



Lead Author e-mail: parsons.mark@gmail.com

Title: *An open data policy for IASC*

Mark Parsons¹, Robert Huber², Peter Pulsifer³, Arkady Tishkov⁴, Hironori Yabuki⁵, Volker Rachold⁶

¹*Rensselaer Polytechnic Institute*

²*Alfred Wegener Institute*

³*National Snow and Ice Data Center*

⁴*Russian Academy of Sciences*

⁵*Japan Agency for Marine-Earth Science and Technology*

⁶*IASC Secretariat*

Following recommendations emerging from the International Polar Year (IPY) and to reinforce IASC's commitment to robust data management and sharing activities, the IASC Council formed a small Task Group to develop and recommend a data policy. The policy was to include steps toward implementation, should support the IASC mission, and should provide guidance for IASC-supported activities. Scientific data are central to IASC's stated mission to "encourage and facilitate cooperation in all aspects of Arctic research, in all countries engaged in Arctic research and in all areas of the Arctic region." Furthermore, open sharing of data facilitates the sort of cross-disciplinary collaboration that is necessary to understand the Arctic as a system and to ensure sustainability.

The Task Group worked with IASC Working Groups and national representatives to develop a policy that promotes ethically open data as a fundamental benefit to science. The policy builds from the IPY data policy but is tuned to the mission and objectives of IASC. This talk will review the policy, the ethical bounds of data sharing, and other essential elements including sound data preservation and stewardship. We see this as an important step forward for IASC and actively seek feedback from the community.