



**Federal Geographic Data Committee
Coordination Group Meeting
Tuesday, June 14, 2011
9:00 a.m. – 12:00 p.m.**

FED ONLY SESSION: 1:00 p.m. – 3:00 p.m

Location: National Capital
Planning Commission
(NCPC)
401 9th Street, NW
Washington, DC 20004

Room: Suite 500 (5th Floor)

AGENDA

9:00 – 9:25	Welcome and Roll Call <ul style="list-style-type: none">Agency Activities of Special Interest	<i>Ivan DeLoatch, FGDC; Randy Fusaro, Census; Arista Maher, FGDC</i>
9:25 – 9:30	Previous Meeting Action Item Review	<i>Arista Maher, FGDC</i>
9:30– 10:15	FGDC Business and Secretariat Report	<i>Ken Shaffer, FGDC</i>
10:15 – 10:50	National Digital Orthoimagery Program (NDOP) Subcommittee Update	<i>Anne O'Connor, Census</i>
10:50 – 11:25	Marine and Coastal Spatial Data Subcommittee Update	<i>Tony LaVoi, NOAA</i>
11:25 – 12:00	GeoCloud Status and Plans	<i>Doug Nebert, FGDC</i>
12:00 – 1:00	Lunch	
	*** FED ONLY SESSION BEGINS***	
1:00 – 1:45	A-16 Supplemental Guidance	<i>Ivan DeLoatch, FGDC</i>

1:45 – 2:45	Geospatial Platform	<i>Ivan DeLoatch, FGDC</i>
2:45 – 3:00	Action Item Review & Next Meeting Agenda	<i>Arista Maher, FGDC</i>
3:00	<i>Adjourn</i>	

*Read-ahead Documents	<ol style="list-style-type: none"> 1. FGDC Business Report CG 20110614 v1.pptx 2. GeoCloud Update - Doug Nebert.pptx 3. NDOP Subcommittee Update - Anne O'Connor.pptx 4. Standards Update - 2011-06-14.pdf 5. THEMES FINAL June 2011.xls
Other Relevant documents	

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

CG Meeting Planning

Coordination Group Meetings Topics (in addition to the following standing items)	
<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 	
July 19, 2011	
<ul style="list-style-type: none"> • Reports from: Segment Architecture/Shared Infrastructure Work Group (Doug Nebert); Standards Work Group (Julie Maitra); Standards Open Support Process (NGA, Sam Bacharach). 	
August 9, 2011	
<ul style="list-style-type: none"> • Reports from: Geologic Subcommittee (Dave Soller); Cultural and Demographic Statistics Work Group (Randy Fusaro). 	
September 13, 2011	
<ul style="list-style-type: none"> • Reports from: Users/Historical Data WG (Colleen Cahill); Geodetic Control SC (Joe Evjen). 	
October 18, 2011	
<ul style="list-style-type: none"> • Reports from: Vegetation SC (Ralph Crawford); Spatial Water Data SC (Tod Dabolt and Bob Pierce). 	
November 8, 2011	
<ul style="list-style-type: none"> • Reports from: Metadata WG (TBD); Wetlands SC (Bill Wilen); Transportation for the Nation SC (Mark Bradford). 	
ExCom Liaison Schedule	
<ul style="list-style-type: none"> • July 19: Dan Cotter • August 9: Jerry Johnston • September 13: Jim Kwolek • October 18: Stephen Lowe • November 8: Joe Klimavicz • December 13: Adrian Gardner 	



Federal Geographic Data Committee Coordination Group Meeting ACTION ITEMS Through June 14, 2011

Pending		
Lead:	FGDC Secretariat	Action#: 20110111-02
Action:	Gregg Black (NGA) will send to the Secretariat for distribution to the CG their available information on their Standards Open Support Processes they have developed.	
Contact:	Ken Shaffer, FGDC, kmshaffer@usgs.gov	
Resolution/Response:	NGA will be providing a briefing on this topic at the July meeting.	
Pending		
Lead:	Jon Sperling, HUD	Action#: 20110419-04
Action:	Jon Sperling will share the Questionnaire on Agency use of Address Data Files with his contacts at FedStats.	
Contact:	Jon Sperling, HUD, jon.sperling@hud.gov	
Resolution/Response:		
Pending		
Lead:	Dave Soller, USGS	Action#: 20110419-06
Action:	Dave Soller will send Geologic Data Subcommittee Update slides to the CG.	
Contact:	Dave Soller, USGS, drsoller@usgs.gov	
Resolution/Response:	Secretariat followed up with Dave Soller and is waiting for a response. A second follow-up was sent on 6/6/11.	
Pending		
Lead:	Wendy Blake-Coleman, EPA	Action#: 20110419-07
Action:	Wendy will contact Dave Soller about nationally consistent geologic data sets and using watersheds as a model.	
Contact:	Wendy Blake-Coleman, EPA, Blake-Coleman.Wendy@epa.gov	
Resolution/Response:		
Pending		
Lead:	FGDC Secretariat	Action#: 20110419-12
Action:	The FGDC Secretariat will look into obtaining more information from DoD/Marine Corps about their portfolio management template.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:	The FGDC Secretariat will follow up with Dave LaBranche (DISDI) to track down the contact information for this POC.	
Pending		
Lead:	Don Buhler, BLM, and Bob Ader, BLM	Action#: 20110510-02
Action:	Don Buhler (BLM) and Bob Ader (BLM) will follow up with contacts at GSA on the Federal Excess Properties Map system.	
Contact:	Don Buhler, BLM, Don_Buhler@blm.gov , and Bob Ader, BLM, Bob_Ader@blm.gov	
Resolution/Response:		

Response:		
Pending		
Lead:	Don Buhler, BLM, and Bob Ader, BLM	Action#: 20110510-03
Action:	Don Buhler (BLM) and Bob Ader (BLM) will work with contacts at the State of North Carolina on the transmission of parcel data and report back to the Coordination Group on this.	
Contact:	Don Buhler, BLM, Don_Buhler@blm.gov , and Bob Ader, BLM, Bob_Ader@blm.gov	
Resolution/Response:		
Complete		
Lead:	Arista Maher, FGDC	Action#: 20110614-01
Action:	The FGDC Secretariat will follow up with the primary CG members not present at the June 14 CG meeting to get their votes on whether to endorse the NGDA themes.	
Contact:	Arista Maher, FGDC, amaher@fgdc.gov	
Resolution/Response:	A call for the NGDA votes was sent out to primary CG members following the June meeting and responses were compiled. The results of the vote will be announced at the July CG meeting.	
Pending		
Lead:	CG Members	Action#: 2011614-02
Action:	CG members who are interested in participating in the NDOP Subcommittee's Project Management Subgroup meeting planned for July should contact Anne O'Connor or Shirley Hall.	
Contact:	Anne O'Connor, Census, anne.v.o.connor@census.gov	
Resolution/Response:		
Pending		
Lead:	FGDC Secretariat	Action#: 20110614-03
Action:	The FGDC Secretariat will schedule a session with Grant Thornton to help determine next steps for execution of the A-16 Supplemental Guidance implementation plan.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:		
Pending		
Lead:	FGDC Secretariat	Action#: 20110614-04
Action:	The FGDC Secretariat will post Ivan's A-16 Supplemental Guidance presentation and the Geospatial Platform presentation to myUSGS.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:		
Pending		
Lead:	FGDC Secretariat	Action#: 20110614-05
Action:	The FGDC Secretariat will send out a request for organizational charts from the CG Members to allow for clearer identification of who the data theme lead from each agency would be, in relation to the A-16 Supplemental Guidance.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:		
Pending		

Lead:	FGDC Secretariat	Action#:
Action:	The FGDC Secretariat will work with Grant Thornton to develop a presentation for CG members to take back to their agencies explaining the A-16 Supplemental Guidance.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:		

ID (yyyymmdd-#)	Decision/Description
	Decisions provide a position/foundation on which actions are taken.



Federal Geographic Data Committee Coordination Group Meeting MEETING MINUTES June 14, 2011

√	Coordination Group Attendees	Organization	√	Attendee	Organization
	Shirley Hall	USDA- Farm Service Agency		Bill Wilen	DOI – US Fish & Wildlife Service
x	Marisa Capriotti	USDA – Natural Resources Conservation Service		Ivan DeLoatch	DOI – USGS/FGDC; Chair, CG
	Betsy Kanalley	USDA – US Forest Service	x	Dick Vraga	DOI – USGS
	Ralph Crawford	USDA – US Forest Service		Bob Pierce	DOI – USGS
x	Juliana Blackwell	DOC – National Geodetic Survey		Dan Sandhaus	DOI - USGS
x	Tony LaVoi	DOC - NOAA		Edward Hugler	Dept of Labor – OASAM
x	Randy Fusaro	DOC – Census Bureau		Roy Standing	Dept of State
x	Anne O’Connor	DOC – Census Bureau	x	Mark Bradford	DOT - Research & Innovative Technology Admin
x	Steve Jackson	DOD - NGA		Raquel Wright	DOT – Federal Railroad Admin
	David LaBranche	DOD - DISDI		Elaine Boston	Dept of Treasury
	Mitchell Fiedler	DOD - DISDI		Pheakdey Lim	Dept of Veterans’ Affairs
	Nancy Blyler	DOD – US Army Corps of Engineers		Tom Garin	Dept of Veterans’ Affairs
	Tai Phan	Dept. of Education – Institute of Ed Statistics	x	Wendy Blake-Coleman	EPA
	David Morehouse	Dept. of Energy – US Energy Info Administration		George Brilis	EPA
	Carl Kinkade	DHHS – CDC		Tod Dabolt	EPA – Office of Water

	Robert Shankman	DHHS – Office of Preparedness and Emergency Ops	x	Sandra Downie	GSA
	Jeff Booth	DHS – Office of the CIO		Philip Klokis	GSA
	Dennis Hardy	DHS		Autumn Wallin	GSA
x	Jon Sperling	HUD – Policy Development & Research	x	Colleen Cahill	Library of Congress
	Salvatore Sclafani	HUD - Office of Community Planning & Development	x	Jacqueline Nolan	Library of Congress
	Antoinette Sebastian	HUD – Office of Environment & Energy		Gregory Mann	NASA
	David Chase	HUD – Policy Development & Research	x	Brett Abrams	NARA
	Don Buhler	DOI - BLM		Clifford Jacobs	National Science Foundation
x	Doug Vandegrift	DOI – Bureau of Ocean Energy Mgmt, Regulation & Enforcement		Trisha Christian	Small Business Administration
	Steven Schwartz	DOI - BOEMRE		David Timmons	Social Security Administration
	Joe Gregson	DOI – Nat'l Park Service		Ray Mitchell	Tennessee Valley Authority
	Tim Smith	DOI – Nat'l Park Service			
	Robert Welsh	DOI – Office of Surface Mining			
	Christina Lett	DOI – US Fish & Wildlife Service			
	Other Attendees	Organization		Attendee	Organization
x	Acqunetta Anderson	BHarrisonSoc	x	Roxanne Lamb	FGDC
x	Myra Bambacus	NASA	x	Jim Maas	OMB
x	Roger Barlow		x	Arista Maher	FGDC
x	Bill Burgess	NSGIC	x	John Mahoney	FGDC
x	Don Campbell	FCC	x	Julie Binder Maitra	FGDC
x	Tom Chatfield	BLM	x	Kristie McLeroy	NRCS
x	Teddy Dyer	DoE	x	Milo Robinson	FGDC
x	Dan Good	USDA	x	Vaishal Sheth	FGDC
x	Glenn Guempel	NGA	x	Vaishal Sheth	FGDC
x	Roy Standing	State	x	Gita Urban-Mathieux	FGDC

Welcome, Roll Call, and Agency Activities of Special Interest – Ivan DeLoatch, FGDC; Randy Fusaro, Census; Arista Maher, FGDC

Ivan DeLoatch (FGDC) welcomed members to the meeting on behalf of himself and Randy Fusaro, Co-Chair (Census). Members were asked to introduce themselves as usual, but it was noted that a new process will be tested during this roll call, where members who have any issues of special interest to their agencies can give a very brief description of the issue. Several members briefly contributed issues of interest, including upcoming meetings and items they are working on.

Previous Meeting Action Item Review – Arista Maher, FGDC

The previous meeting action items were reviewed for the Coordination Group, and the resolutions/responses to each action were discussed.

FGDC Business and Secretariat Report – Ken Shaffer, FGDC

[\[Presentation\]](#)

Ken Shaffer (FGDC) gave a summary of recent FGDC activities and meetings. The meeting's agenda topics were briefly overviewed. A report on each of the FGDC Committees' recent activities was given. It was noted that the Coordination Group approved the National Geospatial Data (NGDA) Themes list at its April meeting, but since there were some minor description changes since that meeting, it will go through a final endorsement today. The FGDC Steering Committee met on June 7; some of the topics of emphasis were the identification of value propositions for the Geospatial Platform, extraction and tracking of short-term deliverables for the Roadmap, and the need to respond to the FCC LightSquared issue, FAA laser pointer rules, and the FTC Privacy Report's geolocation definition. (Donald Campbell excused himself from the LightSquared discussion in this meeting). The FGDC Executive Committee's recent meetings were briefly discussed, and it was noted that they are working on an operational instance of the Platform, due out by the end of the summer. The FGDC Secretariat also plans on sending the ExCom the CG's final list of NGDA Themes. (This was completed prior to the June 22, 2011 ExCom meeting.)

Noted outcomes of the Steering Committee meeting on June 7: Anne Castle, Department of Interior (DOI) Assistant Secretary of Water and Science chaired the meeting, and Dominic Sale, Office of Management and Budget (OMB) Deputy Director of the Office of Electronic Government and Information Technology acted as Vice Chair. The FGDC Chair plans on sending a memo to agencies to re-confirm their Steering Committee representative. The next Steering Committee meeting is tentatively scheduled for October 4, 2011.

The ExCom held a special session to discuss the Geospatial Platform on May 26. Meeting topics included the Technical Deployment Task Team (TDTT), Data.gov/Geospatial OneStop migration, the drafting of a 1-page document with an architectural overview diagram, and the preparation of a guidance document on components, standards, and steps to integrate/utilize Platform capabilities (will be prepared by TDTT).

The National Geospatial Advisory Committee (NGAC) met on June 8-9 at the American Institute of Architects (AIA). Some of the agenda topics included: Leadership Dialogue, NGAC Plan of Action, Transportation for the Nation, Census Update, the Geospatial Platform, Parcel Data Spotlight Session, Report on *The National Map* Users' Conference, and NGAC Subcommittee Reports. The next NGAC meeting will take place in Shepherdstown, WV in October 2011.

The next meeting of the Coordination Group will take place on July 19, 2011 (moved back a week due to the ESRI International Users' Conference), and the afternoon session will again be for Federal Members Only. There will be a Segment Architecture/Shared Infrastructure Work Group Report, along with a Standards Work Group Report. The Fed Only session will focus on the Geospatial Line of Business and the Geospatial Platform. CG members were asked if there were any topics they would like to take to the ExCom, none were identified.

The next item of business was a vote on the NGDA Themes. It was explained that the first vote was for endorsement of the themes, and that this vote was to verify agency agreement with the final descriptions of the themes. 15 members (out of 35) voted to endorse the NGDA Themes; the FGDC will follow up with an electronic ballot for members who were not present

ACTION: The FGDC Secretariat will follow up with the primary CG members not present at the June 14 CG meeting to get their votes on whether to endorse the NGDA themes.

An update on the Geospatial Line of Business and the Geospatial Platform was given. Approval was received on the 2012 Exhibit 300 submission. The Secretariat has completed the EVM submission for the Geospatial Line of Business and has submitted the evidence of completion for the first milestone (March 1). Each of the five Geospatial Platform tasks was reviewed, and the status of each was presented to the CG members.

The FTC Privacy Report and Geolocation Privacy issues were reviewed. The FGDC Secretariat has submitted comments on the FTC report, "Protecting Consumer Privacy in an Era of Rapid Change: A Proposed Framework for Businesses and Policymakers." In the comments, they expressed concerns about the "precise geolocation data" term and transmitted the recommendations received from the NGAC. Those comments are available here: <http://www.ftc.gov/os/comments/privacyreportframework/00354-57961.pdf>

Planning for the FY 2012 NSDI Cooperative Agreements Program (CAP) has begun. Members who have suggestions for the program are asked to contact Gita Urban-Mathieux (burbanma@fgdc.gov).

A Draft Call for Proposals for the GSDI Small Grants Program is in review. The 2011-12 program will open for proposal submissions in July 2011 and close in October 2011. More information about the program is available at: <http://www.gsdi.org/sic1>

Planning for the 2011 FGDC Annual Report has begun. CG Members should expect to receive an email about contributions at the end of June or early July. Gita needs suggestions on: who the NSDI Champion should be and what the lead story should be, among any other thoughts CG members may have. CG members are asked to contact Gita if they have input on this.

An update on FGDC Standards activities was given.

- At the May 10, 2011 CG meeting, issues were raised with respect to the Federal Trails Data Standard (FTDS). David Duran and Jaime Schmidt of the FTDS team took an action to confer with the person who raised the concerns, which they completed. The FTDS team is waiting on CG approval for FGDC endorsement of the FTDS.
- INCITS L1 Standards Activities were reviewed. There are numerous domestic and international standardization activities to report. Many of these activities have ramifications for FGDC-endorsed standards and standards in the DISR. For more information about INCITS L1 standardization activities, contact Julie Binder Maitra, FGDC representative to INCITS L1 (jmaitra@fgdc.gov) or your agency representative to INCITS L1.
- OGC Standards Activities were briefly discussed. The OGC Technical Committee/Planning Committee meetings are being held June 12-17 in Taiwan. OGC members should have voted on whether to adopt Open GeoSMS, a standard for encoding location in SMS messages. GeoSMS has been identified as an "on-deck" standard within the GWG.
- The GWG Standards Activities were reviewed. The GWG polling session was held May 25. The FGDC voted "yes" on several OGC standards for which the change request proposals were to add as emerging standards to the DISR. A World Geodetic System and Geomatics Focus Group is being formed. GWG Focus Groups have identified "on-deck" standards to be submitted for vote at future GWG polling sessions.
- The GWG/FGDC Process Alignment was also discussed. The call for FGDC participation on GWG Focus Groups closed Friday, June 3. NOAA and NRCS identified people to serve on GWG Focus Groups. No one has been identified for the following Focus Groups in response to the call: Motion Imagery Standards Board (MISB) and Overhead Persistent Infrared Focus Group (OFG). The FGDC

GWG Task Team met on May 17. At the meeting, participants reviewed the structure of a GWG tracking inventory and agreed to it in principle. The FGDC GWG Task Team met again on May 27. Much of the discussion focused on developing a policy on and procedures for FGDC endorsement of federally authored standards and non-federally authored standards being vetted by the GWG.

- The deadline for completing the Standards Use Survey was Friday, June 3. The next steps are to manipulate/analyze the data, prepare a report on the survey findings, present departmental responses to Coordination Group and Steering Committee agencies for validation, and to publish findings in the Annual Report.

Randy Fusaro (Census) and Jon Sperling (HUD) have developed the Questionnaire on Agency Use of Address Data Files. The purpose of the Questionnaire is to better understand the extent of duplication of expenditure of funds and needs for address information at the Federal level. The Questionnaire results should present a rough idea of the frequency-of-need and amount of money spent to acquire and use address information. The FGDC Secretariat is transferring the Questionnaire to Survey Monkey this week.

National Digital Orthoimagery Program (NDOP) Subcommittee Update – Anne O’Connor, Census

[\[Presentation\]](#)

Anne O’Connor (Census) gave an update on the NDOP Subcommittee. NDOP officially became an FGDC Subcommittee in 2010. The Chair position rotates yearly; currently it is Russ Jackson from the Bureau of Land Management. A list of the NDOP Subcommittee’s member agencies was presented. It was noted that they can always use more members. There are three subgroups: Acquisition Management; Program Management; and Technical Management.

Their Steering Committee meets twice a year in different locations across the country. The most recent meeting was on May 10-11 in Denver, CO. The Technical Management Subgroup, which meets jointly with the Inter-Agency Digital Imagery Working Group met most recently in March.

One of the main programs of NDOP is the National Agriculture Imagery Program (NAIP). It is funded through USDA/FSA with various other contributions. The three-year interagency agreement runs through FY 2011. The NAIP product is a 1-meter resolution, natural color, leaf-on DOQQ as well as Compressed County Mosaic. Currently, it contains complete continental US coverage, and no state imagery older than 2 years, so it has been tremendously successful thus far. There has been a general movement away from analog cameras to digital imagery – this is a gradual process as companies update their cameras. A map of the NAIP coverage from 2010 was shown. Because of the funding received from Congress and shared funding contributions, the map has been updated every 2 years. The 2011 map, however, has significantly less coverage because there is less funding available so far.

Another major NDOP program is the Urban Areas (or 133 Cities) Program. It is sponsored by NGA, in partnership with USGS, and uses 1-foot resolution, leaf-off imagery. They hope to continue to maintain a 3-year refresh cycle for all of the urban areas with a 2-year cycle for the top 50 cities. High resolution imagery is also flown for national special security events where NGA has been requested by lead federal agencies to provide support for those events (e.g., the Super Bowl). A project status map for 2010 was shown; the distribution is mostly surrounding urban areas. The proposed imagery projects for FY 2012 were also shown.

An update on the Technical Management Subgroup was given. They have worked on imagery-related technical issues such as color balancing, horizontal and vertical accuracy testing, compression issues, pan-sharpening techniques, analog camera calibration, and ground control points.

Future plans for the Subcommittee were outlined. Some of those plans include: A new multi-year IDIQ (Indefinite Delivery/ Indefinite Quantity) NAIP contract is being established; Project Management Subgroup meeting is planned in July to discuss a new inter-agency NAIP funding agreement (if CG members are interested in participating, they can contact Anne O'Connor or Shirley Hall); the Technical Management Subcommittee will likely meet in September in Salt Lake City, UT; and the Steering Committee will meet in October (location yet to be determined).

ACTION: CG members who are interested in participating in the NDOP Subcommittee's Project Management Subgroup meeting planned for July should contact Anne O'Connor or Shirley Hall.

The discussion was opened up to questions and comments. Dick Vraga (USGS) commented that there are significant questions about how NAIP can be funded in 2013. The Urban program, however, is a highly leveraged activity with state and local partners for funding. Brett Abrams (NARA) asked, how do you relate this with the current status of IFTN? Anne O'Connor responded that the NDOP Subcommittee has put together documents and other materials for IFTN and it is now up to the FGDC Steering Committee to determine funding for IFTN. Dick Vraga commented that NAIP is essential part of IFTN, and that IFTN always had a 1-meter component as part of it, and so did NAIP. There has never been a program identified for funding for the high-resolution piece. Roger Barlow made a comment with respect to the leaf-off urban area program: he noted that the State of Maryland has acquired state-wide 6 in resolution. Small states with urban areas have a lot of coverage.

Marine and Coastal Spatial Data Subcommittee Update – Tony LaVoi, NOAA

[\[Presentation\]](#)

Tony LaVoi (NOAA) gave an update on the Marine and Coastal Spatial Data Subcommittee (MCSD). He began with the objective of the Subcommittee, which is to “advance and implement the Marine and Coastal National Spatial Data Infrastructure, working to develop strategic partnerships, relevant standards, and enhance access to and utility of coastal and ocean framework data.” Members of the Subcommittee include: NOAA, EPA, USACE, BOEMRE, USFWS, USGS, NGA, BLM, NPS, USCG, Census, and NSF.

The MCSD SC last met in FY 2009. That was the result of the release of the National Ocean Policy; much of the coordination previously under the subcommittee is now under the National Ocean Council. Topics discussed at this meeting included: OMB Circular A-16 Updates; International Coastal Atlas Network; Coastal & Marine Ecological Classification Standard; NOAA's Digital Coast; Interagency Working Group on Ocean & Coastal Mapping; Multipurpose Marine Cadastre; and NOAA Shoreline Website.

The Marine Boundary Working Group (MBWG) met in December 2010. Topics discussed at this meeting included: updates from agencies and committees; Coastal Barrier Resources System Map modernization; The Nature Conservancy eco-regional assessments; and multipurpose marine Cadastre.

The release of the national ocean policy, “Framework for a Comprehensive Coastal and Marine Spatial Plan,” includes 9 national priority objectives, one of which is a framework for coastal and marine planning. The National Information Management System (NIMS) is being developed by members of National Ocean Council; a prototype is due in August 2011.

The MCSD has created a working group (Data Working Group) around NIMS. The working group first met in late FY 10 – early FY 11, and they meet every 2 weeks. Operating principles of the work group include that they analyze existing user needs assessments to define CMSP requirements; that they are committed to exploring existing systems; and that they serve outreach in an outreach capacity to related coordination bodies. The NIMS prototype on Data.gov was discussed – it must be released by August 2011.

Some of the recent developments with regard to MCSD projects were discussed. The first project is the Multipurpose Marine Cadastre. This is a DOI/BOEMRE and NOAA partnership, with data from other agencies as well. The online mapping tool provides authoritative ocean data in support of coastal and marine spatial planning. A user can view and explore offshore boundary, infrastructure, energy potential, and other supporting geographic information. The group is focusing on assessing its suitability for ocean uses in producing or sharing maps. It is expected to be a national mapping component of the CMSP NIMS prototype.

Another project, the GeoPlatform.gov/Gulf Response was discussed. It provided a Common Operating Picture (COP) for the Deepwater Horizon Oil Spill, including an online mapping tool that provides near-real time information about the response effort. It was developed by NOAA with the EPA, U.S. Coast Guard, and the Department of Interior. GeoPlatform.gov/gulfresponse employs the Environmental Response Management Application (ERMA®), a web-based GIS platform developed by NOAA and the University of New Hampshire's Coastal Response Research Center. It is currently being used to support Natural Resources Data Assessment (NRDA) data management efforts.

The Digital Coast project was also discussed. The approach is to bring the geospatial and coastal management communities together to focus on common priority issues. The outcome is a constituent-driven, integrated, enabling platform supporting coastal resource management.

The Coastal & Marine Ecological Classification Standard (CMECS) was also discussed. This has gone through the CG process; they are hoping for FGDC endorsement by early next year (Feb 2012). 853 total public and peer review comments have been received to date. These comments provided good technical input and were generally well-received. During the CMECS Working Meeting (June 6-10, 2011), over 250 comments were addressed; they re-organized the component structure in response to comments; and they resolved the major conceptual issues. The various workshops at which they have performed outreach activities were outlined as well.

Recent developments on coordination were discussed. The Interagency Working Group on Ocean and Coastal Mapping-- which is co-chaired by NOAA, USGS, and USACE-- will be transitioning to the Interagency Committee on Ocean and Coastal Mapping (IC-OCM), and they will serve on the writing team for NOP Strategic Action Plan #9: Observations, Mapping, and Infrastructure. The working group facilitates coordination and leveraging of OCM activities and resources across the Federal sector and with state, industry, academia, and NGOs. They also work on the development of standards for data acquisition, metadata, tools, and products, as well as access to and use of OCM data. They are developing an Ocean and Coastal Mapping Inventory. Another recent development in coordination – the International Coastal Atlas Network (ICAN) -- was also discussed. The mission of ICAN is to share experiences and find common solutions in Coastal Web Atlas development while ensuring maximum relevance and added value for the end users. ICAN is an International partnership of academic community with multiple levels of government – 51 members from 16 countries. It is comprised of a Coastal web atlas and regional information systems supporting a range of management and planning focus areas. ICAN 5 scheduled for August 31 – September 2, 2011.

Julie Maitra stated that the FGDC is funding a CAP project for NatureServe to assist in resolving CMECS comments and to produce the final draft standard.

GeoCloud Status and Plans – Doug Nebert, FGDC

[[Presentation](#)]

Federal Geographic Data Committee • www.fgdc.gov • Email: fgdc@fgdc.gov

Doug Nebert gave an update on the GeoCloud. A diagram of the GeoCloud's component levels was shown. The diagram showed Platform as a Service (PaaS) in the cloud stack built upon Infrastructure as a Service (IaaS). The application servers perform the function of providing the deployment environment for actual business applications with access to enablers, frameworks and runtimes, including interfaces and payload standards endorsed by the FGDC. The platform enablers provide core supporting capabilities for developing, testing and deploying code, including DBMS, Directory, Queue, Service Bus, etc. A relational database is the most common enabler example, but is not present in all platforms. Frameworks provide bundled access to common behaviors and services, which applications can rely upon. Libraries are reusable code modules which can be called directly from an application. Frameworks and libraries save time and expense, freeing developers from having to build common code and behaviors. Runtime environments provide the execution support for developing and running the code. Examples include: Java, Python, Microsoft Common Language Runtime, etc.

The various components of GSA IaaS Infrastructure were shown in another diagram. The basic images and base platforms were outlined, and the Geospatial Cloud Platforms stemming from the base platforms were shown. Finally, specific agency applications and extensions stemming from the Cloud platforms were displayed. ArcGIS Server 10 and OS Geo GeoServer and GeoNetwork each have a certification targets for their OS environments.

The Linux platform status was described, and it was stated that the Census Bureau has sponsored the hardening and Certification & Accreditation (C&A) of Linux CentOS. TIGER Line 2009 is awaiting approval for public access; it was staged in Amazon. GEOSS Clearinghouse (GeoNetwork) is being provisioned with investigations on load balancing and failover underway. The IOOS Catalog is deferring participation. Particles in the Cloud are undergoing testing. USDA plans on testing the Esri Geoportal Server.

The Windows platform status was also discussed. FGDC has developed a set of Windows security policies based on multi-agency input, sharing with Esri for testing. The Wetlands Mapper will be used as a reference C&A for the Win/Esri reference platform, with provided security settings as model for use by all agencies. EPA Lakes and Ponds is undergoing testing, and USDA's CDSI web services will be tested as well. USGS ArcGIS services – installed with R2 on Dell/VMWare, will test package and policies.

GeoCloud seeks to build on the GSA IaaS BPA awards (Apptis/Amazon) but infrastructure certification is not complete. This will provide GSA pricing and fed-wide certification. Establishing agreements (ICA, SLA) between the government and the right vendor is a current task.

The GeoCloud initiative is intended to be the “incubator” for the current year, after which agencies will assume their own operating costs. The agency procurement mechanism is as follows: first, request bids from multiple BPA awardees under GSA contract, then establish a small contract for multiple option years' operation after evaluating cost models from each. The timelines were discussed. There is a big push for summer operational period for all projects, reporting into the fall. The team proposed an FY 2012 focus to provide assisted deployment of projects for Geospatial Platform (A-16) data using built reference platform solutions. The team is investigating coordination with GSA, DOI, and possibly HHS.

Future prospects were discussed as well, including an opportunity to pursue a multi-year contract for cloud-based geospatial data and imagery hosting and dissemination services building on capabilities identified by NGA. There is interest from western states in a similar construct.

Action Item Review & Next Meeting Agenda – Arista Maher, FGDC

Adjourn

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