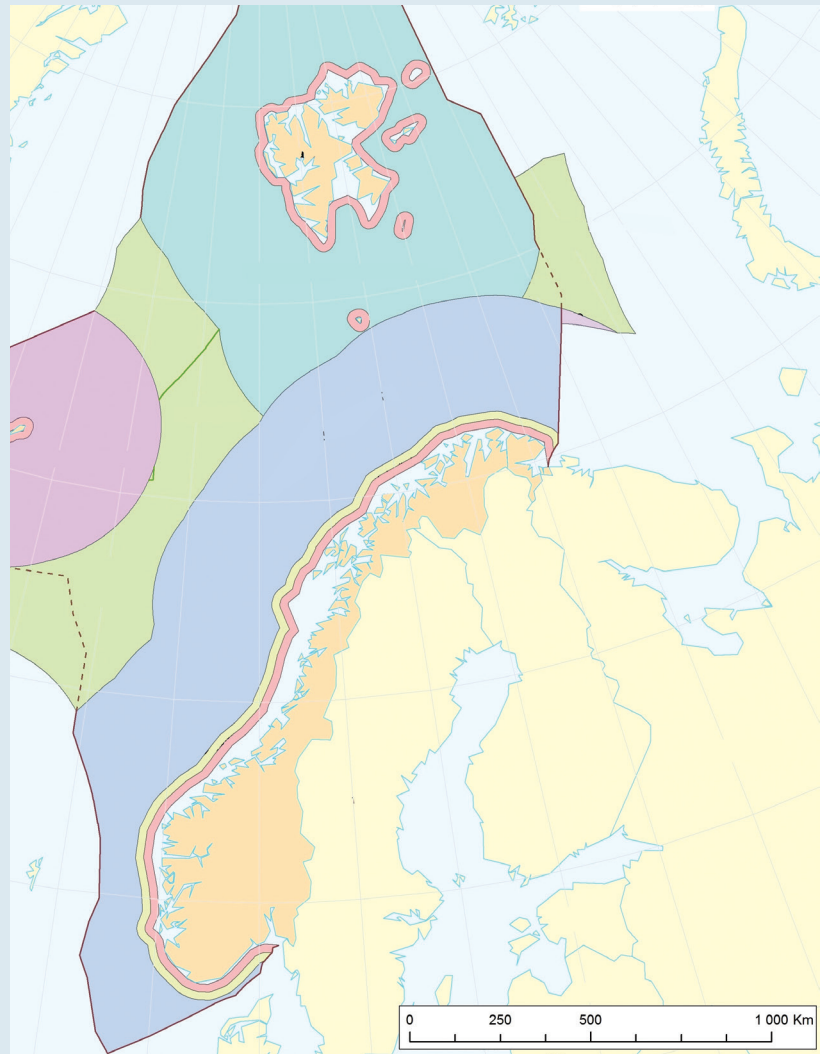
**16:00–16:30**

**Climate research – cross-sectoral trends and opportunities**

- *Changes in Polar Hydroclimate*  
Prof. Jostein Bakke, UiB
- *The Pacific Ocean as a climate change frontline: Anthropology and Meteorology*  
Prof. Edvard Hviding /  
Prof. Noel Keenlyside, UiB

**16:30–16:45**

**Discussion and final conclusions**



**Sign-up:**

**<https://survey.svt.ntnu.no/TakeSurvey.aspx?PageNumber=1&SurveyID=l4LHlp53&Preview=true>**