

Bringing GEOSS Services into Practice

Organised in association with Organised in association with the EnviroGRIDS project, IEEE, ICEO, and the Institute of Geography, Romanian Academy

For details go to: <http://www.ieee-earth.org/events/geoss-workshop-xxxiv-envirogrid>

Please confirm attendance by registering on the above website, or by contacting the conference secretariat at envirogrids@soresma.be

Objectives of the workshop:

“Bringing GEOSS services into practice” aims at teaching participants how to install, configure and deploy a set of open source software to publish and share data and metadata through the Global Earth Observation System of Systems (GEOSS) using OGC web services & ISO standards.

Targeted audience:

This workshop is open to technical experts and Black Sea institutions that could benefit from an implementation of GEOSS.

Location and Date: University of Agronomical Sciences, Faculty of Land Reclamation and Environmental Engineering, 59 Bd. Marasti, sector 1, RO 011146, Bucharest, Romania

May 3, 2010, 08:30 – 17:00

Morning Session Moderator: Nicolas Ray

Time	Topic	Speaker
8:30	Welcome and opening	Anthony Lehmann [EnviroGRIDS]
<i>SESSION 1: Introduction to SDI</i>		
9:00	Introduction on Spatial Data Infrastructures (SDI) and related concepts.	Gregory Giuliani [UniGE]
9:30	Sharing data Overview using Open Geospatial Consortium (OGC) standards. [installation, configuration and deployment of GeoServer]	Gregory Giuliani [UniGE]
10:30	Refreshment Break	
<i>SESSION 2: Metadata Sharing</i>		
11:00	Sharing metadata using Open Geospatial Consortium (OGC) standards. [installation, configuration and deployment of GeoNetwork]	Gregory Giuliani [UniGE]

Time	Topic	Speaker
11:45	Questions and Open Discussion	Gregory Giuliani [UniGE]
12:00	Lunch	
Afternoon Session		
Moderator: Jay Pearlman		
SESSION 3: Sharing data, working with the EnviroGRIDS Portal		
Time	Topic	Speaker
13:00	Accessing and working with data and metadata using OGC standards [Desktop clients: QGIS and ArcGIS Explorer; Web client: Open layers]	Gregory Giuliani [UniGE]
14:00	Working with the enviroGRIDS portal. [how to share data and metadata through the enviroGRIDS portal using URM]	Karel Charvat [CCSS]
15:00	Coffee Break	
Session 4: Using GEOSS Services		
15:30	Registering data and metadata services into GEOSS.	Karel Charvat [CCSS]
16:00	Retrieving data and metadata with GEOSS.	Karel Charvat [CCSS]
16:30	Questions	Karel Charvat [CCSS]
SESSION 5: Closing		
16:45	Conclusions and Workshop Summary	Gregory Giuliani & Karel Charvat
17:00	Adjourn	

The workshop will cover interoperability, hands-on experience with web portals, information access, open source software and data sharing through web services and the GEOSS registries. Computer access with internet connexion will be provided to workshop participants. Participants with own laptops (Windows) are also welcome. All participants will receive a CD with all necessary open source software and data, user guides and relevant documentation on SDIs.

