

ICARP III Activity - Reporting Template



Title of activity ArcticSTAR: Solution-oriented, TrAnsdisciplinary Research for a Sustainable Arctic		
Type of activity Future Earth seed project	Date 2014-2015	Place Pan-Arctic
Main organizer(s) (name and/or organization) and additional partners		
<ul style="list-style-type: none"> • Prof. V. Faye McNeill, Columbia University, New York, NY, USA • Prof. Ilan Chabay, Institute for Advanced Sustainability Studies, Potsdam, Germany • Dr. Donald Forbes, Bedford Institute of Oceanography, Dartmouth, NS, Canada • Prof. Trevor Bell, Memorial University of Newfoundland, St. Johns, NL, Canada • Dr. Kathrin Keil, Institute for Advanced Sustainability Studies, Potsdam, Germany • Dr. Paty Matrai, Bigelow Laboratory for Ocean Sciences, E. Boothbay, ME, USA • Prof. Maribeth Murray, Arctic Institute of North America, Calgary, AB, Canada • Prof. Peter Schlosser, Columbia University, New York, NY, USA <p>Additional partners: ISAC, CACCON, OASIS/AICI, HiT, BEPSII, ASP, ArcticNET, AINA, CRAICC, PEEX, SVALI, DEFROST, NORDFROST, CliC, CLIVAR, DBO, SEARCH, Future Earth Coasts (formerly LOICZ), IASC, IASSA, AACA, IPA, ACD, IASS, KLSC, ESG</p>		
Abstract¹		
<p>The overarching goal of the ArcticSTAR initiative is to develop and facilitate solutions-oriented, stakeholder-engaged, transdisciplinary approaches to Arctic research. These approaches will ultimately generate critical knowledge from diverse sources on the Arctic system, its change, and how it will impact the physical, biological, socioeconomic, and sociocultural domains. The resulting knowledge will be used to design solutions to pressing real-world problems that enable Arctic societies to prepare for and respond effectively to the wide range and diversity of change and to embark on pathways towards a sustainable future. ArcticSTAR activities span multiple time and space scales and include local to pan-Arctic geographical domains integrated into the global setting of the Arctic region. This project brings together several existing Arctic research programs from the natural and social sciences through seed funding provided by Future Earth.</p>		
Main contributions to ICARP III² in terms of the ICARP III priorities³		
<ul style="list-style-type: none"> - Science for sustainable solutions should be a priority - Science planning and design of research should be closely linked to local and regional priorities - True integration of stake- and rights-holders (including communities, policymakers, practitioners, and private sector) at every stage of the research process is needed - Transfer of knowledge between basic/applied science communities and stakeholders/end-users 		

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

