OMB Circular A-16
Supplemental Guidance

FGDC Steering Committee
October 6, 2011
A-16 Supplemental Guidance

- Overview
- Data Themes
- Implementation Strategy
- Next Steps/Actions
Purpose of A-16 Guidance

- **Clarify** the objectives outlined in *OMB Circular A-16 (Circular A-16)* and Executive Order (E.O.) 12906

- **Promote** systematic **portfolio management for** *Circular A-16* themes and associated data sets

- **Improve ability to coordinate and collaborate on completion of Circular A-16** themes and associated data sets by Federal agencies and their partners

- **Develop a process to modify** *Circular A-16 Appendix E themes and associated data sets* to reflect the current business of Federal agencies and their partners
Overview of A-16 Supplemental Guidance

Released by OMB November 10, 2010

Defines a portfolio management approach for managing geospatial data assets

Reference documents available on FGDC.gov:

- FGDC Federal Agency Representation
- Key Stakeholder Roles and Responsibilities
- Processes for Revising OMB Circular A-16 Appendix E: NSDI Geospatial Data Theme Principles
- Stages of the Geospatial Data Lifecycle
- Lexicon of Geospatial Terminology
Portfolio Management Definition

- Tracking, maintaining, expanding, aligning assets to address and solve business needs
- Understanding what assets exist and ensuring that data is authoritative (trusted), consistent, current, applicable, and resourced
Value of Portfolio Management

Portfolio management will support:

- A comprehensive approach for managing National Geospatial Data Assets
- A trusted Data offering on the Geospatial Platform
- Provides a better understanding of what data is available across agencies
- Informed decision making
- A basis for making sound investments
Organizing the Geospatial Portfolio

Federal Geospatial Data Portfolio (NGDA Portfolio)

- NGDA Theme
  - NGDA Dataset
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- Biota
- Cadastre
- Climate and Weather
- Cultural & Demographic Statistics
- Cultural Resources
- Elevation
- Geodetic Control
- Geology
- Governmental Units
- Imagery
- Land Use-Land Cover
- Real Property
- Soils
- Transportation
- Utilities
- Water – Inland
- Water – Oceans and Coasts
Why organize data into Themes?

Many geospatial datasets can be related to a broader category (e.g., watershed boundaries, wetlands, and hydrography all relate to water)

Datasets that are related can be managed most effectively when organized into logical units, or Themes
Benefits from using a Theme based Portfolio Management approach

- Datasets from multiple agencies/sources can be more effectively managed and delivered to meet public and government needs.
- Investment and development needs and strategies for critical datasets can be effectively described and supported.
- Sound data management practices can easily be shared across Themes.
Things to keep in mind

- Portfolio based management is new and agencies will likely need to consider new approaches to managing certain data assets
- Agencies will need to collaborate with other agencies regarding data integration, documentation, access, etc.
- We will all need to be flexible as we gain experience with this approach
Proposed Implementation Strategy Diagram

Portfolio Management

NGDA Portfolio A-16 Supplemental Guidance

Implementation Processes
- Plan
- Manage
- Report

Incentives
- Plan Templates
- Training

Outreach and Communications
- Training
- Tools
- Messaging

Outputs and Outcomes

Geospatial Platform
- Data (NGDA)
- Services
- Applications

Data as a Service
Early Implementation Priorities

- Develop training materials and templates
- Educate agency leadership
- Develop Agency Implementation Plans identifying agency's Theme/Datasets and responsible personnel
- Complete Portfolio Management pilot(s)
- Initiate Theme Strategic/Implementation Plans

*Each priority can be managed using "time boxes" to show progress*
Steering Committee Actions

- Champion the A-16 Supplemental Guidance Implementation Strategy
- Familiarize yourself and your staff with roles and responsibilities (training available)
- Endorse and commit to Theme Lead Agency roles
- Select Themes for piloting processes
- Develop Agency Implementation Plans
Questions?

For additional questions please contact:

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