



The Electronic Geophysical Year, 2007-2008

## eGY General Meeting, 5-6 March 2008

### **AGENDA** Version: 080304

*Location:* NCAR - National Center for Atmospheric Science, Boulder, Colorado  
Mesa Laboratories (on the hill)

March 5<sup>th</sup> AM - Main seminar room

March 5<sup>th</sup> PM – Damon Room

March 6<sup>th</sup> - Damon Room

Maps and hotel locator are at: <http://www.ucar.edu/org/bouldermap.shtml>

#### **Purposes of the meeting**

1. Capitalize on the enthusiasm, capabilities and commitment of the eGY community.
2. Share information about progress, related initiatives/developments
3. Identify and plan remaining activities and conference events
4. Identify and plan publications
5. Plan for succession – CODATA WG, IUGG Union Commission

#### **Social Events**

IUGG is sponsoring two evening Social events.

1. Tuesday March 4<sup>th</sup> commencing 6:30 pm at the home of Bill Peterson, 2296 Kalmia Ave, Boulder Colorado, 80304. Phone: 303-443-6888 See google map: <http://www.google.com/search?source=ig&hl=en&rlz=&q=2296+kalmia+ave+boulder+colorado&btnG=Google+Search>
2. Wednesday March 5<sup>th</sup>, Daemon Room at the NCAR Mesa Laboratories after the meeting at 6:00 pm. A light, stand-up dinner with wine and beer will be provided.

Please e-mail [Bill.Peterson@Lasp.colorado.edu](mailto:Bill.Peterson@Lasp.colorado.edu) if you plan to attend one or both of these events.

#### **Pre-Meeting Preparation**

Familiarise yourself with the objectives of the meeting

Put some thought into the anticipated products listed below. Please send additions/changes to the lists to Bill in writing (before or during the meeting).

The agenda is flexible – consider ways to improve it.

Come with your preferred definition of Informatics.

Check the eGY website for outdated items and inform Bill Peterson.

## Anticipated products

Plan for any eGY Summary Publication.  
 Work plan to December 2008, with dates and responsibilities.  
 Calendar of conferences & meetings with planned eGY events.  
 Updated plan for showcase demonstrations.  
 Input to the Earth and Space Science Informatics Summit, Rome 13-14 March  
 Updated lists of suggested activities for participants  
 List of articles for newsletters and journals, with authors  
 Further contributions to the eGY Spotlight series in EOS

## Handouts (CD and some hardcopy)

<i>eGY General Meeting'08</i>	Agenda List of meeting participants
<i>Information</i>	Activities for eGY participants - suggestions Astronomers data manifesto (draft) Earth & Space Sci Informatics Summit - Plan, Rome, March 2008 eGY Spotlight for Eos - guidelines eGY mail list subscribers (Team, Participants, Observers) eGY Officers (web archive) eGY Declaration eGY showcases (web archive) Geoinformatics journals
<i>Marketing (please, distribute)</i>	eGY Brochure eGY Flier eGY Poster eGY logos eGY Invitation, including the eGY Declaration eGY Introduction.ppt – a template for introductory presentations
<i>Reports</i>	EGU 2007, Vienna report (Peter Fox) eGY Accounts eGY Secretary's report eGY General Meeting 2007, Boulder - report eGY Showcases report SEG Report for 2007 SEG The Leading Edge articles
<i>eGY-Africa</i>	Plan for eGY-Africa Questionnaire eGY-Africa Report from IHY Workshop, Ethiopia (with resolution) IHY-Africa, Ethiopia Report (Sunanda Basu) IHY-Africa resolution
<i>Work Lists (copies appended to this agenda)</i>	Calendar of conferences, meetings, and events Proposed articles and items for newsletters eGY Spotlight in EOS - contributions eGY Action list

## Wednesday 5<sup>th</sup> March

08:30 Gather/Coffee and light breakfast. (Main Auditorium)

09:00 **Welcome** (Dan Baker, Exec.Director of LASP, Head of eGY)

09:15 **Opening remarks** (Tim Killeen, NCAR Director, AGU President)

09:30 **IPCC AR4 and AR5 and data challenge** (Lawrence Buja, NCAR)

Facilities; Reception arrangements (Peterson, Fox)

Objectives of the meeting

Review handouts

Modifications to the agenda?

**People introductions** (Baker)

**“eGY basics”** (Barton)

10:30 Break

10:45 **THE WORLD SCENE-1** (Parsons)

ICSU, SCID, FAGS (Fox)

CODATA and GICSI (Kihn)

Earth & Space Science Informatics: AGU, EGU, and GSA (Fox)

Earth & Space Science Informatics Summit, Rome (Barton)

ICSU World Data Centers (Clark)

GEOSS (Siri Jodha Khalsa)

The European GRID (Peditdidlier)

NASA Virtual Observatories and informatics (Roberts)

12:15 Group photo and Lunch in Cafeteria (join the natives)

**LOCATION: Damon Room**

13:30 **eGY-Africa** (Kebede)

Background and launch at the IHY Workshop in Addis Ababa (Barton)

Report on eGY-Africa (Mebrahtu, Secretary)

The African Scientific Network (Kebede)

Cyber-infrastructure in Africa; survey of Internet capability (Peditdidlier)

Discussion

14:15 **Fresh Perspectives** (Walker)

The EarthScope Data Portal (Meertens)

NASA Earth Science (Khalsa)

NSIDC (Weaver)

eGY and other research data management at Columbia University (Bose)

CIESIN perspective on eGY (Yetman)

14:45 **Plan for succession** (Barton)

CODATA WG (Kihn)

IUGG Union Commission (Fox)

GeoUnions (Barton)

Data Manifestos (Barton)

Strategic summary and messages/recommendations (Peterson)

Final Event (Peterson)

15:30 Break

**15:45 Identify and plan publications** (Baker)

- Informatics Journals (Fox)
- AGU monograph (Fox)
- eGY Spotlight Series in EOS (Barton)
- Newsletter items and articles
- Press releases, press conferences (Peterson)
- eGY Summary Publication (Peterson)

**17:00 OPEN DISCUSSION** (Parsons, Barton)

17:30 Close (Fox)

18:00 Reception in the Damon Room outer.

# Thursday 6<sup>th</sup> March

08:30 Gather and light breakfast (Damon Room throughout the day)

**08:40 Start** (Barton)

Summary & introduction to the day's program

**09:00 INTERNATIONAL SCIENCE YEARS** (Love)

IPY-DIS (Parsons)

IHY (Fuller-Rowell?, Joselyn?)

Last-minute speakers (arrange with Peterson)

**09:30 eGY REPORTS** (Parsons)

eGY Secretariat report & finance (Peterson)

eGY International Committee (Barton)

WG: Virtual Observatories (Fox)

WG: Data Rescue and Preservation (Love)

WG: Data Integration & Knowledge Development (Peterson for Bergmann)

WG Report: Best Practice (Kihn)

Conferences (Peterson, Fox)

eGY Showcase Projects (Peterson)

10:30 Break

**10:45 CONFERENCE & EVENT PREPARATION** (Peterson)

Virtual Observatories in the Geosciences (Fox)

IGC Oslo, Aug'08 (?)

Geoinformatics Summit (Barton)

COSPAR 2008, Montreal (Peterson)

CODATA 2008, Kiev (Barton)

AGU Dec'08 (Peterson)

Other conferences – see calendar

**11:15 Strategic discussion and Message of eGY** (Barton)

Update Worklists

What is the legacy eGY and how do we document it.

WDC policy

Wind-up event

Recommendations and resolutions

**13:00 Lunch in Cafeteria** (join the natives)

**14:30 OPEN DISCUSSION** (Fox)

Free agenda

**15:15 WINDUP** (Barton)

Summarise action items, timeline and responsibilities

Summarise worklists and confirm responsibilities

**16:00 Close**

**16:30 – 17:30 eGY-Africa meeting** to discuss detailed plans and funding

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## WORKLISTS

<b>Conferences</b>	<b>Union or Special session</b>	<b>Joint with Informatics section</b>	<b>Booth</b>	<b>Reception or special mtg</b>
ESI Summit, Rome, Mar 13-14	n/a	n/a	n/a	n/a
EGU, Vienna, April 2008				
Geoinformatics 2008 Potsdam, June'08				eGY – Europe mtg
AOGS, Bangkok, June'08				
ESIP Federation, July'08				
COSPAR, Montreal, July'08	yes			
Geoscience & Remote Sensing Symposium, Boston July 6-11	yes			
WPGM, Cairns, Australia July 29-Aug 1 '08	yes			
IGC, Oslo, August'08	yes			
VoiG 2008, Sep'08				
CODATA, Kiev, Oct'08				
Fifty Years after IGY= Modern Information Tehcnolgies and Earth and Solar Sciences, Tsukuba Japan, Nov 10-13, '08 <a href="http://wdc2.kugi.kyoto-u.ac.jp/igy50/">http://wdc2.kugi.kyoto-u.ac.jp/igy50/</a>	yes			
AGU, Dec'08				
Suggest a meeting ...				

## ARTICLES AND NEWSLETTER CONTRIBUTIONS

Revision history: CB060511,CB060920,CB070312  
 Custodian: Bill Peterson  
 Master located at: <http://www.egy.org/Working/workingdocs.html>

NEWSLETTERS	AUTHORS	NOTES
ASTRA		<a href="http://www.astra-science.net">http://www.astra-science.net</a>
Leading Edge (SEG)	Emily	October issue
COSPAR Information Bulletin		
EOS Data article	Barton, Weaver, Smith	1 <sup>st</sup> draft done
EOS eGY article	Dan Baker & eGY_Team	
IAGA News		
SPARC Newsletter		
Space Weather		
CODATA Newsletter		
ICSU Insight		
EGGS newsletter of EGU		
ESSI Newsletter	tbd	
CAWSES newsletter	tbd	
EOS cost-benefit article	Peterson, Kihn	Submit October 2006
<a href="http://www.eomonline.com/EOM_Jun05/department01a.php#bottom">http://www.eomonline.com/EOM_Jun05/department01a.php#bottom</a>		Re Declaration
<b>JOURNALS</b>		
E.S. Informatics monograph	Peter Fox, ESSI	Outline drafted
Science - article		Dan to speak to Andrew Lawler
Physics Today short article	Steve	
Physics Today full article	Steve, Dan, Charlie, Bill, Peter, Emily	
Best Practices	Eric's WG	To be requested
<b>E&amp;SS Informatics Journals</b>		
CODATA - Data Science Journal	Special eGY issue as windup event	Does special issues
AGU monograph series		
J Earth Sci Informatics. Printed and electronic	Peter Fox is on Ed board	Springer-Verlag.. Strong in geoscience. Applications oriented.
Computers & Geosciences	Special issue	Research journal. Subscription only.
EGU – Advances in Geosciences		
EGU informatics journal?	Bernd?	
AGU Geoinformatics e-journal		Proposed only at this stage
GSA – no plans yet		

## eGY Spotlight for EOS

Revised: 080223

Planned contributions Exact title to be chosen by author(s)	Progress (grey = to be invited)	Email
A 21 <sup>st</sup> Century Vision for an Earth & space science information commons	Dan Baker, C.Barton, W.Peterson – agreed. Kickoff article	<a href="mailto:Daniel.Baker@lasp.colorado.edu">Daniel.Baker@lasp.colorado.edu</a>
Launch of eGY, Perugia – side box to above	E.CoBabe-Amman? Bill Peterson?	<a href="mailto:ecobabe@lasp.colorado.edu">ecobabe@lasp.colorado.edu</a> <a href="mailto:pete@lasp.colorado.edu">pete@lasp.colorado.edu</a>
eGY themes and the Declaration – side box to above.	Charlie.Barton agreed	<a href="mailto:cebarton@gmail.com">cebarton@gmail.com</a> ,
A new paradigm for Data Science and data management	Ron Weaver, Roger Smith, C.Barton	<a href="mailto:weaverr@nsidc.org">weaverr@nsidc.org</a> , <a href="mailto:roger.smith@qi.alaska.edu">roger.smith@qi.alaska.edu</a> ,
eGY-Africa: cyber-infrastructure for science in Africa	C.Barton agreed 28/10/07 Gilbert Rochon agreed Monique Petitdidier?	<a href="mailto:monique.petitdidier@cetp.ipsl.fr">monique.petitdidier@cetp.ipsl.fr</a> ,
AGU Earth and Space Science Informatics	24/10/07 Peter.Fox agreed	
EGU Earth and Space Science Informatics	24/10/07 Peter.Fox agreed 28/10/07 Stefano Nativi agreed 22/2/08 Nativi acknowledged rules	<a href="mailto:nativi@imaa.cnr.it">nativi@imaa.cnr.it</a> ,
The information era: AGU's role?	Fred Spilhaus?	<a href="mailto:fspilhaus@agu.org">fspilhaus@agu.org</a> ,
<b>INTERNATIONAL</b>		
GEOSS data policy and implementation guidelines	26/10/07 Bob Chen (CODATA) agreed	<a href="mailto:bchen@ciesin.columbia.edu">bchen@ciesin.columbia.edu</a> ,
The GEOSS Data & Architecture Cmte	1/11/07 Jay Pearlman offered 2/11/07 Acknowledged 5/11/07 add Paul Racette 5/11/07 JP contacted Siri Jodha Khalsa	<a href="mailto:jay.pearlman@boeing.com">jay.pearlman@boeing.com</a> , <a href="mailto:Paul.E.Racette@nasa.gov">Paul.E.Racette@nasa.gov</a> , <a href="mailto:sisk@nsidc.org">sisk@nsidc.org</a> ,
GEO Standards & Interoperability Forum	7/11/07 Siri Jodha Khalsa agreed	<a href="mailto:sisk@nsidc.org">sisk@nsidc.org</a> ,
IPY Data & Information System	28/10/07 Mark Parsons agreed	<a href="mailto:parsonsm@nsidc.org">parsonsm@nsidc.org</a> ,
IPY Data Policy and Data Sharing	28/10/07 Mark Parsons agreed. 26/10/07 Bob Chen agreed to help out	
IHY Data Policy and implementation	Barbara Thompson?	<a href="mailto:Barbara.J.Thompson@nasa.gov">Barbara.J.Thompson@nasa.gov</a>
Report from ICSU's Scientific Committee for Information and Data (SCID)	24/10/07 P.Fox agreed	
The WDC System – where now?	29/10/07 Bernard Minster agreed 29/10/07 Dave Clark agreed 26/10/07 Bob Chen will help out	<a href="mailto:jbminster@ucsd.edu">jbminster@ucsd.edu</a> , <a href="mailto:David.M.Clark@noaa.gov">David.M.Clark@noaa.gov</a> , <a href="mailto:bchen@ciesin.columbia.edu">bchen@ciesin.columbia.edu</a> ,
CODATA - what it is, what it does, where it is going	26/10/07 Bob Chen agreed	
Science Commons and copyright	John Wilbanks?	
CEOS-WGISS - what it is, what it does, where it is going	Ken McDonald?	<a href="mailto:Kenneth.mcdonald@noaa.gov">Kenneth.mcdonald@noaa.gov</a>
OGC - what it is, what it does, where it is going	..... ? Bob Chen will help out	
One Geology: a 21st Century digital geological map of the World	Ian Jackson?	<a href="mailto:ij@bgs.ac.uk">ij@bgs.ac.uk</a> ,
GeoSciML - a data model for the Earth Sciences	Lesley Wyborn?	<a href="mailto:lesley.wyborn@ga.gov.au">lesley.wyborn@ga.gov.au</a> ,
<b>SYSTEMS</b>		
Virtual Observatories	24/10/07 Peter Fox agreed 28/10/07 Gilbert Rochon agreed	<a href="mailto:pfox@ucar.edu">pfox@ucar.edu</a> , <a href="mailto:rochon@purdue.edu">rochon@purdue.edu</a> ,
VMO – Virtual Magnetospheric Observatory	Ray Walker agreed 27/10/07	<a href="mailto:rwalker@igpp.ucla.edu">rwalker@igpp.ucla.edu</a> ,
Marine Metadata Interoperability	27/10/07 John Graybeale agreed 31/10/07 Confirmed	<a href="mailto:graybeal@mbari.org">graybeal@mbari.org</a> ,
Earth system Grid	27/10/07 Gary Strand, suggested by Lawrence Buja	<a href="mailto:strandwg@ucar.edu">strandwg@ucar.edu</a> , <a href="mailto:southern@ucar.edu">southern@ucar.edu</a>
Earth Observation System – Data & Information System	Bill Emery invited	<a href="mailto:emery@colorado.edu">emery@colorado.edu</a> ,
Geomagnetism and palaeomagnetism information needs for the 21 <sup>st</sup> Century	Mioara Manda invited, with Cathy Constable?, Volodya Papitashvili? 25/2/08 Mioara emailed others	<a href="mailto:mioara@gfz-potsdam.de">mioara@gfz-potsdam.de</a> , <a href="mailto:cconstable@ucsd.edu">cconstable@ucsd.edu</a> , <a href="mailto:papita@geo-mag.net">papita@geo-mag.net</a> ,
Canadian Space Data Portal	1/11/07 Robert Rankin offered 1/11/07 Acknowledged	<a href="mailto:rankin@phys.ualberta.ca">rankin@phys.ualberta.ca</a>



SuperMAG global magnetometer initiative	1/11/07 Jesper Gjerloev offered 1/11/07 Acknowledged	<a href="mailto:Jesper.Gjerloev@jhuapl.edu">Jesper.Gjerloev@jhuapl.edu</a>
LISN distributed geophysical observatory for South America	1/11/07 Cesar Valladares offered 3/11/07 discussed & clarified	<a href="mailto:valladar@bc.edu">valladar@bc.edu</a>
World-wide integration of Neutron Monnitors	6/11/07 Helen Mavromichalaki offered (via Michael Gehmeyr)	<a href="mailto:emavromi@phys.uoa.gr">emavromi@phys.uoa.gr</a> , <a href="mailto:gehmeyr@lasp.colorado.edu">gehmeyr@lasp.colorado.edu</a>
<b>NATIONAL &amp; REGIONAL</b>		
Italy. electronic Space Weather Upper Atmosphere data system	Lucilla Alfonsi Georgiana De Franchesi Vincenzo Romano	<a href="mailto:lucilla.alfonsi@ingv.it">lucilla.alfonsi@ingv.it</a> , <a href="mailto:defranceschi@ingv.it">defranceschi@ingv.it</a> , <a href="mailto:romano@ingv.it">romano@ingv.it</a>
US National Geoinformatics initiative	27/10/07 Walter Snyder agreed	<a href="mailto:wsnyder@boisestate.edu">wsnyder@boisestate.edu</a>
US. Geoinformatics in the Geological Society of America	Krishna Sinha?	pitlab@vt.edu,
US National Geologic Map Database ( <a href="http://www.ngmdg.usgs.org">www.ngmdg.usgs.org</a> )	1/11/07 David Percy, Steve Richards, Dave Soller offered. Accepted 10/2/08 target date	<a href="mailto:percyd@pdx.edu">percyd@pdx.edu</a>
S.America: LISN network - GPS, mags, ionosondes	1/11/07 Cesar Valladares offered	<a href="mailto:valladar@bc.edu">valladar@bc.edu</a>
<b>MEETINGS, EVENTS</b>		
The Geoinformatics Summit, Rome 13-14th March 2008	I.Jackson P.Fox, C.Barton	
<b>POTENTIAL CONTRIBUTIONS</b>		
Egypt	Dr. Gad El-Qady,	<a href="mailto:gadosan@yahoo.com">gadosan@yahoo.com</a>
Egypt	Dr. Madgy Wahab	<a href="mailto:magdy_wahab@yahoo.com">magdy_wahab@yahoo.com</a>

## ACTION LOG

Revision history: ... WP30,CB31,CB070312,WP070316, wkp0327

Custodian: Bill Peterson

Master located at: <http://www.egy.org/Working/workingdocs.html>

Task	Lead person(s)	Target dates	Status / Notes
Ontology & VO monograph	Fox, Papitashvili, Roberts, VoiG SOC	?	Drafted
eGY Spotlight in Eos	Charlie	2008	Terms agreed with AGU
eGY lead article for EOS	D Baker, Bill, Charlie	Mar 08	
Data paradigm article for EOS	C Barton, Ron Weaver, Roger Smith	Apr 08	1 <sup>st</sup> draft completed
Data Website Demo	Peter Fox	Start '06 End '08	PETER TO COMPLETE IPY does this for eGY?
Brochure of examples to demonstrate eGY principles	Emily	Jul 06	Get input from others
Brochure to sell eGY principles to CIO's	Emily	Jul 06	1 <sup>st</sup> draft – DONE
Science editorial	Dan, Charlie, Emily	Jul 06	Dan to speak to Lauer (sp?)
Physics Today article	Dan, Charlie	Mar 07	
Elevator presentation	C Barton, E. Hildner	Ju 06	Add to Introduction.ppt
CAWSES VO demo	Janet Kozyra		In preparation. Narration needed
VoiG Conf publications	Peter Fox	2008	Conf & proceedings by Dec'07
E&SS Informatics Summit	Charlie	Mar'08	
IGC'08 Oslo	Lesley	Aug'08	
CODATA'08 Kiev	Alexei, Peter, Eric, Dave, Charlie	Sep? 08	
JA'08 AGU		May 08	
Fall AGU, San Francisco	Bill, Peter, Emily, Dan	Dec 08	
Proposal to WDC Panel	Charlie, Kathy, Peter	Mar'07	
WDC recommendations	Jeff, Emily		WG report paper to be published
Course in Data management	Ron Weaver, Ray Walker		
Investigate access to private sector data	Ralph, Keith		Run a test case.
Stimulate funding for data rescue	Alexei		
Best Practice Portal	WGBP, Eric Kihn		Beta version ready
Best Practice Demo	Eric Kihn		
Best Practices article	eGY & CODATA WGs		
SCID	Peter	Aug? 08	
SEG Leading Edge Issue	Ralph/Emily	Oct 07	

Share publicity with IYPE	Bill, Keith		
Bring IYPE into eGY-EPO	Emily		
1-page handout template for demos	Aaron, Bill, Peter, Emily		
Emergency Mngt demo	Charlie		GEOINSIGHT, GDIN
Press release/conference support	Emily, Bill		
Proposal for Data Project to GeoUnions	Charlie, Bill , Peter	Apr'07	
Wind-up publication	Emily, Bill, Charlie	Dec'08	
Wind-up event	Emily	31 Dec 08	Cyber toast. eGY banner on Everest, Taj Mahal, LASP, ....