



GEO-ENABLING GOVERNMENT BUSINESS PRACTICES

THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S (FEMA'S)

ENTERPRISE GEOSPATIAL SERVICES



Background: Providing agency-wide enterprise geospatial services can help improve the efficiency, cost-effectiveness, and sustainability of organizations' geospatial investments.

Value Statement: FEMA's Enterprise Geospatial Services help improve the efficiency, cost-effectiveness, and sustainability of geospatial investments across the agency. By providing a suite of services that can assist in performing essential agency-wide functions, such as data delivery, automated map production, and licensing, FEMA is able to streamline its GIS operations and maximize its use of geospatial technology across the agency.

What Functions Do FEMA's Enterprise Geospatial Services Provide?

Core Functions

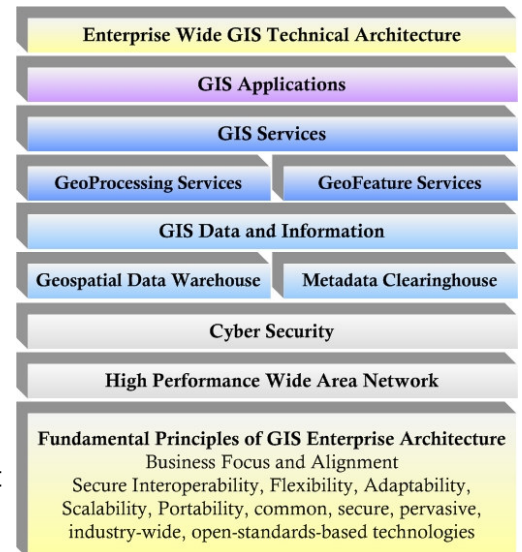
- Ensure FEMA Geospatial Data Quality: Accuracy, Reliability
- Operate & Maintain Mapping and Analysis Center (MAC) for Geospatial Analytical Services
- Manage FEMA's Geospatial Enterprise Portfolio
- Operate & Maintain FEMA's Geospatial Enterprise Services
- Improve FEMA's Geospatial Knowledge Base

Geospatial Digital Services: Common Centralized Services

- Feature Services Provide Essential FEMA Disaster Data
- Provide FEMA GeoData Portal for Access to Federal Disaster and Non-Disaster Data Sources at <http://gis.fema.gov/dataportal>
- Geoprocessing to Create New Data & Perform Analysis
- Geodatabase Management for High Performance Delivery
- Metadata Repository: Circular A-16 Requirements & Search
- Imagery Analysis of Current Landscape; Post-Disaster Change Detection & LIDAR Analysis
- Web Mapping Using Multiple Technologies
- Deployable/Mobile Mapping for Consistent, Expert Field Support
- Automated Map Production to Simplify Complex Procedures

Geospatial Professional Services

- Project Management/COTR
- Business Analysis
- Spatial Analysis/Modeling
- Systems Engineering
 - Geospatial Data Management
 - Geospatial Technology, Data, Symbology, Standards
 - Geospatial Application Design
- Portfolio Management
 - Geospatial Software Licensing & Acquisition
 - Geospatial Market Research & Acquisition
- Tech Training & Best Practices
 - FEMA Geospatial Community Outreach
 - ESRI Online Training Coordination



How Can You Leverage FEMA's Enterprise GIS Model?

- Learn from FEMA's approach to centralizing key GIS tools, functions and services
- Make use of FEMA's publicly available GIS resources at <http://www.gismaps.fema.gov>

For Additional Information, Please Contact:

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