

## Workshop Title

### 1. Proposed Workshop Title

Lessons learned (so far) and best practice from the eContentplus-project GS SOIL

### 2. Organiser/Contact Person (name, title, address, country, phone, fax, e-mail)

Katharina Feiden, Coordination Center PortalU at the Lower Saxon Ministry of Environment and Climate Protection, Archivstrasse 2, 30169 Hannover, Germany, phone +49 (0)511 120 3451, fax: +49 (0)511 120 3697, e-mail: Katharina.Feiden@portal.u.de, gssoil@portal.u.de

### 3. Workshop Description and Goals (250 words or less suitable for posting on the web. Please include in the description if the session will involve lecture)

The workshop provides insights into the implementation of the eContentplus-project GS SOIL “Assessment and strategic development of INSPIRE compliant Geodata-Services for European Soil Data”, (Start: June 2009). The consortium comprises 34 project partners out of 18 EU member states out of which 24 are data providers.

Based on the INSPIRE directive and its Implementing Rules GS Soil aims at establishing a European network to improve the access to spatial soil data for public sector bodies, private companies and citizens. This network can be seen as example for practical implementation of a European Geodata Infrastructure for soil and soil related data. Thereby aspects of data organization, data harmonization as well as semantically and technical interoperability will be taken into account in order to produce seamless geospatial information. InGrid®, the technology of the German Environmental Information Portal PortalU®, is used as technical base to build up a European GS Soil Portal.

The results of the project will be:

1. Consolidated soil-related theme catalogue and aspects of intellectual property rights assessment
2. INSPIRE compatible metadata profile for spatial soil datasets, dataset series and services.
3. Interoperability of soil data
4. Can the communication of soil data in Europe be based on a single generic application schema for soil information?
5. Web portal (GS Soil Portal) including a view service, discovery and view of the INSPIRE conform metadata, interoperable spatial soil datasets etc..

In the session involved project partners will present the current status of project implementation and the discussion with the intended audience should lead to evaluation and definition of next steps.

#### 4. Workshop Topics (90 Minutes)

Tuesday 22.06.2010		
Time (h)	Topic	Speaker
9:00 – 9:07	Welcome, Introduction to GS SOIL	Katharina Feiden
9:07 – 9:15	Why is GS SOIL getting funded by the EC?	Krister Olson
9:15 – 9:30	Final consolidated soil related theme catalogue and inventory of soil data providers Aspects of intellectual property rights assessment	Emil Fulajtar
9:30 – 09:45	INSPIRE compatible metadata profiles for soil geographic datasets, dataset series and data services	Tomas Reznik
09:45 – 10:00	Status quo of the interoperability of soil data in Europe based on test cases Can the communication of soil data in Europe be based on a single generic application schema for soil information?	Einar Eberhardt
10:00 – 10:15	The GS SOIL Portal and provision of open tools an INSPIRE Services for data providers	Katharina Feiden Zhenya Valcheva, Georgi Georgiev
10:15 – 10:30	Discussion	All participants

#### 5. Workshop Instructor(s)

Krister Olson, European Commission, DG Information Society and Media

Einar Eberhardt, Dr., Federal Institute for Geosciences and Natural Resources, Germany

Emil Fulajtar, Dr., Soil Science and Conservation Research Institute, Slovakia

Tomáš Rezník, Dr., PhD., Masaryk University, Czech Republic

Zhenya Valcheva, Infologica, Bulgaria

Georgi Georgiev, Infologica, Bulgaria

Katharina Feiden, Coordination Center PortalU at the Lower Saxon Ministry of Environment and Climate Protection, Germany

#### 6. Intended Audience

Representatives of eContentplus-projects or related projects, members of the JRC (INSPIRE team, Soil action team, ESDAC, TWGs), data providers (soil), service and technology providers, people related with INSPIRE implementation at national and/or regional level.