



April 22nd, 2015

Workshop on the Partnership between the Scientific Community and Arctic Stakeholders (PaSCAS)
- “Responding to Change” Workshop for AOS 2016 -

- **Date** : 14:00-17:30 April 25, 2015
- **Venue** : Toyama International Conference Center Room 204 (2F)
- **Organizers** : ISAC, NIPR, JAMSTEC, Hokkaido Univ. , JCARE, IARC
- **Moderator** : Peter Schlosser, Hiroyuki Enomoto

• **Program** :

- 14:00 Greeting Akinori Mori (MEXT)
- 14:05 Rationalization Peter Schlosser (ISAC)
- 14:15 Introduction of project in each country (with emphasis on stakeholders)
 - SEARCH Hajo Eicken (IARC)
 - CACCON Trevor Bell / Donald Forbes (Memorial University)
 - ACCESS Michael Karcher (AWI/OAsys)
 - ICE-ARC Jeremy Wilkinson (BAS)
 - GRENE-Arctic Hiroyuki Enomoto (NIPR)
 - ArCS Takashi Kiyoura (MEXT)
- 15:15 New framework supporting the research project (30min)
 - Belmont Forum (NSF) (TBD updated info. If any)
 - Northern Research Forum Lassi Heininen(Lapland Univ.)
- 15:45 Health Break
- 16:00 General discussion
 - Recommendations from AOS/ISAC as introduced at AGU town hall meetings and feedback
 - How can Arctic research communities interact with stakeholders
 - Identifying some differences and similarities in "stakeholder groups" for Arctic states and non-Arctic states
 - What would be improved scientific contributions consist of for the Arctic community by non-Arctic states
 - What do Arctic states expect with respect to science from non-Arctic states
- 17:00 Summary
 - Agreement on Workshop statement

Expected participants:

- ISAC: AOS Executive Committee Members
 - Peter Schlosser (ISAC)
 - Maribeth Murray (ISAC)
 - Volker Rachold (IASC)
 - Hajo Eicken (IARC)
 - Eva Krummell (ICC)
 - Larry Hinzman (UAF)
 - Jan Rene Larsen (AMAP)
- ISAC: ISAC Steering Committee members
 - Peter Schlosser (USA)
 - Jean-Claude Gascard (France)
 - David Atkinson (Canada)
 - Hiroiyuki Enomoto (Japan)
 - Christine Cuyler (Greenland/Denmark)
 - Jingping Zhao (China)
 - Michael Tjernstrom (Sweden)
- ISAC: ISAC Office
 - Gabriela Ibarguchi (Canada)
 - Maribeth Murray (Canada)
- Japan:
 - Akinori. Mori (MEXT)
 - Takashi Kiyoura (MEXT)
 - Kazuyuki Shiraishi (NIPR)
 - Hiroiyuki Enomoto (NIPR)
 - Hiroshi Miyaoka (NIPR)
 - Yoshihisa Shirayama (JAMSTEC)
 - Takashi Kawano (JAMSTEC)
 - Masao Fukasawa (JAMSTEC)
 - Sei-ichi Saito (Hokkaido Univ.)
 - Norimasa Ito (JAXA)
- USA:
 - Larry Hinzman (UAF)
 - Hajo Eicken (IARC)
- Canada
 - Donald Forbes (Memorial University)
 - Naotaka Hayashi (University of Calgary)
- UK
 - Jeremy Wilkinson (BAS)
- Germany
 - Michael Karcher (OASYS)
- Finland
 - Lassi Heininen (Lapland Univ.)
- WMO
 - Barbara Ryan (WMO/GEO)

· **Background**

The subject of how the results of polar studies are utilized by various stakeholders has become further highlighted following IPY2007-2008. The importance of exploring the potential and actual applications of research knowledge is increasingly being recognized, and open dialogue in conjunction with research planning are facilitating the alignment of potential stakeholder needs with solutions-based scientific research.

The International Study for Arctic Change (ISAC) held the first Arctic Observing Summit (AOS) in 2013 in Vancouver, Canada, with support of the International Arctic Science Committee (IASC). The AOS has started to serve as a forum to engage the Arctic scientific community with stakeholders under the theme of the "Observation-understanding-responding system." Following the Arctic Science Summit Week (ASSW) held in Helsinki in 2014, the AOS summit will be held in conjunction with the ASSW every other year, and continuing with the next ASSW/AOS meeting to be held in Fairbanks, Alaska, in 2016. The AOS is internationally one of the most important meetings for linking the Arctic science community and stakeholders. Leading discussions at AOS is an effective way to show Japan's initiative and strong support for building the invaluable partnerships and linkages with stakeholders in Arctic science.

· **Purpose**

By bringing together nationally and internationally recognized Arctic experts who are leading pilot projects with the involvement of stakeholders, the workshop aims to exchange hands-on knowledge for extending the boundaries of Natural Sciences and Humanities/Social Sciences through the early engagement with stakeholders, including policy makers and Indigenous Peoples, and building a roadmap toward solutions.

With this in mind, we will discuss the following themes at the workshop:

- How can Arctic research communities interact with stakeholders
- Identifying the differences and similarities of "stakeholder groups" for Arctic states and non-Arctic states
- What would improve scientific contributions consist of for the Arctic community by non-Arctic states
- What do Arctic states expect with respect to science from non-Arctic states

Summarizing the issues raised during this workshop from the perspectives of non-Arctic countries will contribute to AOS 2016 and will serve to emphasize to participating countries that stakeholders and their engagement in the Natural Sciences and Humanities/Social Sciences should be strongly considered in Arctic research planning and policy.