

ICARP III Activity - Reporting Template



Title of activity Second ART workshop: Integrating spatial and temporal scales in the changing Arctic System: towards future research priorities		
Type of activity Workshop	Date 21-24 October 2015	Place Plouzané, France
Main organizer(s) (name and/or organization) and additional partners Arctic in Rapid Transition Network		
Abstract¹ The Arctic in Rapid Transition (ART) network in cooperation with the Association of Polar Early Career Scientists (APECS) and European Institute for Marine Science (IUEM) organized an international multidisciplinary science workshop “Integrating spatial and temporal scales in the changing Arctic System: towards future research priorities” (ISTAS) in October 2014. The workshop aimed at discussing future priorities of Arctic research from an early career scientists’ perspective. In total, 76 scientists from thirteen different countries participated in the workshop, 60% of them were early to mid-career researchers. In plenary and parallel sessions, trends and variability in the Arctic marine and coastal systems were reviewed over various spatial and temporal scales in order to better understand the presently changing Arctic system as a whole. Participants presented the newest results of their ongoing research, which eventually fed into comprehensive discussions on future Arctic research priorities on biological and physical oceanography, sea ice, marine biodiversity, land-ocean interactions, paleo-reconstruction and biological archives, as well as law and economics. Here we present the fact sheets, the main outcome of the workshop which highlights the research directions from the perspective of early career scientists. This is of great importance to ensure the involvement of the next generation of Arctic researchers and their contribution to the ICARP III process.		
Main contributions to ICARP III² in terms of the ICARP III priorities³ Due to the active involvement of all participants as well as their collegiality, the ISTAS workshop has been a great success, in particular with regards to the initiation of discussions amongst scientists from various disciplines hereby gaining a much broader perspective into the different aspects of current changes in the Arctic Ocean. The huge enthusiasm among the group of early, mid-career and senior scientists was palpable and ensures future initiations of mutual interdisciplinary cooperations and projects to address the ideas summarized in priority sheets that will be presented at ICARP iii.		

¹ Provide a short summary of the activity

² List a few key statements (findings, priorities, recommendations) that you would like to see reflected in the overarching ICARP III products

³ ICARP III priorities:

- identify Arctic science priorities for the next decade
- coordinate various Arctic research agendas
- inform policy makers, people who live in or near the Arctic and the global community
- build constructive relationships between producers and users of knowledge