



Asia Oceania Geosciences Society Endorses eGY at its 2005 Meeting in Singapore	1
I*Y Summit, Rome, 6-7 Sep 2005	1
Mastering the Data Explosion in the Earth and Environmental Sciences, Canberra, Australia, 19-21 April 2006	1
I*Y Presentations at the US NSF GEM/CEDAR Joint Meeting in Santa Fe, New Mexico	2
eGY's Education Program is Moving Forward!	2
Terms of Reference for Two Working Groups Now Available	2
CEOS (Committee on Earth Observation Satellites) Meeting, Kiev, 12-16 September 2005	2
Of Potential Interest to eGY Participants	3
Back Issues of the eGY Newsletter	3
eGY at the Toulouse Meeting of IAGA, 18-29 July 2005	3

Asia Oceania Geosciences Society Endorses eGY at its 2005 Meeting in Singapore

Date: Tue, 28 Jun 2005 11:20:32 +0900
To: "W.K. (Bill) Peterson"
<Bill.Peterson@lasp.colorado.edu>,
Charles Barton <cbarton@webone.com.au>
From: "Y. Kamide" <kamide@stelab.nagoya-u.ac.jp>
Subject: AOGS
Cc: Daniel.Baker@lasp.colorado.edu, Vladimir Papitashvili
<papita@umich.edu>, Marissa.Rusinek@lasp.colorado.edu,
"JoAnn Joselyn" <jjoselyn@cires.colorado.edu>,
kamide@stnet1.stelab.nagoya-u.ac.jp

Dear Both:

I have returned from the Second AOGS Meeting in Singapore, where a resolution was adopted at its last Council Meeting, with the words as proposed: see the attached file.

At the Third AOGS Meeting, there should be a session on e-Science and data management in its next Annual Meeting in 2006 but recommended as together with IHY activity. I will do my best.

Regards,
Y. Kamide

Received from Bill.Peterson@LASP.Colorado.edu

I*Y Summit, Rome, 6-7 Sep 2005

Leaders of the major I*Y initiatives—eGY, IPY, IHY, and The International Year (of Planet Earth)—plan to meet in Rome, Italy, Tuesday 6th and Wednesday 7th September 2005. The objective is to identify areas for collaboration and produce an action plan. The two areas of particular interest for eGY are data & information management and Education & Public Outreach. Attendance on the Tuesday will be limited to Dave Carlson (IPY), Ed de Mulder (IYPE), Joe Davila (IHY), Charles Barton (eGY), and Michael Kuhn (IUGG Committee for IGY+50) and their nominees and deputies. The Wednesday will be a forum for invited participants. If you wish to attend, please contact Charles.Barton@anu.edu.au or e.demulder@planet.nl.

Received from Charles.Barton@anu.edu.au

Mastering the Data Explosion in the Earth and Environmental Sciences, Canberra, Australia, 19-21 April 2006

To be held in the Shine Dome of the Australian Academy of Science, 19 - 21 April 2006.

The past ten years has seen an explosion in both quality and quantity of data available in nearly all areas of the physical sciences. Technological improvements of instrumentation as well as the capacity to store and rapidly disseminate digital

information via the internet, mean that vast quantities of information can now be assembled in many fields.

This cross-disciplinary conference will bring together scientists currently grappling with the data explosion under way in Earth and Environmental Sciences.

The focus will be on communication between experts in data inversion methods, computational simulation, statistical inference, visualization and data mining, with geoscientists who need to make reliable, quantitative inferences from their data.

The aim of the conference is to increase awareness amongst Earth Scientists of what tools and technologies are available today and what will be available tomorrow.

At the same time we hope to inform physicists, mathematicians, statisticians and computer scientists of the range of important 'data-explosion' problems apparent today in the Earth and Environmental sciences.

Topics include but are not limited to:

- Challenges in Inverse problems with large data sets
- Challenges in computational simulation of natural processes
- Data inference and mining with large data sets
- Using Distributed and parallel computing in analyzing large data sets.

Received from Charles.Barton@anu.edu.au

I*Y Presentations at the US NSF GEM/CEDAR Joint Meeting in Santa Fe, New Mexico

Researchers interested in ionospheric and magnetospheric physics met in Santa Fe June 27-July 1. Several sessions relating to eGY activities were held. Roger Smith (U of Alaska, Fairbanks) gave an overview of the various I*Y's in the first plenary session that was well received. There was a subsequent plenary session on distributed arrays of small instruments, virtual observatories, modeling and data assimilation. Volodya Papitashvili (U of Michigan) gave a very nice presentation on virtual observatories and their relationship to eGY. There was also a break out session focusing on the IHY, IPY, and eGY. Bill Peterson (U of Colorado) discussed eGY and Eric Kihn (NOAA/NGDC) discussed practical considerations for virtual observatories. There was extensive discussion about the practicalities of exchanging data.

The draft eGY Circular was distributed at the break out session. The Chairs of the GEM and CEDAR groups were requested to endorse the eGY Declaration included in the cir-

cular. Bob Strangeway, GEM chair, will be sending a formal letter of endorsement later this month. The CEDAR steering committee will not meet to consider a resolution of support until November.

Received from Bill.Peterson@LASP.Colorado.edu

eGY's Education Program is Moving Forward!

Invitations to potential education partners for the eGY portal have gone out and have, thus far, met with unanimous acceptance. The Virtual Solar Observatory, SPIDR, IRIS, NASA's Earth Observatory, and eMinerals have, in principal, signed on for the program. Most importantly, the group developing Sakai, an open source course management system, has come on board with great enthusiasm. In the next weeks, we are finalizing partnerships and developing a detailed work plan and budget that will allow us to start approaching foundations for support. We currently anticipate the majority of funding requests to be out the door by the end of August, setting us up for the January start date.

Received from ecobabe@lasp.colorado.edu

Terms of Reference for Two Working Groups Now Available

The Terms of Reference for the Data Integration and Knowledge Discovery and Best Practices Working Groups are now available on the eGY web site (<http://www.egy.org>). Click on the working group tab in the menu on the front page and follow the links.

Received from Bill.Peterson@LASP.Colorado.edu

CEOS (Committee on Earth Observation Satellites) Meeting, Kiev, 12-16 September 2005

eGY has been asked to participate in a meeting sponsored by the CEOS Working Group on Information Services and Systems (WGISS). The WGISS website is <http://wgiss.ceos.org/>. The Meeting will be held September 12-16 in Kiev, Ukraine. CEOS serves to coordinate civil Earth Observations Satellite missions globally and is supported by all leading national space agencies (see <http://www.ceos.org>). CEOS has an important role to play in the development of GEOS—the Global Earth Observing System of Systems (<http://www.epa.gov/geoss/index.html>). Charles Barton will describe eGY to the delegates and explore ways for eGY and WGISS to link their activities.

Received from Charles.Barton@anu.edu.au

Of Potential Interest to eGY Participants

At the New Orleans Meeting, Simon Cox told us a bit about the Open Geospatial Consortium (www.opengeospatial.org) which has pioneered interoperability between applications using Geographic Information Systems (GIS). There are a couple of hot new commercial applications in this area that have just recently been released or just are coming to market: Microsoft's Virtual Earth and Google's map service (maps.google.com). Simon's presentation is available on the eGY web site (www.egy.org). A visit to one of the web sites noted above or a Google search on any of these topics will lead to more specific information.

Received from Bill.Peterson@LASP.Colorado.edu

Back Issues of the eGY Newsletter

Past issues of the eGY Newsletter are available on the eGY web site (www.egy.org) in PDF format. Go to the "Newsletter" page to download the issues.

Received from Marissa.Rusinek@LASP.Colorado.edu

eGY at the Toulouse Meeting of IAGA, 18-29 July 2005

An eGY Open Forum will be held in the Cassiopee Room from 17:30 to 19:30 on Friday 22 July. eGY representatives will be in the room from 16:00 to discuss eGY issues with interested individuals.

The eGY circular inviting people to sign the eGY Declaration for a Geoscience Information Commons will be available at the IAGA registration desk.

Sessions of Interest:

- Thursday July 21: Dan Baker will give an Association Lecture on "IGY+50 and the eGY"
- Tuesday July 19: Association Lecture: Le Mouel, "A new era for Geomagnetism"
- Thursday, July 21: GAII03 Data assimilation techniques for the ionosphere-thermosphere-magnetosphere system
- Friday, July 22: GAIV05 International Heliophysical Year
- Saturday July 23: IHY Community Workshop
- Monday July 25:
 - Association Lecture: David Loper, "The Earth's Magnetic Field and Life"
 - GAV01 Magnetic observatories: measurements, quality analysis, and data dissemination
- Wednesday July 27: Association Lecture: Sunanda Basu, "Climate and Weather of the Sun Earth System"

Received from Bill.Peterson@LASP.Colorado.edu

Editor: Marissa.Rusinek@lasp.colorado.edu; 2005-07-08