

ICARP III Activity - Reporting Template



<p>Title of activity</p> <p style="text-align: center;">Culture and Arctic Climate Change: Integrating Long-Term Perspectives from Archaeology and the Environmental Sciences</p>		
<p>Type of activity</p> <p>IASC Workshops</p>	<p>Date (s)</p> <ul style="list-style-type: none"> • May 2014 (external funds) • December 2014 (IASC Funds) • May 2015 (IASC Funds) 	<p>Place (s)</p> <ul style="list-style-type: none"> • Yale University • American Geophysical Union (AGU) Fall Meeting • Canadian Archaeological Association (CAA)
<p>Main organizer(s) (name and/or organization) and additional partners:</p> <p>Professor Max Friesen (Chair, Polar Archaeology Network (PAN) / Department of Anthropology, University of Toronto); Professor Peter Jordan (*lead contact *) (Arctic Centre, University of Groningen); Dr. Mary-Louise Timmermans (Yale University).</p>		
<p>Abstract¹</p> <p>The overarching goal of this IASC initiative is launch a new program of research that makes greater use of archaeological data to examine the <i>long-term</i> role of humans in the pan Arctic environmental system. Much current research and debate is focused on understanding <i>contemporary</i> climate change and its impacts on <i>modern</i> society. Other important efforts are directed at studying interactions between climate, oceans, the cryosphere and biosphere, and these focus on understanding present and future, but also the <i>past</i> states of the dynamic Arctic system. In contrast, much less has been done within the current IASC framework to insert people into this complex pattern of long-term environmental change.</p> <p>This initiative will develop a better 'long view' of human existence in the highly dynamic Arctic ecosystem (both in terms of fragility and also cultural resilience and sustainability). Activities consist of:</p> <ul style="list-style-type: none"> • 'Scoping' workshop at Yale University (run by Dr. Mary-Louise Timmermans with external funds) • Main IASC session at AGU Meeting, Fall 2014 (IASC funds) • Second IASC session at CAA Conference, May 2015 (IASC funds) <p>These will workshops lead to a main scientific publication (journal special issue) and an interim report to ICARP III in the form of a conference paper.</p>		

¹ Provide a short summary of the activity

Main contributions to ICARP III² in terms of the ICARP III priorities³

This IASC initiative is led by the Polar Archaeology Network (PAN) and is timed to coincide with ICARP III activities and aims to produce a new set of comparative insights into *long-term* human responses to Arctic climate change.

It builds on current IASC structures and activities but tackles a major gap in current inter-disciplinary research – the *long-term* role played by humans living within dynamic circumpolar environments.

The proposed activities will identify research priorities for the next decade. These priorities draw on complementary Arctic science plans, as well as the current activities of other IASC WGs and Networks, but will use Arctic Archaeology as the 'bridge' to integrate these diverse research agendas.

The outcome will be deeper and more detailed understanding of diversity and change in strategies, impacts and outcomes of human adaptations in relation to Holocene climate change across the entire Arctic system during the full extent of the Holocene.

Importantly, outside of the polar regions, archaeology has already demonstrated its potential for illumination of human responses to major global and regional environmental change events, particularly with respect to small-scale cultural responses to changes in local ecosystems. Such an approach has yet to be developed across the circumpolar Arctic.

The proposed activities have been designed to achieve maximum 'exposure' in the wider community and engage the widest possible range of partners in shaping the future of Arctic research needs, and will feed directly into the ICARP III planning process.

The main scientific publication (a journal special issue) and general reports to ICARP III will represent a new synthesis of research into the longer-term archaeological dimensions of Arctic climate change. This will highlight gaps in knowledge and also new research opportunities that can be tackled with large interdisciplinary projects over the next decade and beyond.

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