



## **GEOSS Workshop XLIII: Sharing Climate Information & Knowledge**

### **AGENDA**

A workshop organised to explore access and applications of climate information & modelling results through the Global Earth Observation System of Systems – GEOSS

**Location and Date: NCAR Center Green, Boulder Colorado,  
23 Sept 2011, 8:00am – 5:30pm**

Organised in association with IEEE, ICEO, OGC, UCAR/NCAR/Unidata, NOAA's National Climatic Data Center (NCDC), the U.S. Geological Survey (USGS), and the Italian Research Council's Institute of Atmospheric Pollution Research (CNR-IA)

For more details: <http://www.ieee-earth.org/event/geoss-workshop-xliii-climate>

Attendance is free, please register here:

[https://portal.opengeospatial.org/public\\_ogc/register/110923geoss.php](https://portal.opengeospatial.org/public_ogc/register/110923geoss.php)

Morning Sessions		
Moderator: Al Gasiewski		
Time	Topic	Speaker
8:00	Registration Check-in	
SESSION 1: Opening		
8:30	Welcome and Opening	Sandy MacDonald, NOAA
8:45	Logistics and Introduction to Workshop Objectives	David Arctur, OGC
SESSION 2: Bringing Climate Data to GIS and GEOSS		
9:00	Introduction to GEOSS and its Approach to Interoperability	George Percivall, OGC
9:25	GEOSS Portal and Service Oriented Architecture	Siri Jodha Singh Khalsa, NSIDC
9:50	Tools for Analyzing Societal Impacts of Climate Change	Olga Wilhelmi / Jennifer Boehnert, NCAR
10:15	Refreshment Break	
10:45	Climate Data Networks & Portals	Jay Hnilo, NOAA NCDC
11:10	Issues in Working with Climate Data in GIS: Provenance, Gridding	Dave Blodgett, USGS
11:35	Open Discussions	
12:00	Lunch – No Host	

Afternoon Sessions		
Time	Topic	Speaker
SESSION 3: Tools and Demonstrations (Moderator: Ben Domenico)		
13:30	THREDDS Data Server	Ethan Davis, Unidata
13:50	WCS 2.0 Extension for netCDF-CF; CSW and THREDDS Interoperability	Stefano Nativi, CNR-IIA
14:10	Climate Change Impacts on Biodiversity and Ecosystems	Stefano Nativi, CNR-IIA
14:20	Linked Data Practices for the Geospatial Community	Stephan Zednik, RPI
SESSION 4: Breakout Groups		
14:45	Charter to Breakout Groups	David Arctur, OGC
14:55	Coffee break and discussion to organize into breakout groups	
15:15	<p><b>Group A:</b> How can the GEOSS infrastructure be evolved to better support climate research?</p> <p><b>Group B:</b> How can the informatics community help scientists to better manage and work with disparate data sources?</p> <p><b>Group C:</b> (1) What questions can the informatics community help climate scientists address?</p> <p>(2) How can open science improve broader societal awareness and reasoned discussion of climate change issues?</p>	<p>Group A Moderator: Ben Domenico</p> <p>Group B Moderator: David Arctur</p> <p>Group C Moderator: David Blodgett</p>
16:40	Coffee & tea break while breakout groups prepare summaries	
SESSION 5: Closing (Moderator: David Arctur)		
17:00	Reports of Breakouts, Conclusions, and Recommendations	
17:30	Workshop Closes	

Organized in association with:

