DOI Executive Workshop on Geospatial Information Systems

*** Break out sessions ***

What programs represented in our Group??
    Fire, Facilities, Acquisition and Real Property, Asset Initiative, Geomac, Law
    Enforcement and Security, Fire Program Management

Geospatial Information Requirements

1. How are GIS/geospatial technologies used in your program?
    Satellite Imagery

2. What are the greatest gaps in geospatial information needs?
    Bandwidth/Large File Size, Data Publishing Mechanism, Border Areas and
    National Icons for Law Enforcement, Data Collection Standards, Training,
    Common Software and Hardware Tools, Develop New Applications using ESRI
    Powers, Communications and Leverage Solutions, Data Discovery Tool, Data
    Extraction Routines with Unique Identifier, Location, and Metadata, Fine
    Scale/High Resolution, Localized Granular Data Sets, NHD, Data Adjacent to
    U.S. Border (100 Miles)

3. What cross-cutting functionality (tools) are you needing:
    Viewshed
    Proximity buffer
    Red Line
    Profiles
    Routing
    Geo-fence
    Geoprocessing
    Boolean Queries
    Find and identify
    Where am I (GPS)

4. What geospatial technology do you need?
    Web services
    Visualization
    Generate output maps
    Generate input datasets
    Use of GPS
    Spatial analysis
    Use of mobile computing

Infrastructure Requirements

1. What do you expect the DOI network infrastructure to do for your
   program/initiative?

a. More decentralized loosely connected ArcGIS desktop operations (i.e. increased access to required software and data on individual desktops)

or

More GIS operations supported by National applications (i.e. more workflow standardization and centralized operations)

b. More sharing of data resources between agencies?
   - maintain independent analysis capability
   - dependancy on web apps and web services
   - role-based security
   - Better data standards, data integration with other business systems, and interoperability between user workflows?

EGIM Initiative

These questions are focused on polling the participants about how the EGIM initiative might better support the GIS users in the Department. The list is incomplete, but intended to provide an example of questions related to the items defined in the business case.

1) What improvements in GIS training would better support your use of GIS?
   Demand Exceeds Supply, Make Time Available for Employees, Educate Managers, Creative Use of GIS Tools, Better Use of Virtual Campus, Develop Niche Specific Training Classes

2) What improvements in GIS support (e.g. help desk, knowledge base) would better support your use of GIS?
   Increase Awareness, Benefits to Management Decisions, Mentoring Process, Enterprise-wide Help Desk, List Server, Contacts Database

3) What data management issues are you facing that might be better supported through an enterprise approach to GIS within DOI?
   How do you know what to ask for, Applications Need to be Designed with Spatial Requirements, Enterprise Architecture

4) What GIS/geospatial issues are you facing that might be better supported through an enterprise approach to IT within DOI?
   Aging Data with Less Value

Recognize Network Gaps (Need to get coverage)