



Royal Flemish Academy of Belgium for Sciences and the Arts, Hertogsstraat 1, 1000 Brussels

PROGRAMME

Moderator: David Shukman, BBC Science Editor

08:20 – 09:00 Registration and welcome coffee

09:00 – 09:20 Opening statements

- Peter Haugan, Vice-Chair, European Marine Board
- Harald Loeng, Chair, European Polar Board
- Naja Mikkelsen, Geological Survey of Denmark and Greenland /
Third International Conference on Arctic Research Planning (ICARP III)

09:20 – 09:30 David Shukman, Moderator's introduction

Session 1: Living with a Changing Arctic Ocean

09:30 – 09:55 Ice2Sea: Glacier melting and Sea level rise from the European perspective

David Vaughan, British Antarctic Survey (BAS)

09:55 – 10:20 Records of past and present contamination in the Arctic

Carlo Barbante, Institute for the Dynamics of Environmental Processes, Italian National Research Council (CNR)

10:20 – 10:45 Footprints of climate change in Arctic marine ecosystems

Paul Wassmann, University of Tromsø

10:45 – 11:00 Discussion

11:00 – 11:30 Networking and coffee

Session 2: Arctic Ocean Observation - the key to sustainable management

11:30 – 11:50 Tracking Arctic sea ice loss

Stein Sandven, European Space Agency (ESA) - Climate Change Initiative on Sea Ice

11:50 – 12:10 Arctic biodiversity assessment: from plan to action during times of rapid environmental change

Kári Fannar Lárusson, Arctic Council, Conservation of Arctic Flora and Fauna (CAFF)

12:10 – 12:30 Arctic Seafloor Observatories

Antje Boetius, Alfred Wegener Institute for Marine and Polar Research (AWI)

12:30 – 12:45 Discussion

12:45 – 13:45 Lunch

Session 3: Utilizing and managing Arctic Ocean resources

13:45 – 14:10 Arctic fisheries – present shifts and future perspectives

Paul Connolly, President, International Council for the Exploration of the Sea (ICES)

14:10 – 14:35 The Industry perspective of Arctic Oil and Gas Exploration

Robert Blaauw, Shell Den Haag and International Association of Oil and Gas Producers (OGP)

14:35 – 15:00 Arctic shipping

Paul Berkman, University of California, Santa Barbara

15:00 – 15:30 Networking and coffee

15:30 – 16:30 Panel discussion: Can industry and science work together to achieve sustainable management of the Arctic Ocean?

- David Vaughan, British Antarctic Survey (BAS)
- Robert Blaauw, Shell Den Haag and International Association of Oil and Gas Producers (OGP)
- Paul Berkman, University of California, Santa Barbara
- Kurt Vandenberghe, European Commission DG Research and Innovation
- Karin Lochte, Alfred Wegener Institute for Marine and Polar Research (AWI)
- Martha McConnell, International Union for Conservation of Nature (IUCN)
- Peter Pissierssens, Intergovernmental Oceanographic Commission of UNESCO, Project Office for International Oceanographic Data and Information Exchange (IODE)

16:30 – 16:45 Final statements & closing remarks



The European Marine Board and European Polar Board operate in association with the European Science Foundation

www.esf.org

The organizers gratefully acknowledge the contribution of the UK National Oceanography Centre (NOC) towards the running costs of the 4th Forum

<http://noc.ac.uk/>

The 4th EMB Forum is an official ICARP III event
<http://icarp.arcticportal.org>



3RD INTERNATIONAL CONFERENCE ON ARCTIC RESEARCH PLANNING

Organizers

The European Marine Board facilitates enhanced cooperation between European organizations involved in marine science (research institutes, research funding bodies and nationally-based consortia of third-level institutes) towards development of a common vision on the research priorities and strategies for marine science in Europe. Representing 36 member organizations from 19 countries, the European Marine Board provides a unique forum within which marine research policy advice to national agencies and to the European institutions is developed, with the objective of promoting the establishment of the European marine Research Area. www.marineboard.eu

The European Polar Board is a strategic advisory body on science policy in the Polar Regions, acting as a voice and high-level facilitator for cooperation between European national funding agencies, national polar institutes and research organizations. Bringing together 25 members from national operators and research institutes in 19 countries, the EPB is playing a central role in the coordination and management of Polar Initiatives at a European level. Furthermore, the EPB is actively liaising with major polar programmes outside Europe including those in the USA, Russia and Canada. www.esf.org/epb