

Developing Long Term International Collaboration on Climate Change Research and Monitoring in the Arctic Ocean

Workshop Organizers

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Royal Netherlands Institute for Sea Research

NIOZ, Texel, The Netherlands

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POCs

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- Discuss the international goals for Arctic research programs and the opportunities for collaboration
- Integration of Arctic tundra, permafrost and coastal science issues related to climate change, petroleum and methane hydrate exploration, shipping, and ecosystem remediation.
- Establish a comprehensive data base of existing marine and terrestrial data from tundra, permafrost, atmospheric and coastal monitoring and research.
- Setup an international consortium of participating nations with timeline plans for program development.
- Determine key ocean and tundra regions for future monitoring and experimental plans
- Plan a long term in situ monitoring program that will be coupled with field calibration and experiments.
- Organize a long term monitoring data acquisition plan that considers parameters, regions and frequency.