

GEOSS Interoperability Workshop

12 & 13 November 2009
IEEE-USA Headquarters, Suite 700
2001 L Street, NW
Washington, D.C. 20036

The Architecture and Data Committee (ADC) of the intergovernmental Group on Earth Observations (GEO) is organizing a 2-day Global Earth Observation System of Systems (GEOSS) Interoperability Workshop in Washington, D.C. prior to the GEO Plenary. The workshop is sponsored by the ADC's Standards and Interoperability Forum (SIF) and aims to assess the current status of interoperability within GEOSS, review and amend SIF processes and procedures, engage new SIF participants, and develop recommendations for improving the interoperability landscape of GEOSS to meet the goal of having a fully functional and operational GEOSS by the 2010 GEO Ministerial Summit.

The workshop will cover a broad range of topics including processes for convergence on recommended standards for the GEOSS, interoperability aspects of data searching and access, frameworks for Earth system modeling, semantic interoperability, and partnerships and cooperative arrangements with other standards groups.

The Standards and Interoperability Forum was established to facilitate the interchange of information and the development of recommendations for standards and interoperability in GEOSS. The SIF oversees a key component of the GEOSS Common Infrastructure - the Standards and Interoperability Registry. The goal of the SIF is to enable ever-greater degrees of interoperability among GEOSS-contributed resources through facilitation, technical analysis, advocacy and education. The SIF is composed of experts nominated by GEO Members and Participating Organizations, and is supported by subject matter experts from around the globe.

The benefits of GEOSS will be fully realized when users and providers of GEOSS resources can competently use the GEOSS Common Infrastructure (GCI) to achieve fruitful data sharing and integration for research and societal benefit applications. The advocacy effort of the SIF includes assistance with the registration of contributed components, services, and standards in the GCI, as well as assistance with questions and decisions regarding interoperability.

The GEOSS Interoperability Workshop will be held November 12th and 13th at the IEEE-USA Headquarters, Suite 700, 2001 L Street, NW, Washington, D.C.

To register for the workshop please visit <http://bit.ly/10xwBA>. General information on GEO and GEOSS is available at <http://earthobservations.org/>. Questions may be directed to askgeosif@gmail.com.