



**Federal Geographic Data Committee
Coordination Group Meeting
Tuesday, December 11, 2012
9:00 a.m. – 12:00 p.m. Eastern
1:00 p.m. – 3:00 p.m. **FED ONLY****

Location: National Capital
Planning Commission
401 9th Street, NW
Suite 500
Washington, DC

AGENDA

| | | |
|---------------|--|--|
| 9:00 – 9:10 | Welcome and Introductions | <i>Ivan DeLoatch, FGDC OS</i> |
| 9:10 – 9:15 | Previous Meeting Action Item Review | <i>Arista Maher, FGDC OS</i> |
| 9:15 – 10:00 | FGDC Business Report | <i>Ken Shaffer, FGDC OS</i> |
| 10:00 – 10:20 | Geologic Subcommittee Report | <i>Dave Soller, USGS</i> |
| 10:20 – 10:40 | Standards Work Group Report | <i>Julie Maitra, FGDC OS</i> |
| 10:40 – 11:00 | Wetlands Subcommittee Report | <i>Bill Wilen, FWS</i> |
| 11:00 – 11:30 | FGDC Cooperative Agreement Program (CAP): Iowa ROI Project Report | <i>Jim Giglierano, Iowa Project Lead</i> |
| 11:30 – 12:00 | Metadata Charter Discussion | <i>Jennifer Carlino, FGDC OS</i> |
| 12:00 – 1:00 | LUNCH | |

***** FED ONLY SESSION BEGINS *****

| | | |
|-------------|---|---------------------------------|
| 1:00 – 1:15 | GAO Evaluation Update | <i>Ken Shaffer, FGDC OS</i> |
| 1:15 – 1:45 | Geospatial Platform | <i>Ivan DeLoatch, FGDC OS</i> |
| 1:45 – 2:45 | Data Sets/Data Themes | <i>Wendy Blake-Coleman, EPA</i> |
| 2:45 – 3:00 | Action Item Review & Next Meeting Agenda | <i>Arista Maher, FGDC OS</i> |
| 3:00 | <i>Adjourn</i> | |

| | |
|---------------------------------|--|
| *Read-ahead Documents | <ol style="list-style-type: none"> 1. 2012-12-11-12 Theme and dataset update for CG121112final (1) 2. Definitions121112 3. FedOnly GP2 Design Concepts 20121207 4. FGDC Business Report CG - 20121211 v4 5. Geologic Data Subcommittee Report - Dave Soller 6. Iowa ROI CAP Project Report - Jim Giglierano 7. Standards Work Group Report - Julie Maitra |
| Other Relevant documents | |

* Read-ahead documents are located at the my.usgs.gov site for member access.

CG Meeting Planning

| |
|--|
| <p>Coordination Group Meetings Topics (in addition to the following standing items)</p> <ul style="list-style-type: none"> - Welcome and Introductions; - Previous Meeting Action Item Review; - FGDC Business Update; - FGDC Secretariat Report; - Summary of Action Items / Next Meeting Agenda; - Adjourn - All meetings are scheduled from 9am to 3pm EST at NCPC in D.C., unless otherwise noted |
| <p>January 8, 2013</p> <ul style="list-style-type: none"> • Report from: Marine and Coastal Spatial Data SC (Tony LaVoi). |



Federal Geographic Data Committee Coordination Group Meeting ACTION ITEMS Through December 11, 2012

| | | |
|----------------------------------|---|-----------------------------|
| Due Date: 12/11/12 | | |
| Lead: | CG Members | Action#: 20120313-02 |
| Action: | CG Members should review the Geospatial Platform partner activities POC list for Interagency Agreements documents and submit any corrections to Roxanne Lamb. | |
| Contact: | Roxanne Lamb, FGDC OS, rhilamb@fgdc.gov | |
| Resolution/ Response: | Continue to need responses on this item. | |
| Due Date: 2/19/12 | | |
| Lead: | FGDC Secretariat | Action#: 20121013-02 |
| Action: | There will be a CG agenda topic added in January 2013 regarding the role of The National Map data in the Geospatial Platform and A-16 Supplemental Guidance dataset activities. | |
| Contact: | Arista Maher, FGDC OS, amaher@fgdc.gov | |
| Resolution/ Response: | Dick Vraga followed up by providing a list of key points regarding The National Map and other major program presentations, which were sent out to CG on 11/13. Arista is working with Dick to schedule a follow-up presentation on The National Map, possibly at the February 2013 meeting. | |
| Due Date: 12/11/12 | | |
| Lead: | Wendy Blake-Coleman, EPA | Action#: 20121013-09 |
| Action: | Wendy Blake-Coleman will convene a meeting of the A-16 data theme leads prior to the November Coordination Group meeting. | |
| Contact: | Wendy Blake-Coleman, EPA, blake-coleman.wendy@epamail.epa.gov | |
| Resolution/ Response: | Wendy is working on scheduling this meeting. Wendy will work with Doug Nebert on a one-pager for registration, and will follow up with Lori on the data walk-through processes. | |
| Due Date: 1/31/13 | | |
| Lead: | CG Members | Action#: 20121113-01 |
| Action: | CG members should identify one or two potential participants from their departments or agencies in the Train the Agency Metadata Expert Workshop, which will be held in spring 2013. Potential participant names should be sent to Jennifer Carlino by January 31, 2013. | |
| Contact: | Jennifer Carlino, FGDC OS, jcarlino@usgs.gov | |
| Resolution/ Response: | | |
| Due Date: 1/8/12 | | |
| Lead: | CG Members | Action#: 20121113-02 |

| | | |
|-----------------------------|---|-----------------------------|
| Action: | CG members with Federal agency administrative boundary datasets should send this information to Wendy Blake-Coleman and Lynda Liptrap. | |
| Contact: | Wendy Blake-Coleman, EPA, blake-coleman.wendy@epamail.epa.gov ; Lynda Liptrap, Census Bureau, lynda.a.liptrap@census.gov | |
| Resolution/Response: | As of December 11, only Joe Gregson of the National Park Service has submitted boundary datasets. Wendy will be adding international boundaries for Mexico and Canada. Other boundary datasets are still needed. | |
| Due Date: 12/11/12 | | |
| Lead: | Wendy Blake-Coleman, EPA | Action#: 20121113-03 |
| Action: | Wendy Blake-Coleman will update the Theme-At-A-Glance sheets and send them to the Coordination Group members for their review. | |
| Contact: | Wendy Blake-Coleman, EPA, blake-coleman.wendy@epamail.epa.gov | |
| Resolution/Response: | Wendy is hoping to complete these prior to the January CG meeting. | |
| Due Date: 1/8/12 | | |
| Lead: | CG Members | Action#: 20121211-01 |
| Action: | Any CG member interested in joining the Geologic Subcommittee should contact Dave Soller. | |
| Contact: | Dave Soller, USGS, drsoller@usgs.gov | |
| Resolution/Response: | | |
| Due Date: 1/8/12 | | |
| Lead: | Julie Maitra, FGDC OS | Action#: 20121211-02 |
| Action: | Julie Maitra will share the ESRI white paper on standards compliance with the CG members. | |
| Contact: | Julie Maitra, FGDC OS, jmaitra@fgdc.gov | |
| Resolution/Response: | | |
| Due Date: 1/8/12 | | |
| Lead: | Ken Shaffer, FGDC OS | Action#: 20121211-03 |
| Action: | Ken Shaffer will share the Australia/New Zealand data set/theme reporting document with CG members. | |
| Contact: | Ken Shaffer, FGDC OS, kmshaffer@fgdc.gov | |
| Resolution/Response: | | |
| Due Date: 1/8/12 | | |
| Lead: | Lew Summers, DHS | Action#: 20121211-04 |
| Action: | Lew Summers (DHS) will contact Jon Dale about a possible presentation to the Coordination Group on the Symbol Store Initiative. | |
| Contact: | Lew Summers, DHS, Lewis.Summers@hq.dhs.gov | |
| Resolution/Response: | | |



Federal Geographic Data Committee Coordination Group Meeting MEETING MINUTES December 11, 2012

(Note: Primary CG members are indicated in **blue text**; alternate CG members are indicated in **red text**.)

| √ | Coordination Group Attendees | Organization | √ | Attendee | Organization |
|---|------------------------------|--|---|---------------------|--|
| | Shirley Hall | USDA- Farm Service Agency | | Robert Welsh | DOI – Office of Surface Mining |
| | Marisa Capriotti | USDA – Natural Resources Conservation Service | x | Christina Lett | DOI – US Fish & Wildlife Service |
| | Betsy Kanalley | USDA – US Forest Service | | Bill Wilen | DOI – US Fish & Wildlife Service |
| | Ralph Crawford | USDA – US Forest Service | x | Ivan DeLoatch | DOI – USGS/FGDC; Chair, CG |
| | Juliana Blackwell | DOC – National Geodetic Survey | x | Dick Vraga | DOI – USGS |
| | Tony LaVoi | DOC - NOAA | | Bob Pierce | DOI – USGS |
| x | Lynda Liptrap | DOC – Census Bureau | | Edward Hugler | Dept of Labor – OASAM |
| x | Anne O'Connor | DOC – Census Bureau | | Cecelia Henderson | Dept of State |
| x | Jim Bjostad | DOD - NGA | | Mark Bradford | DOT - Research & Innovative Technology Admin |
| | David LaBranche | DOD - DISDI | | Raquel Wright | DOT – Federal Railroad Admin |
| | Mitchell Fiedler | DOD - DISDI | | Jimmy Amoaka-Atta | Dept of Treasury |
| | Nancy Blyler | DOD – US Army Corps of Engineers | x | Pheakdey Lim | Dept of Veterans' Affairs |
| | Tai Phan | Dept. of Education – Institute of Ed Statistics | | Tom Garin | Dept of Veterans' Affairs |
| | David Morehouse | Dept. of Energy – US Energy Info Administration | x | Wendy Blake-Coleman | EPA |
| | Stephanie Foster | DHHS – CDC | | Dave Catlin | EPA |
| x | Lew Summers | DHS – Office of the CIO | x | John Sullivan | GSA |
| | Dennis Hardy | DHS | x | Autumn Wallin | GSA |
| | Jon Sperling | HUD – Policy Development & Research | x | Colleen Cahill | Library of Congress |
| | Salvatore Sclafani | HUD - Office of Community Planning & Development | | Jacqueline Nolan | Library of Congress |

| | | | | | |
|---|------------------------|---|---|---------------------|--------------------------------|
| | David Chase | HUD – Policy Development & Research | | Gregory Mann | NASA |
| | Antoinette Sebastian | HUD – Office of Environment & Energy | | Brett Abrams | NARA |
| | Don Buhler | DOI - BLM | | Clifford Jacobs | National Science Foundation |
| | Doug Vandegraft | DOI – Bureau of Ocean Energy Mgmt, Regulation & Enforcement | | Marlon Sellow | Small Business Administration |
| | Steven Schwartz | DOI - BOEMRE | x | David Timmons | Social Security Administration |
| | Joe Gregson | DOI – Nat'l Park Service | | Ray Mitchell | Tennessee Valley Authority |
| | Tim Smith | DOI – Nat'l Park Service | | | |
| | Other Attendees | Organization | | Attendee | Organization |
| x | Anne Ball | NOAA | x | John Mahoney | FGDC OS |
| x | Bill Burgess | NSGIC | x | Julie Maitra | FGDC OS |
| x | Jen Carlino | FGDC OS | x | Kristie McLeroy | USDA NRCS |
| x | Teddy Dyer | DOE | x | Jeremy McHugh | NOAA/NGS |
| x | Jim Giglierano | State of Iowa | x | Alissa Pole | NaCO |
| x | Rich Grady | App Geo | x | Ken Shaffer | FGDC OS |
| x | Shawn Gravatt | FGDC OS/COMSO | x | Dave Soller | USGS |
| x | Christine Hawkinson | BLM | x | Gita Urban-Mathieux | FGDC OS |
| x | Roxanne Lamb | FGDC OS | x | Dick Vraga | USGS |
| x | Arista Maher | FGDC OS | x | Linda Zellmer | CUAC |

Welcome and Introductions – Ivan DeLoatch, FGDC OS

Ivan DeLoatch welcomed participants to the meeting and asked everyone to introduce themselves.

Previous Meeting Action Item Review – Arista Maher, FGDC OS

Arista Maher reviewed the action items from the previous meeting, noting statuses and resolutions on each.

FGDC Business Report – Ivan DeLoatch, FGDC OS; Ken Shaffer, FGDC OS

[Presentation]

Ivan DeLoatch and Ken Shaffer gave a report on FGDC business and recent activities. The meeting's agenda was briefly reviewed, followed by a summary of the various FGDC committees' decisions. At its October 26 meeting, the FGDC Executive Committee (ExCom) recommended that the Steering Committee approve the proposed NGDA themes list, including the proposed change to Marine Utilities (the Utilities theme is subject to future revision). Additionally, the ExCom decided to notionally support the Symbology Store Initiative. There were no changes to committee membership in the past month.

An update on the activities of the National Geospatial Advisory Committee (NGAC) included that a public meeting was held via webinar on December 3, 2012. Some of the topics discussed at the

meeting included a Leadership Dialogue with FGDC Chair Anne Castle, review of the Geospatial Strategy Paper and National Address Database Paper, as well as an update on FGDC activities, NGAC subcommittee activities, and a public comment session. It was also noted that the NGAC nominations are still in the review/approval process.

Ivan noted that the Government Accountability Office (GAO) released its report, “OMB and Agencies Need to make Coordination a Priority to Reduce Duplication” on November 26, 2012. The report included 22 recommendations to the Federal geospatial community. The recommendations specific to the FGDC include developing a plan with a timeframe to facilitate the implementation of OMB’s portfolio management guidance; to develop and implement guidance and timeframe for identifying planned geospatial investments using the Geospatial Platform; and to create and update a strategic plan with timeframe and implement the plan within the established time frame. The strategic plan is related to the NSDI, not just the Federal geospatial community. This activity will require a lot of outreach to the community, and the FGDC will be using the NGAC and other channels to reach points of contact outside the Federal space. In response to the report and recommendations, an action plan is due on January 10, 2013. The Department of Interior is spearheading this effort, and plans to coordinate with the Department of Commerce and Department of Transportation, who were also interviewed as part of the report.

The Geospatial Line of Business and Geospatial Platform activities were reviewed. There are still six outstanding interagency agreements; members are asked to work within their agencies to ensure that this is resolved. Regarding GeoPlatform 2.0, they have stood up the test environment in the Amazon Cloud. Open source and Esri data are now available through the GeoPlatform. Furthermore, the Drupal test site has been stood up, and the initial redesign concepts for GeoPlatform site have been prepared. They have also acquired the ArcGIS online credits. Regarding the A-16 Supplemental Guidance data sets and data themes, they are conducting geodata.gov, data.gov, cross walk of metadata records in comparison to the A-16 tracking spreadsheet. They have initiated the discussions on developing the strategy for managing legacy data, and they are in the process of calling together a group to discuss the A-16 implementation path forward, including data walk-through guidance.

The NSDI Cooperative Agreements Program (CAP) announcement for 2013 is currently getting USGS approvals and will be posted to Grants.gov when it finishes this process. There will be a total of 20 possible awards in 8 categories. The tentative category descriptions are posted on the FGDC website. The FGDC Annual Report has been sent to the printers. The report should be available in print and online sometime in January 2013.

An update on Standards activities was given. The progress on the CAP standards projects was reviewed. Regarding INCITS L1/U.S. TAG standards activities, it was noted that then ISO/TC 211 35th Plenary meeting was held in Saudi Arabia on December 8. A new INCITS representative from George Mason University, Meixia Deng, has been named. Regarding OGC standards activities, expressions of interest for participation in an OGC Groundwater Interoperability Experiment are due by December 27. There was a special voting session on country code standards held on December 6 by the GWG. The next GWG voting session is TBD.

It was noted that Bill Wilen’s Wetlands Subcommittee Report (scheduled for today’s morning session) will be moved to January, due to scheduling conflicts.

Geologic Subcommittee Report – Dave Soller, USGS

[\[Presentation\]](#)

Dave Soller gave an update on the recent activities of the Geologic Subcommittee. The membership of the subcommittee and the data themes and data sets included under its purview were described. He noted that the subcommittee needs to work towards the expansion of various themes. They will hold discussions with managers of the other USGS geosciences programs, in order to identify other potential NGDA data themes and data sets. The status of the FGDC Geologic Map Symbolization Standard was discussed. An update to the standard is anticipated, in collaboration with state geological surveys, the Geological Survey of Canada, and perhaps ESRI. The subcommittee is also working on convergence on a geologic map database design.

The next steps for the subcommittee are to: determine whether the symbolization standard should be revised; converge on geologic map database design; find additional members; and establish initial NGDA Geology data themes/datasets and identify additional themes.

ACTION: Any CG member interested in joining the Geologic Subcommittee should contact Dave Soller.

Standards Work Group Report – Julie Maitra, FGDC OS

[\[Presentation\]](#)

Julie Maitra gave an update on the recent activities of the Standards Work Group. The mission/purpose of the FGDC Standards Work Group (SWG) is to promote the development and implementation of standards in support of the National Spatial Data Infrastructure. The membership of the SWG was reviewed. Regarding data themes and data sets, the FGDC Standards Work Group is responsible for reviewing project proposals, committee draft standards, and final draft standards for National Geospatial Data Asset (NGDA) datasets as part of A-16 portfolio management. The SWG is also responsible for identifying externally developed standards for FGDC endorsement.

The SWG last met on September 25, 2012. The topics discussed at this meeting include: GWG Geospatial Web Services Focus Group activities; the proposed withdrawal of INCITS 145 (HUC) as an FGDC-endorsed standard; the SDI Cookbook, Chapter 10: Standards Suites for Spatial Data Infrastructure; the Geospatial Platform and architecture of standards; and OGC/TC 211 Joint Advisory Group (JAG) activities.

Other recent developments and projects of the Work Group include a review of member participation in geospatial standardization activities and software compliance with standards in the SDI baseline. The SWG will next meet on Tuesday, January 29, 2013, both in person and via webinar. They plan on discussing secure deployment of web services, WaterML, and draft standards for pre-public review (the Shoreline Content Data Standard and the Federal Buildings and Facilities Geospatial Data Content Standard).

Longer-term goals of the SWG include FGDC member agency implementation of standards in the SDI standards baseline; following up on the 2011 standards use survey; advancement of projects for NGDA dataset standards through the FGDC standards process; and maintenance of FGDC-endorsed standards in the SDI standards baseline.

ACTION: Julie Maitra will share the ESRI white paper on standards compliance with the CG members.

ACTION: Ken Shaffer will share the Australia/New Zealand data set/theme reporting document with CG members.

FGDC Cooperative Agreement Program (CAP): Iowa ROI Project Report – Jim Giglierano, Iowa Geological and Water Survey/Department of Natural Resources

[\[Presentation\]](#)

Jim Giglierano gave a report on the progress of the Iowa ROI CAP project. The Iowa Geospatial Infrastructure (IGI) is Iowa's contribution to the National Spatial Data Infrastructure (NSDI). IGI's central focus is on the collection of consistent, common, integrated, standardized local, state, federal and other GIS data layers ("framework" data layers in NSDI terminology) that are readily available through the Internet. IGI will follow NSDI practices for metadata and data standards, and use Iowa's spatial data clearinghouse for data discovery. Within IGI, there are nine framework layers and the resources to maintain them, as well as centralized GIS service bureau functions for technical assistance, coordination and oversight functions at the state and county levels, and infrastructure for data discovery and sharing.

The purpose of the NSDI (IGI) is to encourage the collection, processing, archiving, integration and sharing of geospatial data and information using common standards and interoperable systems and techniques, and to provide accurate and reliable data for decisions regarding the health, safety and welfare, security, and prosperity of our citizens. The 2007 FGDC CAP grant provided for the development of a business plan for the Iowa Geospatial Infrastructure using GITA return on investment methodology. Examples of the ROI in Iowa counties participating in IGI were described, and it was noted that the benefits of participation can range from \$50K to \$150K per county per year. These benefits are associated with using LiDAR in the county engineer office and the county planning/zoning office, as well as utilizing web mapping servers and aerial photography. The cost to participate in IGI is low: it is estimated that the real yearly costs are approximately \$5K to \$6K per county. In counties without GIS, however, the initial costs may be much higher, and many of the remaining counties cannot afford startup or maintenance costs of GIS.

Various cost scenarios were discussed, including the results of the multi-agency IGI study. The 20-year analysis shows Net Present Value of \$271M and Return on Investment of 24.21%. The present value of total 20 year costs is \$56M (about \$3M a year). Other findings include that single use county GIS projects are hard to justify based on benefits to single agency; that selling data has no positive impact on bottom line of GIS program; that wide use of GIS by all departments creates very positive ROI; that cooperation and coordination with others (local, state and federal) spreads costs, allowing increased benefits of ROI; and that ROI studies help move things along, even without direct support (all but 6 counties in Iowa have GIS now, due in part to their talking points).

A use case example of LiDAR in relation to major flooding in Iowa in 2008 was presented. There were many tangible benefits of LiDAR and related functions in this scenario, including emergency response benefits and cost savings. Another use case regarding GIS and economic development was described. The total benefits were then presented. The case was made for a need for more federal

funding to accomplish GIS-related goals. The progress and status of IGI framework layers in 2012 was presented. It was noted that FGDC funding was critical to efforts in the state of Iowa.

***** FED ONLY SESSION BEGINS *****