

**PROGRAM OVERVIEW**
**Tuesday, August 28, 2012**

0800 - 1400:	<i>Registration</i>
1400 - 1545:	Opening Session (Conveners: <i>Michael Nyenhuis, Hans-Peter Plag</i> )
1400 - 1410	<i>Michael Nyenhuis</i> : Welcome and Opening Remarks
1410 - 1425	<i>Armin B. Cremers, Deputy Rector of the University of Bonn</i> : Welcome Note by University of Bonn
1425 - 1435	<i>Paul Becker, Vice President DWD</i> : Welcome Note on Behalf of German GEO ( <a href="#">pdf</a> )
1435 - 1450	<i>Barbara Ryan, Director, GEO Secretariat</i> : Welcome Note on Behalf of GEO ( <a href="#">ppt</a> )
1450 - 1500	<i>Christiana Figueres, Executive Secretary, UNFCCC Secretariat</i> : Welcome Note on Behalf of UNFCC ( <a href="#">avi</a> )
1500 - 1545	<i>James P.M. Syvitski</i> : Keynote: <i>Observing the Anthropocene - The Geology of Humanity</i> ( <a href="#">pptx</a> , <a href="#">abstract</a> , <a href="#">biography</a> )
1545 - 1615:	<i>Coffee Break</i>
1615 - 1630	<i>Michael Nyenhuis, Hans-Peter Plag</i> : GEOSS Science and Stakeholder Network and Workshop Goals ( <a href="#">ppt</a> )
1630 - 1800:	<b>P1</b> : Science of the MDGs and Global Sustainability: Identifying Future Goals, Targets and Indicators (Conveners: <i>Anantha Duraiappah, Rick Lawford</i> )
1630-1640	<i>Anantha Duraiappah</i> : Science of the MDGs and Global Sustainability: Identifying Future Goals, Targets and Indicators ( <a href="#">ppt</a> )
1640-1650	<i>Rick Lawford</i> : Earth Observations and Sustainable Development Goals ( <a href="#">pptx</a> )
1650-1700	<i>Heidi Wittmer</i> : Science of the MDGs and Global Sustainability: Identifying Future Goals, Targets and Indicators ( <a href="#">ppt</a> )
1700-1710	<i>Wolfgang Cramer</i> : Observations, Sustainable Development and the Millennium Development Goals ( <a href="#">pdf</a> )
1710-1740	<i>All</i> : Discussion
1740-1800	<i>Conveners</i> : Key lessons learnt

**Wednesday, August 29, 2012**

0830 - 0900:	<i>Coffee</i>
0900 - 1045:	<b>P2</b> : Research for MDGs and future earth sustainability (Conveners: <i>Steven Wilson, Heide Hackmann</i> )
0900-0920	<i>Steven Wilson</i> : The Future Earth Initiative ( <a href="#">pptx</a> )
0920-0940	<i>Wolfgang Cramer</i> : Research on Biodiversity and Ecosystem Services ( <a href="#">pdf</a> )
0940-1000	<i>Sybil Seitzinger</i> : International integrated geosphere-biosphere research programs ( <a href="#">pptx</a> )
1000-1020	<i>Ghassem Arar</i> : International climate research programs ( <a href="#">ppt</a> )
1020-1040	<i>Juan-Carlos Villagran</i> : International disaster research programmes: from knowledge to resilience ( <a href="#">ppt</a> , <a href="#">abstract</a> , <a href="#">biography</a> )
1045 - 1115:	<i>Coffee Break</i>
1115 - 1300:	<b>P3</b> : Earth Observations in Support of Research for the MDGs and Global Sustainability ( <a href="#">Introductory slides</a> ; Conveners: <i>Ghassem Arar, Carol B. Meyer, Sybil P. Seitzinger</i> )
1115-1135	<i>Peter Verburg</i> : Role of observing human-land cover interactions to monitor and model impacts on ecosystem service and human well-being ( <a href="#">pptx</a> , <a href="#">biography</a> )
1135-1155	<i>Charles Huchinson</i> : Earth observation and information technologies for eradicating hunger ( <a href="#">pptx</a> , <a href="#">biography</a> )
1155-1215	<i>Vivian Lutz</i> : Phytoplankton & Society: Applications of Satellite Ocean Color ( <a href="#">ppt</a> , <a href="#">biography</a> )
1215-1300	<i>All</i> : Discussion
1300 - 1400:	<i>Lunch</i>
1400 - 1545:	<b>P4</b> : GEOSS Strategic Targets and Their Alignment to MDGs and Global Sustainability Research (Conveners: <i>Greg Withee, Douglas Cripe</i> )
1400-1420	<i>Greg Withee</i> : GEOSS Strategic Targets: Guiding principles and motivation ( <a href="#">ppt</a> )
1420-1440	<i>Alan Edwards</i> : Feedback on Use of the Strategic Targets by the Implementation Boards ( <a href="#">pptx</a> )
1440-1450	<i>Douglas Cripe</i> : Use of the Strategic Targets for Work Plan Development ( <a href="#">ppt</a> )
1450-1510	<i>Gary Foley</i> : The Use of the Targets by the Institutions & Development Implementation Board in Monitoring the Work Plan Implementation ( <a href="#">pptx</a> )
1510-1530	<i>Lars Ingolf Eide</i> : Monitoring GEO's success against the Strategic Targets and meeting the Targets with a bottom-up approach to the GEO Work Plan ( <a href="#">pptx</a> )
1530-1600	<i>Barbara Ryan</i> : Alignment of the GEOSS Strategic Targets to MDGs and global sustainability research needs ( <a href="#">pptx</a> )
1530-1545	<i>All</i> : Discussion
1545 - 1615:	<i>Coffee Break</i>
1615 - 1815:	<b>P5</b> : GEOSS' support for MDGs and Future Earth Research (Conveners: <i>Douglas Cripe, Georgios Sarantakos</i> )
1615-1635	<i>Kym Wilson</i> : EO2HEAVEN contribution to Health ( <a href="#">ppt</a> )
1635-1655	<i>Peter Baumann</i> : The EarthServer initiative: towards Agile Big Data Services ( <a href="#">ppt</a> , <a href="#">abstract</a> , <a href="#">biography</a> )
1655-1715	<i>Mick Wilson</i> : GEOSS/UNEP-Live collaboration ( <a href="#">ppt</a> )
1715-1735	<i>Douglas Cripe</i> : GEOSS-IPCC recommendations ( <a href="#">ppt</a> )
1735-1755	<i>Steffen Fritz</i> : The role of Earth Observation in agriculture to support Food Security and the MDG ( <a href="#">pptx</a> )
1755-1815	<i>Anne Larigauderie</i> : GEO BON: Addressing the observation needs of the UN Strategic Plan for Biodiversity 2011-2020 ( <a href="#">ppt</a> )
1900 - 2100:	<i>Hosted Group Dinner</i>

**Thursday, August 30, 2012**

0830 - 0900:	<i>Coffee</i>
0900 - 1045:	(Plenary room) <b>B1</b> : Environmental Sustainability and Poverty (Conveners: <i>James Syvitski, Alberto C. Riccardi</i> )

- 0900-0920 *Anantha Duraiappah*: Human Development programs
- 0920-0940 *Alex de Sherbinin*:
- 0940-1000 *Fabrice Renaud*: Ecosystems, their Services and Disaster Risk Reduction — Examples from Coastal Areas ([abstract](#), [biography](#))
- 1000-1045 *All*: Discussion
- 0900 - 1045: (Seminar room VII) **B2**: Biodiversity (Conveners: *Anne Larigauderie*, *Rob Jongman*, *Gary Geller*)
- 0900-0920 *Anne Larigauderie*: Building a global observing system for biodiversity: the GEO BON Initiative
- 0920-0940 *Rob Jongman*: Essential Biodiversity Variables: towards an agreement on a common approach for biodiversity.
- 0940-1000 *Wolfgang Cramer*: A blueprint for a global operational ecosystem services observation system, based on data and models.
- 1000-1045 *All*: Discussion.
- 1045 - 1115: *Coffee Break*
- 1115 - 1300: (Plenary room) **B4**: Food and Water Security (Conveners: *Gordon Young*, *Anik Bhaduri*)
- 1115-1130 *Gordon Young*: Overview of water security challenges ([biography](#))
- 1130-1145 *Anik Bhaduri*: Overview of food security challenges ([biography](#))
- 1145-1205 *Rick Lawford*: Water security ([biography](#))
- 1205-1225 *Jens Liebe*: Food security ([abstract](#), [biography](#))
- 1225-1300 *All*: Discussion: How can the Earth science community help solving water and food security issues?
- 1115 - 1300: (Seminar room VII) **B5**: Health (Conveners: *Gary Foley*, *Joerg Szarzynski*)
- 1115-1135 *Gary Foley*: GEO Health
- 1135-1155 *Detlef Böcking*: Supporting Health Research Networks in Sub-Saharan Africa. An initiative of the German Ministry of Education and Research (BMBF)
- 1155-1215 *Peter Heudtlass*: Mapping vulnerability - MDGs and Earth observation in disaster epidemiology
- 1215-1235 *Rupert Gerzer*: Telemedicine for remote areas and in emergency situations
- 1235-1300 *All*: Discussion: How can the Earth observation improve health services?
- 1115 - 1300: (Seminar room IX) **B6**: Science-Policy-Interface (Conveners: *Peter Haugan*, *Kathleen Fontaine*, *Hans-Peter Plag*)
- 1115-1120 *Conveners*: Introduction: Challenges, Objectives, Goals
- 1120-1130 *Peter Haugan*: From observing system evidence to policy: Why the linear model of science does not work for complex issues like climate change.
- 1130-1140 *Kathy Fontaine*: The Current Role of GEO in the Science and Technology Context
- 1140-1150 *Ghassem Asrar*: Use of data in public services
- 1150-1205 *Imraan Saloojee*: Meeting Global Challenges through Better Governance: International co-operation in science, technology, and innovation.
- 1205-1220 *Paolo Mazzetti*: The Model Web approach: a push-pull component for the science-policy interface?
- 1220-1250 *All*: Discussion of the core questions
- 1250-1300 *Conveners*: Session summary
- 1300 - 1400: *Lunch*
- 1400 - 1545: **P6**: Synthesis of the Breakout Sessions (Conveners: *Stuart Marsh*, *Hans-Peter Plag*)
- 1400-1410 *Michael Nyenhuis*: B1: Environmental sustainability and poverty
- 1410-1420 *Anne Larigauderie*, *Rob Jongman*: B2: Biodiversity
- 1420-1430 *Alisher Mirzabaev*: B4: Food and water security ([biography](#))
- 1430-1440 *nn*: B5: Health
- 1440-1450 *nn*: B6: Science-policy interface
- 1450-1530 *All*: Discussion
- 1530-1545 *Stuart Marsh and Hans-Peter Plag*: Summary of conclusions, recommendations, and proposed actions.
- 1545 - 1615: *Coffee Break*
- 1615 - 1800: **P7**: The Way Forward (Conveners: *Barbara Ryan*, *Kathleen Fontaine*)
- 1615-1625 *Maria Uhle*: Belmont Forum International Opportunities Fund: Helping to Catalyze International Collaboration for Global Change Research for Sustainability
- 1625-1640 *nn*: Draft Declaration
- 1640-1800 *All*: Discussion

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#### Friday, August 31, 2012

- 0830 - 0900: *Coffee*
- 0900 - 1045: **P8**: Towards an Action Plan (Conveners: *Paola Campus*, *Jay Pearlman*)
- 0900-0915 *nn*: A draft action plan up to 2015
- 0915-1000 *Panel (members tbd)*: Discussion: Serving global sustainability research: Actions for GEO
- 1000-1030 *All*: Discussion: Utilizing the societal benefits of GEOSS: Actions for the GEOSS S&T Stakeholder network
- 1030-1045 *nn*: Revised action plan
- 1045 - 1115: *Coffee Break*
- 1115 - 1245: **P9**: Preparing Input for the Post-2015 Working Group (Conveners: *Alan Edwards*, *Helmut Staudenrausch*)
- Program to be determined*
- 1245 - 1300: Final Remarks and Workshop Closing

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