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eGY Education and Public Outreach

The development of the virtual observatories for the eGY offers an unprecedented educational opportunity to connect teachers throughout the world to authentic data, both real-time and archived, in a standards- and inquiry-based context. The goal of the eGY Education and Public Outreach is to create an education portal that connects teachers, in a well-defined way, to the Virtual Observatories. The programming developed would allow teachers to use the Virtual Observatories and their data in an educational context, with supporting materials and activities. In addition, and perhaps as important, the portal would support virtual educational communities, both synchronously and asynchronously. There would be virtual seminars, not only on science content, but on the educational technology and assessment, for example. We would provide multimedia assets for teachers, including scientific talks, computer-based animations and interactives.

The educational portal would support the interface to several virtual observatories from a wide variety of areas, including, for example, the carbon-cycle, the geospace environment, and perhaps either the geological or oceanographic world, expanding on the intellectual themes of all International Years. We will partner with the other commemorative years, leveraging their network of teachers worldwide and their educational programming while offering them the portal as an opportunity for collaboration. While the active programming might only exist for the eGY, the portal could be continued indefinitely.

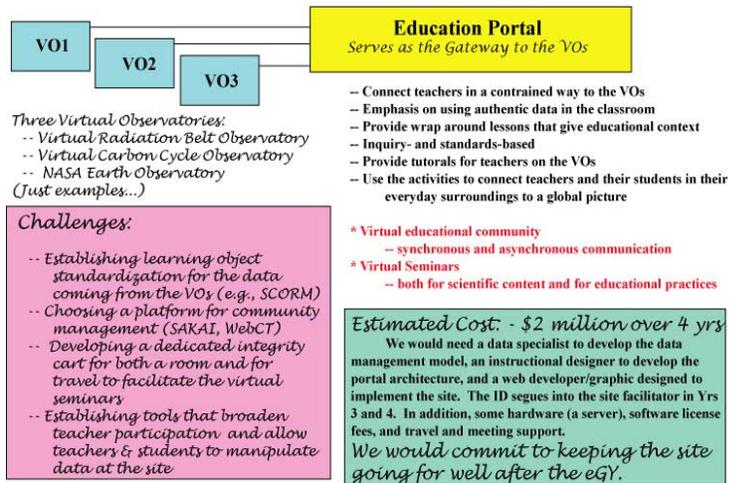
*Received from Emily CoBabe-Ammann
 (ecobabe@lasp.colorado.edu)*

AGU Union Session U08: eGY: e-Science for Geoscience May 23-27, 2005

An AGU Union session on the Electronic Geophysical Year entitled U08: e-Science for Geoscience will be held at the Spring meeting, which will be a Joint Assembly with the

eGY Education:

Connecting Teacher to the Virtual Observatories



Society of Exploration Geophysicists (SEG), the Solar Physics Division of the American Astronomical Society (SPD/AAS) and the North American Benthological Society (NABS). The Assembly will be held in New Orleans, Louisiana, May 23-27, 2005. The following invited talks will be presented:

- Ralph Baird (Baird Petrophysics and SEG)
 From IGY (1957-1958) to eGY (2007-2008); data and information challenges in exploration geophysics
- Charles Barton (Australian National University and IAGA)
 The Electronic Geophysical Year, 2007-2008
- Ed De Mulder (Netherlands Geol. Survey and IYPE)
 e-Science for the geological sciences
- Simon Cox (CSIRO, Australia)
 Harmonization of Grid and Geospatial Services Standards in the Earth and Environmental Sciences
- Barbara Thompson (NASA/GSFS and IHY)
 Virtual Observatories and Information Systems

Received from Daniel.Baker@LASP.Colorado.edu

eGY Meeting in Boulder, February 14-15, 2005

The eGY Task Force and a number of enthusiasts met at LASP (Boulder, Colorado) on February 14-15, 2005. This was the last meeting of the Task Force, which was disbanded (with great thanks for the hard work for eGY), and the group identified the new management structure of the eGY initiative. The eGY International Committee will lead the initiative through 2005-2008, with the working Secretariat at LASP.

eGY International Committee:

Charlie Barton	Chair
Dan Baker	Co-Chair
Ferris Webster	WDC Panel liaison
Herb Kroehl	CODATA liaison
Bob Chen	CODATA
Liu Chuang	CODATA
Alan Rodger	IPY liaison
Barbara Thompson	IHY liaison
Ed de Mulder	IYPE liaison

Working Group Leaders:

Paul Berkman	Data Integration/Knowledge Discovery
Volodya Papitashvili	Virtual Observatories Census
Herb Kroehl	Best Practices and Standards
Emily CoBabe-Ammann	Education and Public Outreach

eGY Secretariat:

Dan Baker	Executive Director
Bill Peterson	Secretary
Marissa Rusinek	eGY Communications Manager
Emily CoBabe-Ammann	Media & PR

The eGY will also include National Representatives as identified. [The full text of Minutes is available at http://www.egy.org/](http://www.egy.org/).

Received from Bill.Peterson@LASP.Colorado.edu

The IHY North American Science Planning Workshop February 16-18, 2005

The IHY North American Community Science Planning Workshop was held in Boulder, Colorado, on 16-18 February, 2004. There were special discussions on Electronic Issues and eGY, IGY-1957 Historical Preservation, and International Coordination and Communication. Meeting details can be found at:

http://ihy.gsfc.nasa.gov/events/feb2005_workshop.shtml.

Received from Barbara.J.Thompson@nasa.gov

International Conference on e-Science and Grid Technologies, December 5-8, 2005, Melbourne, Australia

The e-Science 2005 conference, sponsored by the IEEE Computer Society and Society for Industrial and Applied

Mathematics (approval pending), is designed to bring together leading international and interdisciplinary research communities, developers, and users of e-Science applications and enabling IT technologies. The conference serves as a forum to present the results of the latest research and product/tool developments, and highlight related activities from around the World. Please visit: <http://www.gridbus.org/escience> for further details.

Received from Ray.Norris@csiro.au

eGY E-mail Lists

The eGY mail lists recently underwent a change of servers and are now being hosted at LASP. Everyone that was already subscribed got moved over to the new lists. Marissa Rusinek is the new list administrator, so please contact her if you have any problems. The new subscription pages are as follows:

<http://miranda.colorado.edu/mailman/listinfo/egyteam>

<http://miranda.colorado.edu/mailman/listinfo/egyparticipants>

<http://miranda.colorado.edu/mailman/listinfo/egyobservers>

Tier 1: <egyteam@miranda.colorado.edu> for general business correspondence, notices, and newsletters

Tier 2: <egyparticipants@miranda.colorado.edu> for main items of communication, all notices and newsletters

Tier 3: <egyobservers@miranda.colorado.edu> for main notices and newsletters

Messages sent to Tier 2 go automatically to Tier 1; those to Tier 3 will go to Tier 2 and Tier 1.

Editor's Note

We have a new editor for the **eGY News** – Marissa Rusinek of LASP (University of Colorado), who now holds the title of eGY Communications Manager. Input from the eGY participants should now be sent to her at: Marissa.Rusinek@lasp.colorado.edu.

Please do not forget to circulate this newsletter to your colleagues and acquaintances. Add your name to any of the eGY mail lists if you wish to receive eGY News directly by email.

I will now focus on compiling and describing the existing Virtual Observatories, defining the VxO vocabulary (e.g., data repositories, data access, data release, etc.) which is used in this field. For this task, I would greatly appreciate any information about new VxOs when they appear on the Web.

Volodya Papitashvili (papita@umich.edu), Former Editor

Editor: Marissa.Rusinek@lasp.colorado.edu; 2005-02-25