Task DA-09-01b
Data, Metadata and Products Harmonization

GEO ADC Meeting
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Stresa, Italy

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Task Proposal - Background

• Task Description
  – Facilitate the development, availability and harmonization of data, metadata, and products commonly required across diverse societal benefit areas, including base maps, land-cover data sets, and common socio-economic data.

• Task History
  – Continuation of Task DA-06-04 with same description
  – Earlier task described ongoing efforts of members and participating organizations
  – Did not address harmonization at GEO level
  – Initial effort overtaken by GEO Common Infrastructure effort

• Current Task
  – Use GCI registries as description of member/participating organization capabilities
  – Focus on harmonization
Task Approach

• Assess current capabilities
  – Review and characterize contents of GEO registries
  – Include assessment of other well-known capabilities that may not yet be in registries
  – Generate initial report

• Analyze results
  – Look at level of community adoption of various approaches
  – Identify barriers to integration/interoperability/interuse

• Develop set of GEO recommendations
  – Goal is convergence to harmonized set of standards
  – Based on best practices and community directions
Task Plan

• Form Task Team
• Develop Review Plan
  – Define assessment scope and review assignments
• Conduct Initial Assessment
  – Perform reviews and report/discuss with task members
• Publish Assessment Report
  – Completes Phase I of task
• Develop and Publish Recommendations
  – Phase II will require additional planning
Task Status

• CEOS team formed to coordinate space agency contributions to GEO task
  – Volunteers from Working Group on Information Systems and Services (WGISS) and Working Group on Calibration/Validation (WGCV)
  – Session to be held at WGISS meeting next week
• GEO Call for Participation to GEO 2009-11 Work Plan
  – Eight responses received
  – First telecon being scheduled later in May
  – Intend to use output of CEOS session as starting point for GEO level activity
Current GEO Task Participants

• Co-Leaders
  – CEOS/NOAA - Ken McDonald (POC) kenneth.mcdonald@noaa.gov
  – USA/FGDC/GSDI Secretariat - Doug Nebert ddnebert@usgs.gov

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Considerations

• Resources
  – Task activities will require a substantial effort from its contributors

• Team Balance
  – Assessments and recommendations have large potential impact
  – Team must have strong representation from all sectors of GEO community

• Relationship to Other GEO Activities
  – This task should complement and not compete with other tasks
  – It should leverage experience and results of the GCI Task Force and the SIF