

# Second ART workshop: Integrating spatial and temporal scales in the changing Arctic System: towards future research priorities

- 21-24 October 2014, at IUEM, France
- Co-organised by **ART** (Arctic in Rapid Transition), **IUEM** (European Institute for Marine Studies) and **APECS** (Association of Polar Early Career Scientists).
- Discussion on integration of **spatial and temporal scales in the Arctic** to better understand the changing Arctic system as a whole.
- **Future directions of Arctic research** from an early career scientists' perspective.



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- 76 participants, 60% early/mid career scientists, 13 countries.
- **Multidisciplinary** (biological and physical oceanography, sea ice, marine biodiversity, land-ocean interactions, paleo-reconstruction and biological archives, law and economics, sustainability and resources).
- **Keynote and breakout sessions.**
- Results of the workshop to be summarized in the form of **priority sheets** and will be **presented** at the 3rd International Conference on Arctic Research Planning (ICARP III) in Toyama, Japan in April 2015.



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## **ART Future Research Priority Sheets: a contribution to the ICARP III process**

- ARCTIC BIODIVERSITY
- ARCTIC OCEANOGRAPHY
- PHYSICAL PROCESSES IN ARCTIC SEA ICE
- ARCTIC LAND-OCEAN INTERACTIONS
- PROXY CALIBRATION AND EVALUATION
- PALEOCEANOGRAPHIC TIME SERIES FROM ARCTIC SEDIMENTS
- LAW IN THE ARCTIC

**Approaches and recommendations**