



## HAIS-7 Report Japanese IPY Activities

---

### 1. National Organization

- IPY National Committee under the Science Council of Japan (SCJ, <http://www.scj.go.jp/en/index.html>) changed its structure in October 2008.
- The Committee member was renewed from the 20<sup>th</sup> to the 21<sup>st</sup> stage and the first, & the second meeting was held on 1<sup>st</sup> March 2009, & 30<sup>th</sup> June 2009, respectively.
- Members of the 21<sup>st</sup> National Committee:
  - Natsuo Sato, NIPR (Chair),
  - Takeshi Naganuma, Hiroshima University (Deputy chair)
  - Shigeru Aoki, Hokkaido University
  - Tetsuo Ohata, JAMSTEC
  - Hiroshi Kanda, NIPR
  - Kazuyuki Shiraishi, NIPR
  - Tatsuo Sueda, Ehime University
  - Toru Hirawake, Hokkaido University
  - Hiroshi Naraoka, Okayama University
  - Ryoichi Fujii, Nagoya University
  - Takeshi Yamanouchi, NIPR
  - Takashi Ishimaru, Tokyo University of Marine Science and Technology
  - Hajime Ito, NIPR
  - Hiroshi Fujimura, JMA
  - Masanobu Shimada, JAXA
  - Yasuhito Osanai, Kyushu University
  - Norikazu Matsuoka, Tsukuba University
  - Sakie Sumikawa, Explorer Museum
  - Mamoru Kawakubo, NIPR
  - Masaki Kanao, NIPR (Secretary)

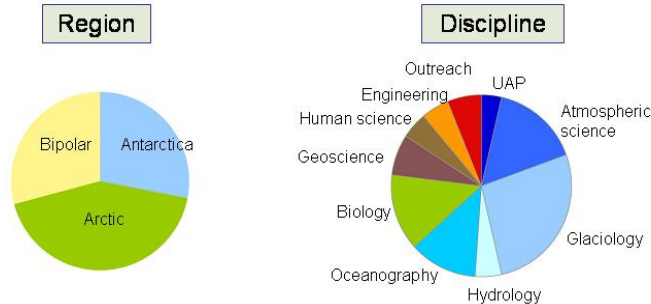
### 2. Research Project

- The number of endorsed projects by IPY/IPO for which Japanese scientists were concerned was **87** (Appendix), as we can seek to identify and track the location of all indexes explicitly as part of the endorsed projects.  
<http://classic.ipy.org/development/eoi/>

# IPY endorsed project



Japanese scientists participate in 87 projects.

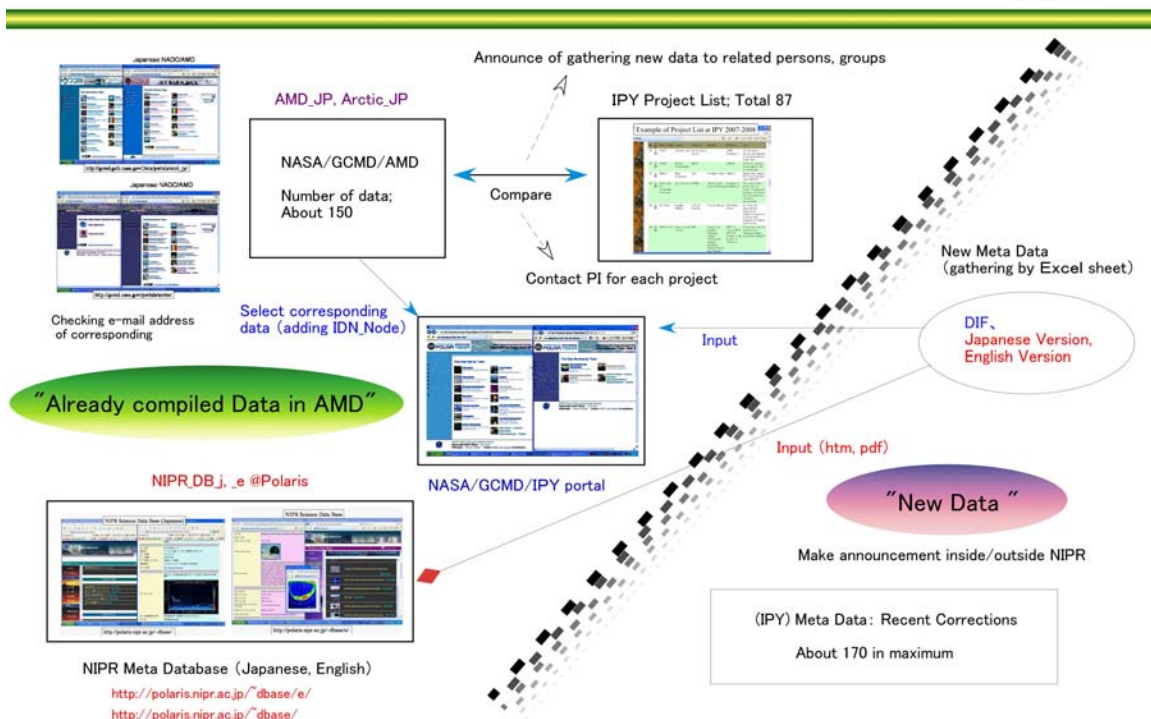


### 3. IPY data management

- Metadata relating the above IPY endorsed projects, together with the other Japanese original and international projects, have been compiling to **IPY Portal in GCMD**. <http://gcmd.gsfc.nasa.gov/KeywordSearch/Home.do?Portal=ipy&MetadataType=0>
- In the IPY Portal of GCMD, a total number of metadata descriptions (DIFs) is up to **92** at moment in the end of August 2009.
- In the Science MetaData Base in NIPR (SMDB/NIPR), a total of 148 metadata were accumulated at moment. The format of metadata is original one, but it includes the items listed in DIFs of AMD. There are also linkages to the corresponding Metadata in AMD for each metadata of SMDB/NIPR.

Flow Chart of IPY Meta Data Compilation

2009. April.



#### 4. Education, Outreach and Communication

- *1<sup>st</sup> March 2007*; **IPY kick-off symposium (“Asian Collaboration in IPY 2007-2008”)** was held at the SCJ, with 117 participants from 14 countries.  
<http://polaris.nipr.ac.jp/~ipy/usr/sympo/>



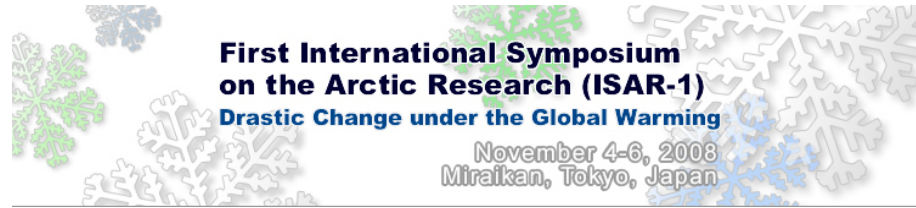
- *16<sup>th</sup> December 2007*; the 4<sup>th</sup> **“Polar Open Forum for Junior- and High-School Students”** was held at NIPR. The award winning proposals including a measurement of static electricity in the snow were implemented by the 49<sup>th</sup> JARE during their winter-over activities.



- *18<sup>th</sup> June 2008*; the **Science Café “Land and Life in Antarctica”** was conducted collaborated by National Museum of Emerging Science and Innovation (Miraikan) and NIPR.



- 4-6 November 2008; **First International Symposium on the Arctic Research (ISAR-1)** was conducted at the National Museum of Emerging Science and Innovation (Miraikan), organized by National Committee for IASC, SCJ.  
<http://www.jamstec.go.jp/iorgc/sympo/isar1/index.html>



- 10-13 November 2008; **International Symposium: Fifty Years after IGY - Modern Information Technologies and Earth and Solar Sciences** - was held at the National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba with 160 participants, sponsored by several National Committees on IPY, eGY, IYPE, IHY, WDC, SCOSTEP and CODATA.  
<http://wdc2.kugi.kyoto-u.ac.jp/igy50>



- 14<sup>th</sup> December 2008; the 5<sup>th</sup> “**Polar Open Forum for Junior- and High-School Students**” was held at NIPR. The award winning proposals were implemented by the 50<sup>th</sup> JARE during their winter-over activities.



- 1<sup>st</sup> March 2009; IPY “Junior Summit” outreach program was carried out at the National Science Museum, Tokyo. “The State of Polar Research” was declared from IPY National Committee at the same day.



- 1<sup>st</sup> March 2010; (planning to take place at the SCJ) “IPY Finalizing Symposium” in order to summarize scientific results and make adequate orientation to post-IPY generation targeting to the national science community.

## 5. Related Links

- The followings are the related link for providing metadata compilation.
- - National Institute of Polar Research (NIPR Home); <http://www.nipr.ac.jp/english/>
- - Japanese National Data Center PORTAL / Antarctic Master Directory; [http://gcmd.nasa.gov/KeywordSearch/Home.do?Portal=amd\\_jp&MetadataType=0](http://gcmd.nasa.gov/KeywordSearch/Home.do?Portal=amd_jp&MetadataType=0)
- - IPY 2007-2008 Metadata PORTAL / IPYDIS; <http://gcmd.gsfc.nasa.gov/KeywordSearch/Home.do?Portal=ipy&MetadataType=0>
- - Polar Data Center (PDC/NIPR); [http://www.nipr.ac.jp/english/r\\_centers/t02\\_isc.html](http://www.nipr.ac.jp/english/r_centers/t02_isc.html)
- - World Data Center for Aurora (WDC/NIPR); <http://polaris.nipr.ac.jp/~aurora/>
- - IPY National Committee; [http://polaris.nipr.ac.jp/~ipy/ipy\\_jcom\\_hp/index.htm](http://polaris.nipr.ac.jp/~ipy/ipy_jcom_hp/index.htm) (Japanese only)

---

### Contact:

Japanese National Committee, IPY2007-2008  
 Secretary  
 Dr. Masaki Kanao  
 National Institute of Polar Research (NIPR),  
 Research Organization of Information and System (ROIS)  
 10-3, Midori-cho, Tachikawa-shi, Tokyo 190-8518, JAPAN  
 Phone; +81-42-512-0713, Fax; +81-42-528-3479  
 e-mail; [kanao@nipr.ac.jp](mailto:kanao@nipr.ac.jp)

