



International Workshop on The Climate Challenge in the Arctic Environmental impacts, new opportunities and future policy options

May 6th, 2013

ICCG, Island of San Giorgio Maggiore, Venice, Italy

About the Workshop

Recent data shows that arctic sea ice is melting faster than originally predicted. Within the next decade, polar warming may transform the Arctic region from an inaccessible frozen desert into a seasonally navigable ocean, opening the way to new economic opportunities, most notably increased oil and gas extraction, shortened shipping routes and improved fishing and touristic activities. Such a prospect is drawing the attention of both Arctic and non-Arctic states but at the same time concerns over the environmental, political, economic and cultural implications that these rapidly changing conditions could trigger are increasing.

The workshop will open with an overview of the main drivers of change and their impacts in the Arctic marine area. The emerging economic opportunities and the role of key stakeholders will be subsequently explored. In addition, an overview of the international regulatory and governance regime in the Arctic will be provided, taking into account existing gaps and potential challenges. Finally, the workshop will bring together the above aspects to explore future policy options to address security issues in the region.



Agenda

Monday, May 6th, 2013

10:30 – 10:50 *Registration*

10:50 – 11:00 **Welcome Address**

Carlo Carraro, ICCG and Ca' Foscari University of Venice, Italy

11:00 – 12:30 **SESSION 1 - Drivers and Impacts of Climate Change in the Arctic**

Chair: Silvio Gualdi

11:00 – 11:30 **The Disappearing Arctic Sea Ice: Progress, Mechanisms and Feedbacks**

Peter Wadhams, University of Cambridge, UK

11:30 – 12:00 **The Anthropocene: fate and impacts of contaminants in the Arctic**

Carlo Barbante, Ca' Foscari University of Venice, Italy

12:00 – 12:30 Open discussion

Introduction by Silvio Gualdi, CMCC, Italy

12:30 – 13:30 *Lunch*

13:30 – 15:00 **SESSION 2 - New Economic Opportunities in the Arctic Region**

Chair: Daniel Atzori

13:30 – 14:00 **The impact of climate change on human activities in the Arctic: opportunities and challenges**

Katrin Rehdanz, University of Kiel, Germany

14:00 – 14:30 **The Arctic's resource potential: a geopolitical perspective**

Klaus Dodds, Royal Holloway, University of London, UK

14:30 – 15:00 Open discussion

Introduction by Daniel Atzori, FEEM and AGI, Italy

15:00 – 15:30 *Coffee break*

15:30 – 17:00 **SESSION 3 - International Environmental Governance in the Arctic Marine Area: Current and Future Policy Options**

Chair: Adele Airoidi

15:30 – 16:00 **Changers and Stabilizers in Arctic Environmental Governance**

Olav Schram Stokke, Fridtjof Nansen Institute (FNI) and University of Oslo, Norway

16:00 – 16:30 **Governance Aspects in the Arctic Marine Area**

Arne Riedel, Ecologic Institute, Germany

16:30 – 17:00 Open discussion

Introduction by – Adele Airoidi, Weatherhead Center for International Affairs, Harvard University, USA

17:00 End of the Workshop