WELCOME to the GEO USER ENGAGEMENT SESSION

On behalf of the USER INTERFACE COMMITTEE Co-Chairs

01 November 2010
Gary J. Foley, PhD
Co-Chair, GEO User Interface Committee
It’s All About Societal Benefits
GEOSS
Starts and Ends with the Users

• It starts with the **engagement** of a “spectrum” of relevant Users (often decision-makers) to learn about what they do and what from GEOSS could help them do it better

• It ends with **feedback** from the Users on whether the science/decision-making improved and the anticipated impacts/societal benefits were realized
THE SPECTRUM OF USERS

From observations systems

Earth observations & earth system models
Data-to-Information archiving & services
Decision support tool development
Decision making
Assessment of benefits
To societal benefits

User requirements well known

Earth system scientists and modelers
Earth system service providers
Environmental process modelers & researchers
Policy Makers & Environmental managers
Public officials, advocacy groups & the Public
Not aware that observational Requirements are even needed
The GEOSS Framework 2005

Clients and Scientific Communities Served By GEOSS Common Approaches Systems within their Mandates

UIC Goal

Organize this side of the GEOSS Architecture
Usability Testing and the GEOSS Common Infrastructure (GCI)

- Almost no one was testing the three GEO Portals and the GCI
- Usability testing was sponsored by the UIC at ISRSE-33, via webex, at GEO-VI, at ESIP’s meeting and at GEO Workplan Symposium
- Almost 250 testers; good feedback
- Reports to the IOC, the Portal Providers and the ADC with constructive feedback
THE SPECTRUM OF USERS

From observations

Earth observations & earth system models
Data-to-Information archiving & services
Decision support tool development
Decision making
Assessment of benefits

NOVICE USERS

To societal benefits

Requirements well known

Earth system scientists and modelers
Earth system service providers
Environmental process modelers & researchers
Policy Makers & Environmental managers
Public officials, advocacy groups and the Public

Not aware that observational Requirements are even needed
The “Novice” User

• science-to-policy analysts, decision makers, public officials, & the public
• working/interested in specific issues that fall within one or more SBAs
• not SOA- or GEOSS-experienced
• looking for any and all observational data relevant to their issues
• want to easily find it and view it
The “Novice” User

For the Novice User, EPA believes

- The GEOSS Common Infrastructure is not YET user friendly
- Metadata is important, but not useful
- Components (data/services) need to provide sample data sets for easy viewing geographically
GEOSS Registries and User Requirement Registry
IN SUMMARY

• It’s all about Societal Benefits
• The “Engagement of Users” is a priority of GEO and the role of the UIC
• Communities of Practice are an important and effective part of the GEO community
• Come to the UIC Booth in the Exhibition and try out the User Requirements Registry
• Success begins and ends with the users
The GEOSS Architecture

User Requirements

Success begins and ends on this side of the architecture