

FGDC Annual Report to OMB

Format for Agency Reports – 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)

1. Agency or Bureau: [Federal Emergency Management Agency](#)

2. Name of Contact for Report: Email: Phone #:

Scott McAfee Scott.McAfee@fema.gov (202) 646-3317

Leslie Weiner-Leandro leslie.weiner-leandro@fema.gov (202) 646-4503

3. Steering Committee Member: Email: Phone #:

Michael Buckley Michael.buckley@fema.gov (202) 646-2756

4. Coordination Group Participant(s): Email: Phone #:

Leslie Weiner-Leandro leslie.weiner-leandro@fema.gov (202) 646-4503

Scott McAfee scott.mcafee@fema.gov (202) 646-3317

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

[See Attached](#)

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.

FEMA has completed a requirements analysis and a strategic plan for implementing an enterprise GIS system in the agency. FEMA is about to begin the third phase, the Implementation Plan for its Enterprise GIS. As a part of this third phase, FEMA will build a enterprise data model, that is compliant with FGDC standards. The Enterprise GIS effort will take into account the vision and activities of the FGDC.

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.

FEMA documents relevant spatial data to the CSDGM. This includes flood map data and hazards data available from the Multi-hazards Mapping Site, hazardmaps.gov.

In addition, as a part of FEMA's Enterprise GIS effort, the Agency has built a prototype of a FGDC compliant data model. This model is based on SDSFIE standards. FEMA's objective is to enhance this existing SDSFIE model with FEMA specific hazards' based entities and classes.

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

FEMA takes advantage of formal data coordination mechanisms where they exist. FEMA is an active participant of NDEP and NDOP, and is exploring use of the I-Teams for assisting our flood mapping and multi-hazard mapping data collection.

In addition, FEMA maintains close coordination with other Federal Agencies, such as NIMA, the USACE and the USGS, and other Federal Response Plan participating Agencies. A major focus of these coordination activities involves data sharing.

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

Our guidelines and specifications for flood mapping require adherence to FGDC metadata and accuracy standards, where appropriate. These are incorporated into contract costs.

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.

FEMA's public hazard mapping site, HazardMaps.gov, serves as a node on the NSDI.

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

- a. Development of a sophisticated geospatial data product for flood maps
- b. Development of a website for multihazard information
- c. Geospatial analysis and mapping for response and recovery
- d. Geospatial modeling for disaster damage and loss estimation.
- e. Geospatial location wizard for ordering flood maps online

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

FEMA is an active participant of GSOS, including attending meetings, participating in the dialog, and providing funding.

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.

Geospatial data is an important part of the FEMA enterprise architecture. As a part of its enterprise architecture, FEMA is building an enterprise data model. Geospatial data is one of five essential components to this model that include, in addition to GIS: Business data, Disaster data, disaster Help data and threat management data. In addition to serving as a specified essential component, much of FEMA's data in the other data components will be georeferenced.

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.

For flood mapping, FEMA has the Cooperating Technical Partners (CTP) program. Among other things, CTPs work closely with FEMA to collect data required to make flood maps. CTP's can get credit for geospatial data collection under this program. The Multihazard Mapping Initiative is forming a Community Advisory Group (CAG) to advise on use of the multihazard maps, and partnered with NOAA in funding the project. FEMA is currently looking at I-Teams as a mechanism for coordinating data collection aspects of some of these activities.

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.

