

# OMB Circular A-16 Supplemental Guidance Portfolio Management

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# Agenda

## ◆ Presentation (15 min)

- Background
- Overview of current issues
- Expected outcomes and outputs
- FGDC Guidance to NGAC

## ◆ Discussion (25 min)

## ◆ Next Steps/Actions Needed (5 min)



# Background

## ◆ A-16 Supplemental Guidance

- Issued by OMB in November 2010

[www.whitehouse.gov/sites/default/files/omb/memoranda/2011/m11-03.pdf](http://www.whitehouse.gov/sites/default/files/omb/memoranda/2011/m11-03.pdf)

- Defines and clarifies selected elements of OMB Circular A-16 (Circular A-16)
- Establishes a framework for portfolio based management of National Geospatial Data Assets (NGDA)



# Value of Portfolio Management

## Portfolio Management Approach

Portfolio Management applies consistent management approaches that help increase the quality of data through best practices and documentation in a manner that:

- reduces duplication and cost
- provides greater accessibility
- supports shared services across government



## Portfolio Management Outcomes

Improved understanding of available data

Increased information sharing

Coordinated delivery of common geospatial services

Improved transparency in investment activities

Break down of informational and organizational silos

Better informed decision making

# Consolidated Themes From 34 to 17

- ◆ Evaluated A-16 Appendix E against many geospatial data organizational models, including:
  - ISO Topic Categories
  - The National Map
  - GIS for the Nation
  - Census TIGER
  - GOS Communities
  - DHS Feature Base
  - HSPD-7 Sectors
  - Data.Gov
- ◆ Developed recommendation for new themes
- ◆ Themes approved by FGDC Steering Committee, October 2011



# 17 Approved Themes

- Biota
- Cadastral
- 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



# Status of Original Framework Themes

- ◆ **Geodetic Control** – No change
- ◆ **Cadastral** – Expanded to also include: Cadastral Offshore (BOEMRE), Public Land Conveyance (BLM), and Federal Land Ownership (BLM)
- ◆ **Orthoimagery** – Broadened to Imagery
- ◆ **Elevation** – Now Includes Bathymetry Theme
- ◆ **Hydrography** – Broadened to Waters-Inland – Now also includes Watershed Boundaries, Flood Hazards/Flood Plain Hydrography (USGS) and Wetlands
- ◆ **Administrative Units** – Name changed to Governmental Units – now also includes International Boundaries and Marine Boundaries
- ◆ **Transportation** – Now also includes Transportation Marine



# NGDA Theme Lead Agency Recommendations

<b>NGDA Theme</b> <i>List endorsed by the FGDC Steering Committee, August 19, 2011</i>	<b>A-16 Appendix E Theme*</b> <b>(Theme Lead Agency)</b>	<b>RECOMMENDATION</b> <b>Theme Lead Agency</b>
Biota	Biological Resources (DOI-USGS) Vegetation** (USDA-FS)	Co-Leads: DOI-USGS and DOI-FWS
Cadastre	Cadastral** (DOI-BLM) Cadastral Offshore (DOI-BOEMRE (MMS)) Public Land Conveyance (patent) Records (DOI-BLM) Federal Land Ownership Status (DOI-BLM)	DOI-BLM
Climate and Weather	Climate** (DOC-NOAA)	DOC-NOAA
Cultural & Demographic Statistics	Cultural & Demographic Statistics** (DOC-Census) Law Enforcement Statistics (DOJ) Public Health (HHS)	DOC-CENSUS
Cultural Resources	Cultural Resources (DOI-NPS) Geographic Names (DOI-USGS)	NPS
Elevation	Elevation Bathymetric (DOC-NOAA and USACE) Elevation Terrestrial (DOI-USGS)	USGS
Geodetic Control	Geodetic Control** (DOC-NOAA)	DOC-NOAA
Geology	Geologic** (DOI-USGS) Offshore Minerals (DOI-BOEMRE (MMS))	USGS
Governmental Units	Governmental Units (DOC-Census) International Boundaries** (State Dept.) Marine Boundaries (DOC-NOAA and DOI-BOEMRE (MMS))	DOC-CENSUS



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Imagery	Digital Ortho Imagery** (DOI-USGS)	Co-Leads: USDA-FSA and DOI-USGS
Land Use-Land Cover	Earth Cover (DOI-USGS)	Co-Leads: DOI-USGS and USDA-FSA
Real Property	Buildings and Facilities (GSA) Housing (HUD)	GSA
Soils	Soils** (USDA-NRCS)	USDA-NRCS
Transportation	Transportation** (DOT-BTS) Transportation (Marine)** (USACE)	DOT
Utilities <i>* Includes sub themes for Energy, Drinking water and Water treatment, and Communications</i>	N/A	DOI-MMS/BOEMRE
Water – Inland	Hydrography** (DOI-USGS) Watershed Boundaries** (DOI-USGS and USDA-NRCS) Flood Hazards/Flood Plain (DHS-FEMA) Wetlands** (DOI-FWS)	Co-Leads: DOI-USGS and FWS
Water – Oceans and Coasts	Baseline/Maritime Zones (DOC -NOAA and DOI-BOEMRE (MMS)) Outer Continental Shelf Submerged Lands** (DOI-BOEMRE (MMS)) Shoreline** (DOC-NOAA)	DOC-NOAA

# Opportunities

- ◆ Identify "Go To" Person for NGDA Theme requirements and development of communities of interest
- ◆ Develop new partnerships and broker relationships to leverage limited resources
- ◆ Improve data quality, consistency, usefulness, and trustworthiness
- ◆ Inform the budget process for geospatial assets
- ◆ Measure progress in improving NGDA data maturity and completing the NSDI



# Challenges

- ◆ Implementation of Portfolio Management still a work in progress
- ◆ Ensuring sufficient partner and stakeholder participation
- ◆ Agencies must evaluate impact, time and effort required
- ◆ Theme Lead has influence but not authority over management of datasets outside Theme Lead Agency



# Next Steps

- ◆ Finalize Theme Lead Agencies and the initial array of data sets under each theme
- ◆ Identify actual theme and data sets Managers
- ◆ Develop training curriculum and materials
- ◆ Conduct pilot(s) - Theme Implementation Plan, Theme and Dataset management and reporting processes
- ◆ Complete Theme Implementation Plans



# FGDC Guidance to NGAC

The FGDC is requesting that the NGAC provide its perspective on A-16 Data Theme revisions, including the following questions:

- Are there significant gaps or omissions in the revised data themes and associated datasets? Are there gaps in the initial groups of core datasets recommended by Federal agencies under the 17 data themes?
- How can State, local, and tribal governments, as well as other stakeholders, contribute most effectively to implement the development of the revised data themes and associated datasets?
- How can stakeholders and communities of interest contribute to the development of sustainable models for data theme and dataset development and maintenance?



# Questions & Answers

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