BRINGING GEOSS SERVICES INTO PRACTICE

Location and Date: Monday, 29th of November 2010, 09h30 – 18h00, Tbilisi, Georgia.

Training workshop organizers: GIS & RS Consulting Center "GeoGraphic" (Georgia) in association with University of Geneva / UNEP-GRID-Europe (Switzerland), within the framework of the EC FP7 enviroGRIDS projects (www.envirogrids.net).

Registration: Please apply by sending filled-in Registration Form to organizers by via email at envirogrids@geographic.ge. See registration form and further details at the web page www.geographic.ge/envirogrids. Deadline for registration is 10th of November, 2010.

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: Training is open to **enviroGRIDS partners**, technical experts and institutions from **Georgia** and countries of **Black Sea region** and **Caucasus**, that could benefit from an implementation of GEOSS.

PROVISIONAL TRAINING WORKSHOP AGENDA

MORNING SESSION		
Time	**Topic**	**Speaker / Facilitator**
09:30	Registration and coffee	
09:50	Welcome and opening	Gregory Giuliani (UniGe)
Session 1: Introduction to SDI		
10:00	Introduction on Spatial Data Infrastructures (SDI) and related concepts.	Gregory Giuliani
10:30	Sharing data Overview using Open Geospatial Consortium (OGC) standards. [installation, configuration and deployment of GeoServer]	Gregory Giuliani / Karin Allenbach (UniGe) [with assistance by GeoGraphic]
11:30	**Coffee break**	
Session 2: Metadata Sharing		
12:00	Sharing metadata using Open Geospatial Consortium (OGC) standards. [installation, configuration and deployment of GeoNetwork]	Gregory Giuliani / Karin Allenbach [GeoGraphic]
12:45	Questions and Open Discussion	Gregory Giuliani
13:00	**Lunch break**	

Time	Topic	Speaker / Facilitator
AFTERNOON SESSION		

Time	Topic	Speaker / Facilitator
Session 3: Sharing data, working with the EnviroGRIDS Portal		
14:00	Accessing and working with data and metadata using OGC standards [Desktop clients: QGIS and ArcGIS Explorer; Web client: Open layers]	Gregory Giuliani / Karin Allenbach [GeoGraphic]
15:00	Working with the enviroGRIDS portal [how to share data and metadata through the enviroGRIDS portal using URM]	Gregory Giuliani / Karin Allenbach [GeoGraphic]
16:00	**Coffee break**	
16:30	Registering data and metadata services into GEOSS.	Gregory Giuliani / Karin Allenbach [GeoGraphic]
17:00	Retrieving data and metadata with GEOSS.	Gregory Giuliani / Karin Allenbach [GeoGraphic]
17:30	Questions	Gregory Giuliani / Karin Allenbach
17:45	Conclusions and Summary	Gregory Giuliani
18:00	**Adjourn**	

Facilities:

Participants are required to bring their own laptops (with at least Windows XP installed).

Wireless internet access will be provided to workshop participants. All participants will receive a CD with all necessary open source software and data, user guides and relevant documentation on SDIs.

Participants are encouraged to provide organizers with their sample spatial data for testing the web deployment as part of the training exercise. Sample spatial received at least one week in advance of the training would be considered for test deployment session.

Certificates of the enviroGRIDS project would be provided to participants successfully completing the training.

The workshop will be held in English.

Note: Participants may benefit from attending GIS & RS User Conference organized by "GeoGraphic" on November 30th. Information regarding the GeoGraphic's GIS & RS User Conference is available www.geographic.ge.