

Training course

Crop Information Portal v.2: Server and Data Content Administration, and Geospatial Data Publishing with Geoserver and Geonetwork

8-17 February, 2016. Islamabad, Pakistan, at FAO Representation Office

TRAINING GEOSERVER AND GEONETWORK (2 DAYS)

GeoServer is an opensource back server application for publishing geographic data on the Web based on international standards. GeoNetwork is an opensource metadata catalogue for describing and disseminating geospatial information on the Web using international metadata standards. Because both systems are core components of the Crop Information Portal platform, an overview of their functionalities and practical examples of publishing spatial data were given.

Index topics

GeoServer Overview

1. *Web Interface and functionalities*
2. *Understanding workspace, stores and layers*
3. *Workflow for creation/editing of WMSs for feature or raster layers*
4. *Styling*
5. *Example of creation of WMSs (simple shape file or raster)*

Geonetwork Overview

1. *Web Interface and functionalities*
2. *Administration section overview*
3. *Creation/editing/importing metadata*
4. *Publishing downloadable data and interactive map*
5. *Linking GeoNetwork and GeoServer to display WMSs*
6. *Managing data publication through users and groups*

Agenda

Day 4 – Thursday, 11th Feb 2016 - GEOSERVER

SPEAKER: Lorenzo Pini (GeoSolutions)

9:30 – 13:00	Introduction / orientation	<ul style="list-style-type: none">• Web Interface and functionalities• Understanding workspace, stores and layers
<i>Lunch break</i>		
14:00 – 16:00	Administration and main tasks	<ul style="list-style-type: none">• Workflow for creation/editing of WMSs for feature or raster layers. Practical example.• Styling

Day 5 – Friday, 12th Feb 2016 - GEONETWORK

SPEAKER: Antonio Martucci (FAO)

9:30 – 13:00	Introduction / orientation Administration and main tasks	<ul style="list-style-type: none">• Web Interface and functionalities• Administration overview.
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		<ul style="list-style-type: none">• Creation/editing metadata with downloadable data• Linking GeoNetwork and GeoServer to display WMSs
<i>Lunch break</i>		
14:00 – 16:00	Administration and main tasks	<ul style="list-style-type: none">• Review