AGENDA

GEO WORK PLAN SYMPOSIUM 2010

17-19 May 2010
St George’s Hotel, 58 Old Pretoria,
Kempton Park Road, Rietvleidam
Pretoria, South Africa

Monday 17 May

08:30 1. Opening Event – GEO South Africa

08:30 Welcome & Opening Address – Phil Mjwara, DG DST
08:45 A 2010 GEOSS Overview – Alexia Massacand, GEO Secretariat
09:00 National Space Strategy and ARMC – Sandile Malinga, Head South African Space Agency
09:20 SAEOS Portal – Wim Hugo, SAEON
09:40 SARV Atlas – Emma Archer, CSIR
10:00 Discussion

10:30 Coffee Break

11:00 South Africa and Water – Carey Rajah, DWA
11:20 Rural Development/Agriculture – Terry Newby, ARC
11:40 Disasters Management – Wiseman Mkhonza, NDMCC
12:00 Council for Geo Sciences – Luc Chevallier, CGS
12:20 Discussion

12:30 Lunch


Introduction
Objectives/Deliverables
• Work Plan Implementation
• 2011 Work Plan Update
• Beijing Ministerial Summit Exhibition
• 2012-2015 Work Plan

14:00 3. Towards Improved Coordination Across GEOSS Areas

For each area, taking each overarching Task in turn
Individual (sub)task Presentations
5-10 min; each addressing the Symposium Objectives
Follow-up Discussion to Improve Synergies and Cross-Fertilization
Focus on Work Plan Implementation and 2011 Work Plan Update
Chair: Alan Edwards, European Commission

ARCHITECTURE

14:00 AR-09-01: GEOSS Common Infrastructure (GCI)
a: Deployment of a GEOSS Architecture – Doug Nebert, USA & Siri-Jodha Kahlsa, IEEE
b: GEOSS Architecture Implementation Pilot – George Percivall, OGC
c: GEOSS Best Practices Registry – Siri-Jodha Kahlsa, IEEE
d: Ontology and Taxonomy Development – Ryosuke Shibasaki, Japan

14:45 AR-09-02: Interoperable Systems for GEOSS
a: Virtual Constellations – Ivan Petiteville, CEOS
b: WIS – WMO
c: Sensor Web Enablement for In-Situ Observing Networks – Terence van Zyl, South Africa

15:10 AR-09-03: Advocating for Sustained Observing Systems
d: Global Observing System (GOS) – WMO
e: Global Geodetic Observing System (GGOS) – Ludwig Combrinckt, South Africa

15:25 AR-09-04: Dissemination and Distribution Networks
a: GEONETCast – Linda Moodie, USA & Shunfang Wang, China
b: GEONET – Mirko Albani, ESA & Mehmet Ulema, IEEE

15:45 AR-06-11: Radio Frequency Protection – Alan Edwards, EC

15:50 Architecture Strategy – Ivan DeLoatch, USA

16:00 Coffee Break

DATA MANAGEMENT

16:30 DA-06-01: GEOSS Data Sharing Principles – Linda Moodie, USA & Alan Edwards, EC

16:55 DA-09-01: Data Management
a: GEOSS Quality Assurance Strategy – Gyanesh Chander, USA
b: Data, Metadata and Products Harmonisation – Kenneth McDonald, USA
c: Long Term Preservation of Earth Observation Data – Mirko Albani, ESA

17:30 DA-09-02: Data Integration and Analysis
a: Data Integration and Analysis Systems – Toshio Koike, Japan
c: Global Geodetic Reference Frames – Richard Wonnacott, South Africa

17:40 DA-09-03: Global Data Sets
a: Digital Geological Map Data – Stuart Marsh, UK
d: Global DEM – Ivan Petiteville, CEOS

c: Global Geological Map Data

17:50 Data Management Strategy – Alessandro Ammoni, EC

18:00 Day-Closing Presentation
“Eyes on Earth Summit” – Marc Sorensen, Abu Dhabi UAE

18:15 Adjourn
Tuesday 18 May

08:30  3. Towards Improved Coordination Across GEOSS Areas (cont’)

Chair: Toshio Koike, Japan

WATER

08:30  WA-06-02: Droughts, Floods and Water Resource Management – Rick Lawford, Canada

08:45  WA-06-07: Capacity Building for Water Resource Management
a: Latin America – Rick Lawford, Canada
b: Africa – Toshio Koike, Japan and Ivan Petiteville, CEOS
c: Asia – Toshio Koike, Japan

09:15  WA-08-01: Integrated Products for Water Resource Management and Research
a-d: Soil Moisture; Runoff; Groundwater; Precipitation – Rick Lawford, Canada
e: Water Cycle Data Integration – Toshio Koike, Japan
f: Improved Water Discovery and Quality Assessments – Jay Pearlman, IEEE
g: Global Water Quality Monitoring – Tiit Kutser, Estonia & Stewart Bernard, Canada

BIODIVERSITY

10:00  BI-07-01: Developing a Biodiversity Observation Network
a: Biodiversity Observation Network (GEO BON) – Bob Scholes, South Africa
b: Invasive Species Monitoring System – Brad Reed for Annie Simpson, USA

10:30  Coffee Break

CLIMATE

11:00  CL-09-01: Environmental Information for Risk Management and Adaptation
a: Enhanced Climate, Weather, Water & Environmental Prediction – David Parsons, WMO
b: Climate Information for Decision-making and Adaptation – Anna Kuhn, GCOS

11:20  CL-09-02: Accelerating the Implementation of the Global Climate Observing System
a: Key Observations for Climate – Anna Kuhn, GCOS
b: Key Climate Data from Satellite Systems – Ivan Petiteville, CEOS

11:40  CL-09-03: Global Carbon Observation and Analysis System
a: Integrated Global Carbon Observation (IGCO) – Han Dolman, Netherlands
b: Forest Carbon Tracking – Øystein Nesje, Norway
c: Global Monitoring of Greenhouse Gases from Space – Ivan Petiteville, CEOS

HEALTH

12:15  HE-09-01: Information Systems for Health – George Jungbluth, USA

12:30  HE-09-02: Monitoring and Prediction Systems for Health
a: Aerosol Impacts: Research, Monitoring & Prediction – David Parsons, WMO
b: Air Quality Observations, Forecasting and Public Information – Gary Foley, USA
d: Global Monitoring of Atmospheric Mercury – Florence Béroud, EC

13:00  Lunch
14:00 3. Towards Improved Coordination Across GEOSS Areas (cont’)

Chair: Stuart Minchin, Australia

HEALTH (cont’)

14:00 HE-09-03: End to End Projects for Health
a: Implementation of a Meningitis Decision-Support Tool – Tinni Seydou, ACMAD
b: Towards a Globally Coordinated Malaria Warning System – George Jungbluth, USA
c: Ecosystems, Biodiversity & Health: Decision Tools & Research – Gary Foley, USA

ENERGY

14:30 EN-07-01: Management of Energy Sources – Emile Elewaut, EC (EnerGEO)
14:40 EN-07-02: Energy Environmental Impact Monitoring – Emile Elewaut, EC (EnerGEO)

WEATHER

15:00 WE-06-03: TIGGE and the Development of GIFS – David Parsons, WMO
15:15 WE-09-01: Capacity Building for High-Impact Weather Prediction – David Parsons, WMO

DISASTERS

15:30 DI-06-09: Use of Satellites for Risk Management – Ivan Petiteville, CEOS
15:40 DI-09-01: Geohazards Risk Assessment – Stuart Marsh, UK
15:50 DI-09-02: Multi-Risk Management – Stuart Marsh, UK & Ivan Petiteville, CEOS
16:00 DI-09-03: Warning Systems for Disasters – Hans-Peter Plag, IEEE

16:15 Coffee Break

AGRICULTURE

16:45 AG-06-02: Data Utilization in Fisheries and Aquaculture – Stewart Bernard, Canada
17:00 AG-07-03: Global Agricultural Monitoring – Jai Singh Parihar, India

ECOSYSTEMS

17:15 EC-09-01: Ecosystem Observation and Monitoring Network (GEO EcoNet)
c: Regional Networks for Ecosystems – Stewart Bernard, Canada
e: Forest Mapping and Change Monitoring – Brad Reed for Adam Gerrand, FAO

17:40 EC-09-02: Ecosystem Vulnerability to Global Change
c: Vulnerability of Sea Basins – Jay Pearlman for Anthony Lehmans, EC (Envirogrids)
d: Vulnerability of Mountain Regions – Elisa Vuillermoz, Italy

18:00 Adjourn

18:30 Buses leave St Georges Hotel
19:30 Symposium Dinner at Lesedi Cultural Village
Wednesday 19 May

08:30  3. Towards Improved Coordination Across GEOSS Areas (cont’)

Chair: Rick Lawford, Canada

CAPACITY BUILDING

08:30  CB-09-01: Resource (or Seville Roadmap) Mobilization – Ana Casals, Spain

08:45  CB-09-02: Building Individual Capacity in EO
a: Cross Border Education and Training in EO – Chris Mannaerts, Netherlands
d: CBERS/GEO Capacity Building Network – Hilcea Ferreira, Brazil
g: GEONETCast Training – George Jungbluth, USA

09:15  CB-09-03: Building Institutional Capacity to Use EO
a: Building National and Regional Capacity – Norberto Fernandez, UNEP
b: Establishing Regional Capacity Building Networks – Chris Mannaerts, Netherlands
d: Building Capacity for Operational Oceanography – Alan Edwards, EC

09:40  CB-09-04: Capacity Building Needs and Gap Assessment
a: Identifying Best Practices, Gaps and Needs – Chris Mannaerts, Netherlands
b: Capacity Building Performance Indicators – Noureddine Filali, Morocco

10:00  CB-09-05: Infrastructure Development and Technology
a: Open Source Software – Karine Ferreira, Brazil
b: CBERS – Hilcea Ferreira, Brazil
c: SERVIR Expansion – Tyra Brown, USA
d: Geo-resources Services for Africa – Stuart Marsh, UK
e: Data Democracy – Hilcea Ferreira, Brazil

10:45  Coffee Break

11:15  CB-10-01: Building Capacity through outreach and Awareness Raising
a: Earth Observation Game for Youth – Jay Pearlman, IEEE
b-c: Capacity for Non-technical Decision-makers; User Workshops – Françoise Pearlman, IEEE
d: Atlases of our Changing Environment – Ashbindu Singh, UNEP

SCIENCE AND TECHNOLOGY

11:50  ST-09-01: Catalyzing R&D Funding for GEOSS – Florence Béroud, EC
12:10  ST-09-02: Promoting Awareness and Benefits of GEO – Hans-Peter Plag, IEEE

USER ENGAGEMENT

a: Identifying Synergies between Societal Benefit Areas – Kathy Fontaine, USA
b: Communities of Practice and Partnership Development – Gary Foley, USA

12:50  US-09-02: Socio-Economic Indicators
  c: Global Road and Human Settlements Mapping on GEO Grid – Hiroyuki Miyazaki, Japan

13:00  Lunch
4. General Discussion

Chair: José Achache, GEO Secretariat

Beijing Ministerial Summit
14:00 Overview of Summit Preparation
14:10 Status of the 2010 Baseline Initiative – Brad Reed
14:20 Discussion around Exhibition and Outreach Publications

Towards the 2012-2015 Work Plan
Thoughts and Suggestions for the next Work Plan

GEOSS Implementation
2011 Work Plan Update
Summary of Session 3 Outcomes:

15:00 Architecture, Weather – Koki Iwao
15:10 Data Management, Climate, Agriculture – Rob Koopman
15:20 Water, Disasters, Science & Technology – Doug Cripe
15:30 Biodiversity, Ecosystems, User Engagement – Brad Reed
15:40 Health, Energy, Capacity Building – Fernando Ramos

15:50 Final Comments

5. Conclusions – Next Steps

Follow-up Actions
Schedule - 2011 Work Plan Update

6. Any Other Business

16:15 Adjourn

*** Reminder ***

Invitation for
GEO Web Portal Usability Testing
When? Any time during the Week
Where? Exhibition Hall

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