



IASC AT FROM **KNOWLEDGE**

TO **ACTION**

IPY Montréal 2012

An overview of the activities of the International Arctic Science Committee (IASC) at the 2012 IPY Montréal Conference

CONFERENCE PLANNING



The IPY 2007/2008, initiated by and organized through the International Council for Science (ICSU) and the World Meteorological Organization (WMO), was the fourth polar year, following those in 1882/1883, 1932/33 and 1957/58. IASC was represented as ex officio member on the ICSU/WMO IPY Joint Committee through its Executive Secretary from the very beginning. In 2008, building on a Letter of Agreement between the two organizations, IASC and the Scientific Committee on Antarctic Research (SCAR) jointly organized the first IPY Conference in St. Petersburg (Russia). It was the largest polar meeting to that

date and the first bipolar conference. Consequently, IASC and SCAR became very much involved in the planning of the second IPY conference, the IPY 2010 Oslo Conference, which doubled the number of participants of the St. Petersburg meeting. The Oslo conference marked the formal closure of the IPY 2007/2008 but, recognizing the need to develop collaborative strategies for addressing important issues identified by IPY researchers, the IPY Joint Committee endorsed the third and final conference of the IPY, the IPY 2012 Montreal Conference "From Knowledge to Action". Again, IASC and also SCAR became members of the Conference Steering Committee to help shape the conference program. At the same time, IASC and its partner organizations decided to arrange the Arctic Science Summit Week (ASSW 2012) in conjunction with the Montreal Conference.

TRAVEL SUPPORT

IASC Early Career Support for the Montréal 2012 Conference

For IPY 2012 Montréal Conference, IASC awarded twenty travel stipends to early career scientists, enabling many to attend the final IPY (2207/2008) conference. The travel funds were awarded in cooperation with the Association for Polar Early Career Scientists (APECS). Providing travel support for early career scientists to selected conferences provides them with the opportunity to present their ideas and exchange information with an international and renowned group of arctic scientists; giving both parties a chance to learn from each other.

ARCTIC SCIENCE SUMMIT WEEK 2012

ASSW 2012: IASC COUNCIL AND WORKING GROUPS MEET IN MONTRÉAL

The Arctic Science Summit Week Business Meetings 2012 are hosted by the Canadian Polar Commission and the Canadian Circumpolar Institute. The ASSW 2012 will be held from April 19-22, immediately before the IPY2012 Conference and concurrently with the APECS Career Development Workshop, all in Montréal

Canada. This event will be a great opportunity to strengthen collaboration and cooperation among the participants and sponsoring organizations. You can find a draft program in the figure below. All the IASC Working Group and the IASC Council meetings are open for public. If you are interested in attending

any of these we ask you to notify the secretariat (iasc@iasc.info) because of limited room capacity.

For more information and registration, please visit the website at: www.assw2012.org

ASSW 2012 Program	19 April	20 April	21 April	22 April
Morning 09:00 – 12:30	IASC Marine WG IASC Terrestrial	IASC Council	IASC Social & Human WG IASC Atmosphere WG FARO	IASC Cryosphere WG APECS Council PAG Science
Afternoon 14:00 – 18:00	IASC Marine WG IASC Terrestrial WG	IASC Council	PAG Business Meeting EPB IPA IASC Social & Human WG	APECS Council
Evening		Reception	IASC WG Chairs	

IASC MEDAL AWARD CEREMONY IN MONTRÉAL

IASC Medal Awarded to Igor Krupnik

The International Arctic Science Committee is proud to announce that the IASC Medal 2012 will be awarded to Dr. Igor Krupnik. Dr. Igor Krupnik is one of our most diverse arctic scientists. The reasons for awarding him are multifold, each of them worthy to be awarded by themselves.

Bridging between natural and social sciences

Igor is awarded the IASC medal for making scientist, decision-makers and the general public aware that the Arctic is not only about ice and polar bears but

Natural History, Smithsonian Institution, in Washington, DC, USA. An ecologist and cultural anthropologist by training, Igor has been working with arctic communities in Alaska and Siberia, in documenting indigenous cultural heritage, environmental knowledge, and subsistence adaptations. In 2005–2010, he served on the ICSU-WMO Joint Committee for the International Polar Year and later as the lead editor of the IPY summary volume, *Understanding Earth's Polar Challenge: International Polar Year 2007–2008* (2011), prepared on behalf of the Joint Committee.



DR: IGOR KRUPNIK



also about its inhabitants, for bridging between natural and social sciences as well as to the knowledge of the indigenous arctic residents, and for invaluable contributions to the success of the International Polar Year. Igor Krupnik, Ph.D., is cultural anthropologist and curator of arctic ethnological collections at the National Museum of

Championing Indigenous Knowledge of Sea Ice

For the past 12 years, Igor's work has focused on indigenous observations of sea ice and climate change across the Arctic that he championed in an IPY project, "SIKU: Sea Ice Knowledge and Use," he co-led with Claudio Aporta that

resulted in the edited volume, *SIKU: Knowing Our Ice. Documenting Inuit Sea Ice Knowledge and Use* (Krupnik et al., eds. 2010). Igor has published and edited several books and collections, including *Arctic Adaptations* (1993), *Let Our Elders Speak* (2000), *Northern Ethnographic Landscapes* (Krupnik et al., eds. 2005), *Smithsonian at the Poles* (Krupnik et al., eds. 2009), and a pioneer synopsis on indigenous observations of arctic environmental change, *The Earth Is Faster Now* (Krupnik and Jolly, eds. 2002/2010). He has conducted field studies in communities in Alaska, the Bering Sea region, and along the Russian Arctic coast and was the science curator for the Smithsonian exhibit, *Arctic: A Friend Acting Strangely* (2006).

The medal will be presented by the IASC President on Thursday 26th April 2012 at the IPY 2012 Conference in Montreal. The award ceremony will be followed by a 30 minute lecture given by the awardee.

SIDE-MEETINGS

Arctic Climate System Network (ACSNet)

The Arctic Climate System Network (ACSNet) is an IASC cross-cutting initiative to advance an intensive study of the role of the polar ocean-cryosphere-atmosphere in climate, with emphasis in the Western Arctic. ACSNet aims to facilitate the coordination of research in the Canada Basin and boundary regions by bringing together Arctic scientists with ongoing or planned field programs in the region. The inaugural ACSNet meeting will be held on 23 April 2012, 5:30-7:30 pm in Room 515 C at the Palais des congrès. The goal of the meeting will be to set a course for activities under ACSNet that would promote and strengthen international, interdisciplinary research collaborations.

Contact: Mary-Louise Timmermans (Marine WG, mary-louise.timmermans@yale.edu)

Sustaining Arctic Observing Networks (SAON)

Town Hall Meeting, date to be announced
Convened by the Arctic Council and IASC

IASC Booth

Get your information about IASC

If you are interested in learning more about what IASC does, how it is organized and its Working Groups, please visit the IASC booth at the conference venue. Here you will find informational roll-ups and can pick up the latest IASC brochure and freshly published yearbook.

IASC INVOLVED SESSIONS

Synopsis of IPY key findings and other recent polar research

Convenor: David Hik (Canada) dhik@ualberta.ca
Co-convenors: Bryan Adlard (Canada)

The purpose of this session is to present key findings from International Polar Year in plain language for non-specialists, as a baseline for further discussions of the conference theme knowledge to action.

Perceptions and representations of polar (climate) science

Convenors: James Overland (US) and Peter Schweitzer (US)



Polar science faces a strange conundrum: while recent years (and the Fourth IPY in particular) have brought massive advances in understanding the polar systems, popular understanding of these processes seems to be diminishing. In light of tremendous changes threatening the state of the system in the Arctic and elsewhere, mis-perceptions and representations of polar climate science become a matter of concern for society at large. Given the critical role media and politics play in that field, representatives from these arenas will be part of the session as well as academics. The latter groups will include climate

scientists, historians of science, as well as social scientists trying to understand the current situation.

Linking science and policy towards environmentally sustainable development in polar regions

Convenor: David Hik (Canada) dhik@ualberta.ca
Co-convenors: Aqqaluk Lynge (Greenland) and Klaus Gantner (Canada).

This session focuses on ways to assess the value of polar ecosystem services and on policies and strategies to preserve and optimize this value under the double stress of climate change and economic development.

Polar science goes digital

Convenor: Kristen Ulstein (Norway)
Co-convenors: Inga May (Germany) and Mare Pit (Germany)

This session explores digital possibilities to showcase projects, and find out which new and future forms of digital communication you shouldn't miss out on to boost the influence of your polar research. The session is part of the Area 4 Program "Public Engagement, Education and Outreach" in which IASC executive officer, Mare Pit, represented IASC as a committee member.

Panel on "International Cooperative Initiatives on Long-term Polar Observations, Research and Services for the Benefit of Humankind"

Action Forum, Wednesday, April 25,
10:00 – 12:00

Convenor: Michel Béland, President, WMO
Commission for Atmospheric Science

IPY 2012 CONFERENCE
MONTREAL, APRIL 22-27
INTERNATIONAL POLAR YEAR
Canada

