

IPY Draft Data Management Sub-committee Terms of Reference (ToR)

- Outline a strategy for IPY data management with specific goals based on the scientific questions formulated in the IPY 2007-2008 Science Plan and which meet the special needs of social sciences and the Education, Outreach and Communications Plan.
- Determine an effective data policy, to be followed by all nations and projects involved in the IPY programme. (partly done)
- Determine, before the start of the IPY field phase, the organisational data flow structure (including consideration of procedures, real-time requirements, transmission and archival of data) required to support the IPY 2007-2008 science objectives as agreed by the Joint Committee.
- Define requirements for, and recommend actions that need to be taken to ensure an adequate IPY Data and Information Service.
- Assess the extent to which existing and proposed data management systems can be used by IPY
 1. for the responsive delivery of data and data products
 2. for the secure but accessible archival of IPY data
 3. for the delivery of information on the location and availability of IPY data.
- Devise a strategy to make sure that all IPY projects have an effective data management plan and that this is compatible with the overall IPY data flow structure. Provide high-level strategic advice to endorsed IPY projects on data management issues.
- Provide expert advice to the IPY Joint Committee on all IPY metadata and data management issues, including proposed data management programmes that may be independent of specific IPY 2007-2008 science projects. (such as legacy data collections)
- To provide ongoing guidance to the IPY Data Information Service, and regular review of its effectiveness.