

FGDC Annual Report to OMB Format for Agency Reports B FY 2002

The following outline should be used by FGDC Member Agencies (or Bureaus) for their Annual Spatial Data Reports, which will be consolidated by the FGDC and submitted to OMB. Reports **should be brief, using bullets where possible**. Please provide only the information that will be useful for OMB to assess the agencies= achievements and for establishing future direction.

Part A

GENERAL FEDERAL AGENCY RESPONSIBILITIES REPORT (All Agencies)

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5. Subcommittee or Working Group Participation (Subcommittees or Working Groups your agency is involved with, but does not lead).

Eastern Cadastral Steering Committee
Western Cadastral Steering Committee
Geospatial One Stop
Marine Boundary Working Group
Western Governors= Association Geographic Information Council

6. Strategy: Has your agency prepared a detailed strategy for integrating geographic information and spatial data activities into your business process - in coordination with the FGDC strategy, pursuant to OMB Circular A-16? If yes, briefly describe.

The National Integrated Lands System (NILS) is using all applicable FGDC Standards to build Bureau-wide systems for managing landownership and land records. This system provides the hardware and software for land related activities by incorporating the data standards and use of standardized data into business activities.

Concurrently NILS and BLM cadastral have completed data delivery systems that provide parcel based land information using the BLM Geographic Coordinate Data Base (GCDB) in the standard format. These data delivery systems support the activities of the Geospatial One Stop.

7. Compliance: How are your spatial data holdings compliant with FGDC Standards? Also, please list the FGDC Standards you are using or plan to use in your organization.

The NILS project has just completed phase 1 of data migration that will store all land and parcel spatial information in the appropriate standard formats. Phase 2 of this effort will complete the integration of the standardized data into the workflow by deploying survey computation tools and parcel analysis tools that operate on the standardized data sets.

Currently the standards that are used are:

- FGDC Cadastral Data Content Standard
- FGDC Geospatial Metadata Content Standard
- FGDC Standard for a US National Grid
- Open GIS standards for data publishing

8. Redundancy: Prior to collecting data, how does your agency ensure that the data are not already available?

- The BLM has active partnerships with states and counties for shared data collection, integration, and maintenance. Over 150 organizations are influenced by the partnerships. A constant dialog is maintained with local stakeholders and communications and partnerships are actively pursued.
- Through these partnerships, BLM is also collaborating and actively pursuing the collection and integration of boundary coordinate positions in an effort to standardize coordinate information. This requires BLM to personally contact and reach agreement with local organizations and data producers. The most accurate data is used from various sources to produce an integrated best possible representation of boundary positions. This collaboration is actively pursued at the local level.
- BLM maintains a web site of all known counties that serve land records and cadastral information over the Internet. This is a resource for local, state, tribal and federal agencies to check for available information prior to collection.
- The BLM has active partnerships with the tribes for joint data collection and maintenance.
- Plans and Strategies developed by BLM in collaboration with other federal agencies, state and local governments and private industry require existing data to be integrated or updated.
- BLM has an interagency agreement with the USFS, and MMS to work together on a continuous basis to eliminate redundant collection and maintenance in support of the NSDI. This agreement requires us to use each others data.
- The BLM sponsors the Interagency Cadastral Coordination Council (ICCC) to reach out to all agencies and the private sector on standards, collection, maintenance, reporting, and institutional arrangements to assure continued coordination.

- BLM facilitates the coordinating data collection initiatives at the national level at Subcommittee meetings.

9. Collection: Do your agency contracts and grants involving data collection include costs for NSDI standards?

Yes

10. Clearinghouse: Is all the data and/or metadata that your agency is able to share with the public published on the NSDI Clearinghouse? If not, please cite barriers encountered.

Yes B The BLM and NILS maintain an active data delivery site.

11. E-Gov: How are you using geospatial data in your mission activities to provide better services? (Please list)

Geospatial data is essential to the delivery of services and to completing the work of the mission of the agency. As examples, the Geographic Coordinate Database is used as a spatial definition for land records from the LR2000 system. By registering these legal documents to spatial framework data quality is improved, information can be combined from multiple sources, data can be easily shared with tribal and non-federal partners and information can be presented in a meaningful manner for decision makers.

Geospatial data are used in all BLM programs to some degree and the agency has made a commitment to provide access to geospatial data and GIS tools to use this data for mission activities.

12. Geospatial One-Stop: How is your agency involved in the Geospatial One-Stop?

We are currently migrating the existing standard to an ANSI standard to be compliant with the Geospatial One Stop activities.

We have representatives that regularly attend and participate in Geospatial One Stop meeting

13. Enterprise Architecture: Is geospatial data a component of your enterprise architecture? Please provide a brief summary of how geospatial data fits into your enterprise architecture.

Yes, this has been factored into the BLM=s architectural design and implementation.

14. Partnerships: What efforts are being taken to coordinate data and build partnerships at the field level for data collection and standards development? Identify partnerships and data sharing activities with other federal agencies, state, local, and tribal governments and other entities.

- The BLM has many active and ongoing partnerships for data coordination and collection.
- GCDB has active partnerships with many western and some eastern counties for the collection and maintenance and delivery of GCDB data. This covers all of the western states.
- The BLM has shared pilot projects with Montana, Colorado, Florida, and North Carolina for developing prototypes for shared collection and integrated data publishing.
- The BLM has an active program for developing collection activities with many tribal governments.

15. Concerns or Lessons Learned: Are there areas or issues regarding spatial data that require attention, or lessons learned that you would like to share with others? Please describe.

- Concern: The digital data component of the Cadastral Survey Program in BLM does not have a stable/permanent funding base for the maintenance and update of boundary information. This program is programmed for budgetary cuts in FY 2004.
- Lesson: Partnerships are the essential element of success