

Subcommittee	Lead Agency	1) Programs Supported By This Data	2) Uses Of This Data	3) Do You Have A Current Charter/Plan For Collection?	4) Is Metadata Discoverable Through The NSDI Clearinghouse?
A) Base Cartographic Data	USGS	This committee has not met for several years and it is the recommendation that it be discontinued.			
B) Cadastral Subcommittee	BLM	All programs that authorize, permit, lease or determine how land is used and what is possible from a legal sense.	Cadastral data is one of the Framework themes and is recognized as critical for support the missions of land management agencies.	Strategy for nation; Strategies for the east and west; Charter for the subcommittee; Plan for GCDB collection and maintenance; Team plans	Yes. 100%
C) Cultural & Demographic Data	Census	Over \$170 billion per year is allocated to Federal programs reliant upon socio-demographic data.	Cultural & demographic data are used by Federal, State, local and tribal government entities, the private sector and academia to create profiles of the American people, economy, and lifestyle.	The Subcommittee does not collect data. The member agencies have charters or mandates delineated in their establishing legislation. Each agency is responsible for its own plan.	This is an agency-by-agency issue. Census data and metadata are documented on the NSDI Clearinghouse. Other agencies are assumed to have equal or better metadata, some of which is available on the NSDI Clearinghouse.
D) Federal Geodetic Control Subcommittee	NGS	NGS data support: BLM, EPA, FEMA, FAA, FCC, FHA, FRA, NASA, NIMA, NIST, NPS, NOAA Coast Survey, NOAA Forecast Systems Laboratory, USACE, Census, USCG, USDA, USGS, and US Naval Observatory.	Customers use geodetic control data for spatial reference in positioning activities, particularly surveying, civil engineering, mapping, and charting. Providing these data is the primary mission of NGS.	FGCS has a current charter, data September 12, 1995. This charter remains viable and is not in need of significant update.	Available through the NSDI Clearinghouse: Geodetic Control, Electronic Distance Measurement Instrument Calibration Base Lines, GPS orbits, GPS Continuously Operating Reference Stations (CORS), Geoid Model and Vertical Deflections, Gravity
E) Geologic Data Subcommittee	USGS	Includes all geologic mapping information and related geoscience spatial data that can contribute to the National Geologic Map Database.	Uses include: exploration for and development of mineral, energy, and water resources; screening and characterizing sites for toxic and nuclear waste disposal; land use evaluation and planning for environmental protection; and more (see response for more)	The principal current charter is contained within the National Geological Mapping Reauthorization Action of 1999. This plan must be reauthorized by 2005.	All newly released USGS geological map products provide metadata which is listed in the Clearinghouse. Only a fraction of geologic map information is in digital form and therefore documented in metadata, but the geoscience community is actively converting paper geologic maps into digital format and documenting with appropriate metadata.
F) Ground Transportation Subcommittee	BTS	DOT geospatial data support: President's Management Agenda on E-Gov; Transportation policy analysis; Homeland security	Analyzing traffic patterns; regulatory function and providing general public information; assists rail inspectors; planning and modeling proposed infrastructure investments; and improved capabilities for geospatial data sharing and interoperability with the data content standards developed through the GOS initiative	DOT does not have a collective policy for collecting geospatial data - each modal administration has pursued its collection needs independently. BTS is developing an outreach plan to encourage non-Federal participation for GOS.	Yes. All public data includes FGDC compliant metadata and is discoverable through the NSDI Clearinghouse.

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G) International Boundaries & Sovereignty	State	No Report Received.			
H) Marine & Coastal Spatial Data Subcommittee	NOAA	Advances the coastal and marine aspects of the NSDI through partnership building, standards development, and outreach. Supports all agencies represented on the subcommittee, including NOAA, MMS, NIMA, USGS, Navy, and USACE.	The data, products and standards produced by the subcommittee promote NSDI goals and benefit those who have interest in the coastal and ocean environments of the US.	Yes. The charter was updated in 2000, and is not in need of further update. Charter available at: http://www.csc.noaa.gov/fgdc_bsc/overview/charter.htm .	N/A
I) Soils Subcommittee	NRCS	Digital soil survey data supports USDA Farm Bill Programs; Digitized soils data supports Conservation Technical Assistance; Other agencies use the data for their programs and activities.	Soils information is used as the foundation dataset for land based planning efforts by both Federal and non-Federal customers. (see full response for examples)	FGDC leadership should review this subcommittee for possible retirement. The group has achieved its primary goal. Charter was developed in 1997 and is in need of review.	As of August 2003 approximately 1,550 soil surveys (out of 2.600) are discoverable via metadata searches on the web and Clearinghouse nodes.
J) Spatial Climate Subcommittee	NRCS	Broad programmatic support to agencies within USDA, DOC, DOD, DOI and state and local governments.	Data used for assessing natural processes, analyzing the effectiveness of resource management options, determining local climatology, natural resource assessments and supporting planning activities.	Yes, no need for update. Subcommittee was created in May 2000, and the charter was approved in October 2000.	Yes. Metadata have been developed for nearly all climatic themes. Documentation efforts continue to cover themes lacking information. There are thousands of data listings related to climate.
K) Spatial Water Data Subcommittee	USGS	This subcommittee develops a consensus standard and model for hydrograph. This subcommittee and the Advisory Committee for Water Information coordinate spatial water data and activities among all levels of government and the private sector.	Hydrograph, the stream network for the nation, is used by many agencies to derive stream flow characteristics, flood forecasts, and other hydrologic models. Local, State, and Federal governments also use this dataset for planning, resource and basin assessment.	The current charter was put in place in 1996. Under the current charter there are 3-4 meetings each year, including co-sponsoring a water resources symposium.	Complete metadata is available for the national datasets (the National Hydrographic Dataset (NHD) and Watershed Boundaries (WBD))
L) Vegetation Subcommittee	USDA/FS	This subcommittee supports vegetation classification, inventory, monitoring, and mapping programs managed by FGDC agencies, as well as organizations, academia and professional societies.	End users of vegetation data have an interest in evaluating and managing natural resources. Vegetation data supports agency missions by providing information on commodity resources, wildlife and fisheries habitat, carbon sequestration, etc.	The Vegetation Subcommittee is reviewing its charter and will finalize it in FY2004.	50% of Forest Service units have vegetation data, and 20% of Forest Service units have metadata that are discoverable and served through NSDI Clearinghouses. The GAP Analysis Program and the USGS National Park Vegetation Mapping Program have FDGC compliant metadata served in the NBII Clearinghouse.
M) Wetlands	FWS	No Report Received.			

Subcommittee	5) Status Of This Theme's Standards	6) FY 2002/2003 Activities	7) Data Sharing Policy	8) Lessons Learned
A) Base Cartographic Data				
B) Cadastral Subcommittee	The Cadastral Data Content Standard is an approved FGDC standard and is in the process for ANSI approval.	Subcommittee meeting held in Charleston, SC in January 2003 with 50 attendees. This was a joint meeting with the Marine Boundary Working Group and the Eastern Cadastral Steering committee. An eastern states cadastral forum is scheduled for October 14, 2003. The 2nd WGA cadastral Forum was held in May 2003, Salt Lake City, 150 attendees. FL and MT have completed their pilot projects (reports available on Cadastral SC website)	Yes, BLM has a policy in place for full and open access and data sharing. This policy is being fulfilled.	The ISO version of the FGDC Geospatial Metadata Content Standard needs to be adopted to achieve full metadata compliance. The scope of the GOS needs to be defined in detail and applied to all theme standards. GOS contractors have not delivered products - inconsistent and incomplete guidance, processes of consensus and poor contract performance to support GOS make it difficult to produce harmonized products. (See response for more.)
C) Cultural & Demographic Data	Draft Address Data Content Standard; The draft Governmental Units Framework Data Content Standard was sent as a set of standards to NASI/INCITS L1 for review and comment on September 30, 2003	Draft Address Data Content Standard underwent formal public review and comments are being adjudicated. The draft Governmental Unit Boundary Data Exchange Standard underwent 2 formal review cycles.	N/A	None.
D) Federal Geodetic Control Subcommittee	Geodetic Data Content Standard is under development; Geospatial Positioning Accuracy Standards, Part 1 and Part 2 are endorsed; Spatial Data Transfer Standard Part 6: Point Profile; and Metadata Profiles for Shoreline Data is endorsed.	Standards: Developed draft Geodetic Control Data Content Standard, dated August 30, 2003, and currently under review by FGCS member agencies.	Internal policy in place - set November 30, 1994 regarding making available positional data held by NGS. Policy revised February 13, 2002, to include foreign data holdings which have been authorized for publication by the respective country. NGS is able to carry out this function under present funding allocations.	No significant issues.
E) Geologic Data Subcommittee	Approved development of 2 FGDC Standards: geologic map symbolization and geologic data model. The geologic map symbolization standard is being revised for approval as an FGDC standard in 2004.	The Public Review draft of the geologic map symbolization standard is under revision. Submittal and approval by the FGDC is anticipated in late 2003, FGDC approval is expected in 2004. The proposal for a geologic data model was approved by the Subcommittee. The Subcommittee does not actively solicit of engage in standards development, instead the community develops standards and forwards to this Subcommittee for consideration.	Yes.	Not at this time.
F) Ground Transportation Subcommittee	The only FGDC standard followed by DOT is the FGDC/ANSI Metadata standard. Five modal data content standards (road, rail, transit, air, and waterway) are in draft format developed through the GOS process.	For GOS: developed draft data content standards for road, rail, transit, and air, and created a web portal to implement road content standard; For BTS: developing Internet Mapping Center, created Intermodal Facility database, creating an Intermodal Transportation Network; For FAA: NAS Information Architecture Committee (NIAC); For FHWA: released the FAF database with forecasts of traffic at a road segment level; see response for more	No data sharing policy is in place within the DOT. But the geospatial data within the NTAD is available through BTS Internet data download. BTS plans to develop a data sharing and access policy in coordination with other modal administrations. Pipeline data is not available to the public.	Many government agencies at all levels are creating and maintaining road data and USDOT should bring the geographic community together to reduce duplication of effort and increase data sharing between these agencies. BTS is the lead within USDOT for geospatial information activities but has limited resources.

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G) International Boundaries & Sovereignty				
H) Marine & Coastal Spatial Data Subcommittee	Standards: The Shoreline Metadata Profile of the Content Standards for Geospatial Metadata; Hydrographic Data Content Standards for Inland and Coastal Waterways; Part 5 of the NSDI Data Accuracy Standard. Also participating in the cadastral and elevation Data content standards for GOS.	Over 10 metadata workshops and presentations given; Continued development of a national shoreline database; Implementing the Shoreline Metadata Profile; Completed Part 5 of the NSDI Data Accuracy Standard; Supported State efforts to develop coastal and ocean data within the NSDI; Continued to develop the Ocean Planning Information System, and more. See response for more.	N/A	None at this time.
I) Soils Subcommittee	Soil Geographic Data Standard was approved by FGDC. Data and classification standards are complete.	The Subcommittee has been inactive. Interest has waned and the Chair recommends the Subcommittee be reviewed by FGDC leadership for retirement.	No formal policy exists but the soil survey data collected as part of the National Cooperative Soil Survey Program is considered public information. Soils data is available on the Clearinghouse and other sources. NRCS partners to support data collection, integration and delivery.	NRCS lacks the local resources to fully integrate multi-source, multi-resolution soils data to the extent implied in OMB Circular A-16
J) Spatial Climate Subcommittee	Standards will be addressed in the near future. Existing standards will be reviewed and used where appropriate. FGDC metadata standards are widely used to document existing climate themes.	Did not meet in 2002-2003, but progress continues in development of spatial climate data sets and infrastructure at participating institutions. Subcommittee webpage available at: http://www.wcc.nrcs.usda.gov/fgdc/subcommittee . Presently 15 subcommittee members - 10 Federal and 5 University/State.	No formal policy exists. Subcommittee seeks to form alliances with State, local and private entities involved in spatial climate data development to ensure open access to data.	Base funding for spatial climate development within the Federal Government is a significant issue. Funding has been inadequate and goes to special projects, without collaboration between departments and agencies.
K) Spatial Water Data Subcommittee	The subcommittee currently has the Hydrograph model and standard in review. It also has Watershed Boundary Dataset (WBD) guidelines in the ANSI review process.	The subcommittee have sponsored workshops with the states to develop a consensus hydrograph standard; Nov '02 Hydrograph MAT team meeting; Dec '02 Produced Draft hydro model; Aug, Sept '02, Feb '03 MAT Conference Calls; Nov '02 draft standard written and placed into ANSI formal review process	No formal policy exists for data sharing but the subcommittee is to "facilitate the exchange of information and the transfer of data".	The use of a subcommittee is preferable to having one agency develop the guidelines. Guidelines drafted by a multi-agency group facilitates the buy-in and usefulness of the guidelines.
L) Vegetation Subcommittee	The subcommittee is surveying Federal agencies and will prepare a report on the implementation of standards by Agency.	FY 2002/2003 Progress: Revision of physiognomic level; Survey and prepare a status report on the implementation of standards; Monitor relationship between FGDC and ESA Vegetation Panel; Evaluation of plots database and comparison with other Federal plots databases; Complete standards for floristics and review ESA Panel Report; Testing/Validation of floristic standard; (see response for more)	Yes. The Subcommittee has been open with its work and meetings to encourage a high level of information and data sharing to expand opportunities for collaborations.	Coordination will be essential with other FGDC entities. What mechanism exists to ensure compatibility among standards promulgated by these entities related to vegetation?
M) Wetlands				