



Data Sharing, Access, and Archiving in IPY

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The interdisciplinary breadth of the International Polar Year is unprecedented. The IPY has explicit objectives to link researchers across different fields to address questions and issues lying beyond the scope of individual disciplines and to strengthen international coordination of research and enhance international collaboration and cooperation. The IPY Data Policy and Management Subcommittee have developed a policy to help meet these objectives and an international collaboration of investigators and data managers, the IPY Data and Information Service, are working to make IPY data widely available. I will present an overview of the primary data management considerations for IPY and how diverse organizations are making IPY and related data available. Centralized discovery mechanisms for widely distributed data plus targeted access mechanisms for specific disciplines will be presented. These range from near real time access to satellite remote sensing data and GCM output to fair and appropriate access to traditional knowledge of the Arctic. Finally IPY has an objective leave a legacy of observing sites, facilities and networks, as well as individual data and data systems to support ongoing polar research and monitoring. Efforts to develop and maintain that legacy through effective data archiving and engagement with ongoing international activities such as the Sustained Arctic Observing Network and Global Earth Observing System of Systems will be discussed.