

USNC for the IPY
June 2005 Newsgram
<http://us-ipy.org>

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Calendar of Upcoming IPY Events

Outreach and Education Workshop, July 20-22, Boulder, CO

IPY Informational Lunch – August, TBA, Washington, DC

PRB Board Meeting November 21-22, 2005

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1. ICSU/WMO Update

The International Council for Science (ICSU) and World Meteorological Organization (WMO) has made the proposal template and guidance notes for the June 30 deadline available at: <http://www.ipy.org/news/story.php?id=129>. All submissions for June 30 have to be made online. A draft Word template is now available on the homepage, as is a set of guidance notes on how the Joint Committee envisages that clusters could form and develop proposals is also now available at: <http://www.ipy.org/>.

2. IPY Letter to Congress

June 7, 2005: Dr. Bruce Alberts, president of the US National Academy of Sciences and chairman of the National Research Council, has delivered a report to Congress on planning for International Polar Year 2007-2008, as called for in Senate Resolution 466. The letter from Dr. Alberts (http://www.us-ipy.org/IPY_Letter_to_Congress_06-01-05.pdf) highlights the increasing momentum of IPY planning, provides an overview of the IPY organizing themes, discusses international participation in IPY, and encourages Congress to make the United States a leader in IPY activities. It is accompanied by copies of two National Academies reports, *A Vision for IPY 2007-2008* (<http://books.nap.edu/catalog/11013.html>) and *IPY 2007-2008: Report of an Implementation Workshop* (<http://books.nap.edu/catalog/11110.html>).

3. IPY Progress Letter

The IPY progress letter provides an update on IPY planning from the Polar Research Board-US National Committee for IPY:
http://www.us-ipy.org/IPY_Progress_Letter.pdf

4. NOAA IPY-1 Website

NOAA has established a new website on the first IPY (1881-1884). This website includes, historical facts about IPY-1 as well as data, images, reports, and an IPY-1 poster. <http://www.arctic.noaa.gov/aro/ipy-1> Science reviewed NOAA's IPY-1 website in its "NetWatch" feature:

<http://www.sciencemag.org/cgi/reprint/308/5723/769e.pdf>

5. Call for Collaboration in IPY – Indigenous/Local Knowledge Projects

The World Data Center for Glaciology (WDC) in Boulder, Colorado, is proposing to host an Arctic Peoples' Observations Center (APOC), a central data portal, data management service, networking service, and resource center related to the knowledge of arctic peoples. As envisioned, APOC will have a strong emphasis on serving indigenous knowledge projects and arctic communities by developing new management systems for data in non-numerical formats such as video, audio, maps, artwork, photographs, and context-specific data such as interviews and recorded oral histories. APOC will help projects manage their data, or simply provide links to projects and networks that are managing their own information.

APOC would also handle numerical data related to arctic communities such as demographic information, harvest data, GPS and GIS data, and survey data.

APOC was approved by the IPY Joint Committee. APOC would work closely with the proposed IPY DIS (Data and Information Service) centered at WDC. The APOC is looking for projects or networks (existing or IPY) who might be interested in collaborating with us as we develop the next APOC proposal for IPY (due in June). We are looking for indigenous and local knowledge projects that are interested in data management and would be willing to work with us in developing appropriate data management systems for accessible information and data products for arctic communities and researchers - either through participation in planned workshops on IK data management, or by working with us on the management of their own project data.

If you are interested in further information or linking your project or network to

APOC, please contact:

Shari Fox Gearheard

NOAA Postdoc, Harvard University

E-mail: sgearh@fas.harvard.edu

Phone: 867-924-6555

or contact:

Michelle Holm

National Snow and Ice Data Center

E-mail: mholm@nsidc.org

6. IHY/UNBSS Small Instrument Array Development Opportunity

A major thrust of the International Heliophysical Year (IHY) is to deploy arrays of small, inexpensive instruments such as magnetometers, radio antennas, GPS receivers, all-sky cameras, etc. around the world to provide global measurements of ionospheric and heliospheric phenomena. This program is a collaboration between the IHY and the United Nations Basic Space Science (UNBSS) program, which has been dedicated to the IHY through 2009.

The small instrument program is envisioned as a partnership between instrument providers, and instrument host countries. The lead scientist will provide the instruments (or fabrication plans for instruments) in the array; the host country will provide manpower, facilities, and operational support to obtain data with the instrument typically at a local university. Funds are not available through the IHY to build the instruments; these must be obtained through the normal proposal channels. However all instrument operational support for local scientists, facilities, and data acquisition, will be provided by the host nation. It is our hope that the IHY can facilitate the deployment of 3-5 of these networks worldwide.

To begin the discussion between potential instrument providers and host countries, a workshop has been arranged for November 20-23, 2005 in United Arab Emirates (UAE). Additional information on the workshop is available at <http://www.fsc.uaeu.ac.ae/physics/UNESA.htm>. Approximately 25 participants from will be selected by August 15, 2005 as instrument providers to attend the workshop, and an equal number from host countries.

If you are interested in attending the workshop should please contact Nat Gopalswamy (gopals@fugee.gsfc.nasa.gov) for additional information.

7. Poles Together: Coordinating IPY Outreach and Education

Please consider attending an action-oriented workshop this summer for outreach, education and communications specialists, program managers, and others, including scientists and researchers, who are interested in coordinating outreach and education for the International Polar Year.

The workshop – in Boulder, Colorado, July 20-22 – is sponsored by the Office of Oceanic and Atmospheric Research of the National Oceanic and Atmospheric Administration (NOAA Research), the Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado, and the National Snow and Ice Data Center (NSIDC), a specialized unit within CIRES.

To involve interested parties beyond the geophysical sciences and reach wider audiences, IPY organizers are encouraging activities in the social sciences and in outreach and education. In an effort to avoid duplication, promote partnering, increase effectiveness, and stretch scarce funds, this workshop aims to foster polar understanding and appreciation for all IPY interests, and to develop a proposed timeline and specific deliverables, intended to integrate science with education and communication.

To register for the “Poles Together: Coordinating IPY Outreach and Education” workshop, RSVP to IPYOE@noaa.gov with name, affiliation and contact information. For information, contact Carol Knight (NOAA), 303.497.6401, or Mark McCaffrey (CIRES), 303.735.3155.

Dr. Roger Barry
Director
NSIDC

Dr. Richard D. Rosen
Assistant Administrator
NOAA Research

Dr. Konrad Steffen
Director
CIRES

P.S. A flier with workshop information is available as a PDF file at <http://cybele.colorado.edu/ipyoe/IPYOE.pdf> .

8. SOLAS and the International Polar Year

Air - sea biogeochemistry at high latitudes: SOLAS and the International Polar Year. [For Further info:](#)

http://csd.tamu.edu/news/news_item.2005-05-22.7114240145

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Comments on this newsletter as well as on the reports and activities of USNC for IPY are welcome. To provide input, unsubscribe, or to suggest items to be included in future issues contact glantier@nas.edu. See the US website for IPY, www.us-ipy.org for additional IPY information.

The US National Committee for IPY is a committee under the Polar Research Board of the National Academies. The National Academies – including the National Academy of Sciences, National Academy of Engineering, Institute of Medicine, and National Research Council – serves the nation by providing independent advice on issues in science, engineering, and medicine. USNC members include: Mary Albert, *Chair*, Cold Regions Research and Engineering Lab; Robert Bindschadler, NASA; Cecilia Bitz, University of Washington; Jerry Bowen, CBS News; David Bromwich, The Ohio State University; Richard Glenn, Arctic Slope Regional Corp.; Jacqueline Grebmeier, University of Tennessee; John Kelley, University of Alaska-Fairbanks; Igor Krupnik, Smithsonian Institution; Louis Lanzerotti, Bell Laboratories/Lucent Technologies; Peter Schlosser, Lamont-Doherty Earth Observatory; Philip Smith, Science Policy and Management; George Somero, Stanford University; Cristina Takacs-Vesbach, University of New Mexico; Gunter Weller, University of Alaska-Fairbanks (ret.); Douglas Wiens, Washington University; Mahlon Kennicutt, Texas A&M University; Patrick Webber, Michigan State University; Terry Wilson, The Ohio State University; Robin Bell, Lamont-Doherty Earth Observatory.

We encourage you to share this newsletter with colleagues.