



INTERNATIONAL ARCTIC
SCIENCE COMMITTEE

SPRING 2014

IASC PROGRESS

Integrating Arctic Research - a Roadmap for the Future

With this special issue of its newsletter "Progress", IASC is providing an update on the development of the third International Conference on Arctic Research Planning (ICARP III). Over the last months, a number of international organizations joined the ICARP III process and agreed to contribute to the overall objectives of ICARP III, namely to

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

Beginning with the formal launch at the Arctic Science Summit Week (ASSW) 2014 in Finland next month, the ICARP III program will include a series of meetings and events during 2014-2015. The final ICARP III product, i.e. a consensus statement providing a roadmap for research priorities and partnerships, will be presented at the main ICARP III conference held during the ASSW 2015 in Japan.

The outcomes of ICARP III will also be linked to the conclusions of the forward-looking **Horizon Scan** being conducted by the Scientific Committee on Antarctic Research (SCAR) and identify contributions to the development of the International Polar Partnership Initiative (IPPI).



3RD INTERNATIONAL CONFERENCE
ON ARCTIC RESEARCH PLANNING



ICARP III Launch at the ASSW 2014

ICARP III will be formally launched at the ASSW 2014, which will be held in Helsinki, Finland, on 5-11 April 2014. The kick-off event will be during the ASSW 2014 Common Day on 8 April 2014, 14.00-18.00.

Tentative Program

Plenary: ICARP III background and objectives

Panel 1: Climate System and Transformations

Panel 2: Observing, Technology, Logistics, Services

Panel 3: Societies and Ecosystems

Plenary: IASC Medal Lecture

Plenary: Invitation to Toyama

Plenary: Concluding remarks

www.assw2014.fi

ICARP III Final Conference at the ASSW 2015

The ASSW 2015 will be held at the Toyama International Conference Center in Toyama, Japan, on 23-30 April 2015. It will include the final ICARP III Conference and 4th International Symposium on the Arctic Research (ISAR-4).

Tentative Program

23-25 April – ASSW Business Meetings

26 April – Public Lecture, Excursion

27 April – ICARP III

28-29 April – ICARP III and ISAR-4

30 April – ISAR-4

Important Dates

September 2014 – Registration open

February 2015 – Early Bird Registration close

www.assw2015.org



ICARP III Events & Activities

On the following two pages, we are providing an overview of currently planned ICARP III events and activities. The list is still growing as more events, in particular by ICARP III partner organizations, are being planned and a constantly updated portfolio will be available on the **ICARP III website**.

The color code used in the below ICARP III calendar of events and activities refers to the themes:

Theme 1:

Climate System and Transformations

Theme 2:

Observing, Technology, Logistics, Services

Theme 3:

Societies and Ecosystems

Theme 4:

Outreach and Capacity Building

currently planned ICARP III Events and Activities (SPRING / SUMMER 2014)

12 March 2014:

4th European Marine Board Forum Arctic 2050 – Toward ecosystem-based management in a changing Arctic Ocean, Brussels, Belgium

Symposium organized by European Marine Board / European Polar Board (EMB/EPB)

6-7 April 2014:

Permafrost Dynamics and Indigenous Land Use, Helsinki, Finland

Workshop organized by IASC Social & Human WG / Partners: IASC Cryosphere and Terrestrial WGs

8 April 2014:

Common Day at Arctic Science Summit Week 2014, Helsinki, Finland

Symposium organized by IASC and ICARP III Partner Organizations

10 April 2014:

Technology and Innovation Session at Arctic Observing Summit, Helsinki, Finland

Session organized by Forum of Arctic Research Operators (FARO)

April 2014:

Arctic Coastal Communities Observatory Network (AC-CON), Denmark, location TBD

Workshop organized by IASC Network Arctic Coastal Dynamics (ACD)

Partners: All IASC WGs, Land-Ocean Interactions in the Coastal Zone (LOICZ), International Arctic Social Sciences Association (IASSA)

Theme 1:

*Climate System
and Transformations*

Theme 2:

*Observing, Technology,
Logistics Services*

Theme 3:

*Societies
and Ecosystems*

Theme 4:

*Outreach
and Capacity Building*

5-6 May 2014:

Arctic Freshwater Synthesis - Network and science integration, Stockholm, Sweden

Writing Team Workshop organized by IASC Network Arctic Freshwater Synthesis (AFS)

Partners: All IASC WGs, Climate and Cryosphere (CliC), Arctic Monitoring and Assessment Programme (AMAP)

23 May 2014:

Townhall at 8th International Congress of Arctic Social Sciences, Prince George, Canada

Townhall meeting organized by International Association of Social Sciences (IASSA)

May 2014:

Arctic snow cover changes and their consequences, Denmark, Copenhagen

Workshop organized by IASC Terrestrial WG / Partners: All IASC WGs, Climate and Cryosphere (CliC), INTERACT, Association of Polar Early Career Scientists (APECS)

May 2014:

Culture and Arctic Climate Change - Integrating Long-Term Perspectives from Archaeology and the Environmental Sciences, New Haven, USA: Workshop organized by IASC Social & Human WG / Partners: All IASC WGs, IASC Polar Archeology Network, Association of Polar Early Career Scientists (APECS)

May 2014:

Palaeo-Arctic Spatial and Temporal Gateways (PAST Gateways): a multidisciplinary, pan-Arctic network researching Arctic palaeoclimate, Trieste, Italy

Conference organized by IASC Network PAST Gateways / Partners: IASC Marine, Cryosphere, Terrestrial and Atmosphere WGs, University of the Arctic, Association of Polar Early Career Scientists (APECS)

May / June 2014:

APECS – Where are they now?, Tromsø, Norway

Writing Team Workshop organized by Association of Polar Early Career Scientists (APECS)

Partners: All IASC WGs, Climate and Cryosphere (CliC)

18 June 2014:

Permafrost Young Researchers Workshop, Evora, Portugal

Workshop organized by Permafrost Young Researchers Network (PYRN)

Partners: Association of Polar Early Career Scientists (APECS), International Permafrost Association (IPA)

19 June 2014:

Townhall at 4th European Conference on Permafrost, Evora, Portugal

Townhall meeting organized by International Permafrost Association (IPA)

Summer 2014:

Geology of the Arctic – A new synthesis, Potsdam, Germany

Writing Team Workshop organized by IASC Action Group on Geosciences

Partners: IASC Marine, Terrestrial and Social & Human WGs

2014 / 2015: Planning for MOSAiC – the Multidisciplinary drifting Observatory for the Study of Arctic Climate, various locations

Planning meetings organized by IASC Atmosphere WG / Partners: IASC Cryosphere and Marine WGs and various partner organizations

2014 / 2015: ICARP III FrostBytes - Soundbytes of Cool Research

Communication Activity organized by Association of Polar Early Career Scientists (APECS) / Partners: All IASC WGs, Climate and Cryosphere (CliC)

2014 / 2015: Community Consultation on Arctic Research Priorities

Consultation Process organized by the University of the Arctic / Partners: Arctic Council Indigenous Peoples Secretariat (IPS)

currently planned ICARP III Events and Activities (FALL / WINTER 2014 & 2015)

4-7 September 2014:

Arctic Science in Globalization: Beyond IPY 2007-2008, Reykjavik, Iceland

Session at Arctic Circle Conference organized by Northern Research Forum (NRF)

September/October 2014:

Arctic Freshwater Synthesis - Network and science integration, location TBD

Writing Team Workshop organized by IASC Network Arctic Freshwater Synthesis (AFS)

Partners: All IASC WGs, Climate and Cryosphere (CliC), Arctic Monitoring and Assessment Programme (AMAP)

21-24 October 2014:

Integrating spatial and temporal scales in the changing Arctic System: towards future research priorities (ISTAS)

Workshop organized by IASC Network Arctic in Rapid Transition (ART)

Partners: All IASC WGs, Association of Polar Early Career Scientists (APECS), Permafrost Young Researchers Network (PYRN)

Fall 2014:

Rapid Arctic Transitions due to Infrastructure and Climate Change (RATIC), location TBD

Workshop organized by IASC Terrestrial WG

Partners: IASC Cryosphere and Social & Human WGs

Fall 2014:

Seasonal Ice Cover in the Arctic Ocean: changes and consequences, location TBD

Workshop organized by IASC Marine WG

Partners: IASC Cryosphere and Atmosphere WGs

Fall 2014:

Greenland Ice Sheet / Ocean Interaction, location TBD

Workshop organized by IASC Marine WG

Partners: IASC Cryosphere and Atmosphere WGs, Ice Sheet Mass Balance and Sea Level (ISMASS)

Fall 2014:

Quantifying Albedo Feedbacks and Their Role in the Mass Balance of the Arctic Terrestrial Cryosphere, location TBD

Workshop organized by IASC Cryosphere WG

Partners: IASC Atmosphere WG, Climate and Cryosphere (CliC)

Fall 2014:

Understanding Sustainability in the Arctic, location TBD

Transdisciplinary workshop organized by International Arctic Social Sciences Association (IASSA)

Fall 2014:

Linkage between Arctic Climate Change and Mid-latitude Weather Extremes, location TBD

Workshop organized by IASC Atmosphere WG

Partners: IASC Marine, Cryosphere and Terrestrial WGs, Association of Polar Early Career Scientists (APECS)

2-4 December 2014:

Arctic Biodiversity Congress, Trondheim, Norway

Symposium organized by Conservation of Arctic Flora and Fauna (CAFF)

December 2014:

Culture and Arctic Climate Change - Integrating Long-Term Perspectives from Archaeology and the Environmental Sciences, San Francisco, USA

AGU Conference Session organized by IASC Social and Human WG

Partners: All IASC WGs, IASC Polar Archeology Network, Association of Polar Early Career Scientists (APECS)

April 2015:

Goals of ICARP III – the future of Arctic research from the early career researchers' point of view, Toyama, Japan

Workshop organized by Association of Polar Early Career Scientists (APECS)

Partners: All IASC WGs, IASC Network Arctic in Rapid Transition (ART), Permafrost Young Researchers Network (PYRN)

27-30 April 2015:

Final ICARP III Conference at Arctic Science Summit Week 2015, Toyama, Japan
IASC and ICARP III Partner Organizations

2014 / 2015: Planning for MOSAiC – the Multidisciplinary drifting Observatory for the Study of Arctic Climate, various locations

Planning meetings organized by IASC Atmosphere WG / Partners: IASC Cryosphere and Marine WGs and various partner organizations

2014 / 2015: ICARP III FrostBytes – Soundbytes of Cool Research

Communication Activity organized by Association of Polar Early Career Scientists (APECS) / Partners: All IASC WGs, Climate and Cryosphere (CliC)

2014 / 2015: Community Consultation on Arctic Research Priorities

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Current List of ICARP III Partners



Arctic Council Indigenous Peoples Secretariat (IPS)



Arctic Monitoring and Assessment Program (AMAP)



Association of Polar Early Career Scientists (APECS)



Climate and Cryosphere (Clic)



Conservation of Arctic Flora and Fauna (CAFF)



European Polar Board (EPB)



Forum of Arctic Research Operators (FARO)



International Arctic Science Committee (IASC)



International Arctic Social Sciences Association (IASSA)



International Association of Cryospheric Sciences (IACS)



International Council for the Exploration of the Sea (ICES)



International Permafrost Association (IPA)



International Study of Arctic Change (ISAC)



Northern Research Forum (NRF)



Ny-Ålesund Science Managers Committee (NySMAC)



Pacific Arctic Group (PAG)



Scientific Committee on Antarctic Research (SCAR)



University of the Arctic (UArctic)

IASC Council

Country	Organization	Representative
Canada	Canadian Polar Commission	David Hik, President
China	Chinese Arctic and Antarctic Administration	Huigen Yang, Vice-President
Czech Republic	Centre for Polar Ecology	Josef Elster
Denmark/Greenland	Agency for Science, Technology and Innovation	Naja Mikkelsen, Vice-President
Finland	Delegation of the Finnish Academies of Science and Letters	Kari Laine
France	Institute Polaire Français	Yves Frenot
Germany	Deutsche Forschungsgemeinschaft	Karin Lochte
Iceland	RANNIS, The Icelandic Centre for Research	Thorsteinn Gunnarsson
India	National Centre for Antarctic and Ocean Research (NCAOR)	Sivaramakrishnan Rajan
Italy	National Research Council of Italy	Carlo Brabante
Japan	Science Council of Japan	Tetsuo Ohata
The Netherlands	The Netherlands Organization for Scientific Research	Louwrens Hacquebord
Norway	The Research Council of Norway	Susan Barr, Vice-President
Poland	Polish Academy of Sciences, Committee on Polar Research	Jacek Jania
Russia	The Russian Academy of Sciences	Vladimir I Pavlenko
Republic of Korea	Korea National Committee on Polar Research	Byong-Kwon Park
Spain	Comité Polar Español	Manuel Catalan
Sweden	The Swedish Research Council	Mats Andersson
Switzerland	Swiss Committee on Polar Research	Martin Lüthi
United Kingdom	Natural Environment Research Council	Cynan Ellis-Evans
USA	Polar Research Board	Jackie Grebmeier, Vice-President