

Communities of Practice

Communities of Practice



APPENDIX A: GEO COMMUNITIES OF PRACTICE

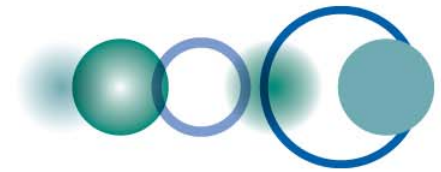
DEFINITION

A Community of Practice (CoP) is a user-led community of stakeholders, from providers to the final beneficiaries of Earth observation data and information, with a common interest in specific aspects of societal benefits to be realized by GEOSS implementation.

OBJECTIVES

Each CoP will have slightly different objectives, however common objectives will include:

- a. Identify, gather, and seek agreement on their particular user community requirements;
- b. Provide a forum for cooperation of activities where GEOSS adds value to existing initiatives, to identify linkages and opportunities for collaborative strategic and technical projects and to coordinate the delivery of some GEOSS targets to enable the realization of societal benefits.
- c. Report on progress and provide updates to the User Interface Committee, GEO and other stakeholder communities as appropriate;
- d. Advise the User Interface Committee, other CoPs and GEO on matters relating to their particular area of interest or societal benefit, and on cross-cutting issues of interest to the CoP.
- e. Provide an informal point of contact for members or other jurisdictions on the specific benefit or interest area that affect more than one organization;



PARTICIPANTS

Each Community of Practice should include representatives from GEO Members,
Participating

Organizations and any other stakeholders that have similar interests, goals, and or objectives –working closely together to create a forum for efficient and effective intelligence and advice to be provided to GEO for the successful implementation of GEOSS. Both developing and developed countries will be represented.

Air Quality and Health

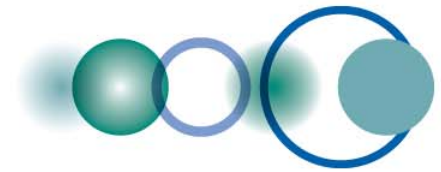
Participants: Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands,

Norway, Portugal, Spain, Switzerland, UK, USA, CEOS, EEA, ESA, ECMWF, ICSU, ISPRS, WMO

Contact: Gary Foley (foley.gary@epa.gov)

Atmospheric Chemistry (former IGOS Atmospheric Chemistry theme – IGACO)

Under development



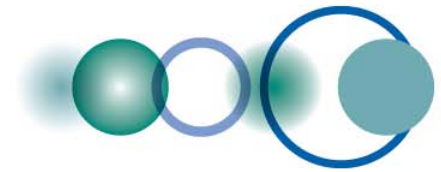
Biodiversity

Participants: Australia, Botswana, Brazil, Canada, Columbia, Denmark, Estonia, France, Germany, Ghana, Hungary, India, Iran, Israel, Italy, Japan, Mexico, Namibia, Netherlands, Nicaragua, Niger, Nigeria, Norway, Panama, Philippines, Portugal, South Africa, Switzerland, Thailand, Tunisia, UK, Ukraine, Uruguay, USA, ASEAN Centre for Biodiversity, BioNET-INTERNATIONAL, BirdLife International, Conservation International, DIVERSITAS, ESRI, GBIF, Guyra Paraguay, IUCN, LIFEWATCH, The Nature Conservancy, UNEP, UNESCO

Contact: Woody Turner (woody.turner@nasa.gov), Anne Larigauderie (anne@diversitas-international.org)

Carbon Cycle (former IGOS Carbon theme – IGCO)

Under development



Coastal Zone (reflecting former IGOS Coastal theme)

Participants: Algeria, EC, Egypt, Germany, Greece, Italy, Israel, Spain, Sweden, USA, IOC

Contact: Michael Bruno (Michael.Bruno@stevens.edu), Paul DiGiacomo (Paul.DiGiacomo@noaa.gov), Hans-Peter Plag (hpplag@unr.edu)

Cryosphere (former IGOS Cryosphere theme)

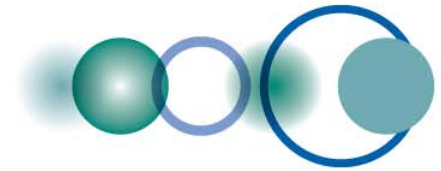
Under development

Contact: Jeff Key (jeff.key@noaa.gov)

Energy

Participants: Australia, Belgium, Canada, China, Denmark, EC, Egypt, France, Germany, India, Italy, Korea, Netherlands, Russia, Switzerland, Thailand, USA, European Wind Energy Association, ESA, GOOS, International Energy Agency, IEEE

Contact: Ellsworth LeDrew (ells@watele.uwaterloo.ca), Thierry Ranchin (thierry.ranchin@ensmp.fr), Marion Schroedter-Homscheidt, (marion.schroedter-homscheidt@dlr.de)

**Forest**

Participants: Australia, Brazil, Canada, China, EC, Finland, France, Germany, Italy, Japan, Korea, Niger, Norway, Portugal, Russia, South Africa, Thailand, USA, CEOS, EEA, ESA, EUMETSAT, FAO, GOF CGOLD, GTOS, ISCGM

Contact: Michael Brady (MBrady@NRCan.gc.ca)

Geohazards (former IGOS Geohazards theme)

Participants: France, Italy, Japan, UK, USA, ESA, GGOS, UNESCO

Contact: Gonéri Le Cozannet (g.lecozannet@brgm.fr)

Global Agricultural Monitoring (former IGOS Land sub-theme)

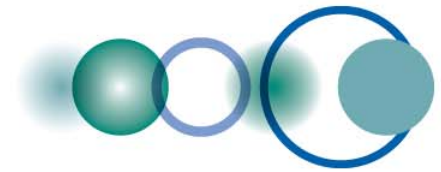
Participants: Argentina, Australia, Austria, Belgium, Brazil, China, EC, ESA, FAO, France, India, Italy, Netherlands, South Africa, USA, CGIAR, WMO

Contact: Chris Justice (justice@hermes.geog.umd.edu), Jai Singh Parihar (Parihar_jaisingh@yahoo.com)

Water Cycle (former IGOS Water Cycle Theme – IGWCO)

Participants: Argentina, Australia, Canada, China, Finland, France, Germany, Japan, Netherlands, Panama, Portugal, Switzerland, UK, USA, UNESCO, WMO

Contact: Rick Lawford (lawford@umbc.edu)



US-09-01b

Sub-task Number: US-09-01b

Sub-task Title: Communities of Practice and Partnership Development

Overarching Task: User Engagement

Area: USER ENGAGEMENT

Relevant Committee: UIC

Related Targets: (to be included in 2009)

Sub-task Definition (as given in the 2009-2011 Work Plan):

- Develop GEO Communities of Practice (CoPs) to identify and refine user needs and contribute to the achievement of Societal Benefits, in particular for cross-cutting areas – building upon GEO’s initial experience of Communities of Practice (US-06-02), information provided by national, regional and project level surveys, the extensive work of the Integrated Global Observing Strategy Partnership (IGOS-P), now transitioned into GEO, and the activities on the Virtual Constellations and on Geodetic Observing System. The following Communities of Practice have been recognized by the User Interface Committee: Air Quality and Health, Biodiversity, Coastal Zone, Energy, Forest, Geohazards, Global Agriculture Monitoring, and the Water Cycle.