Geospatial Coordination at DOI

Jerry Johnston
17 June 2014
Presentation Overview

• Overview of GIO Role

• DOI Geospatial Advisory Committee

• Geospatial Services Strategic Plan (2014-2016)

• “Building a Better Landscape Level Understanding of our Resources”

• Q&A
Introduction / Overview of GIO Role

• DOI Geospatial Information Officer
  o Responsible for coordination / promotion of geospatial technology across the Department
  o Advocacy for Bureau / Office geospatial needs
  o Lead for Office of the Secretary components’ use of geospatial technology
  o Policy and standards development
  o Review of geospatial IT expenditures
  o Enterprise geospatial software / data acquisition
  o Senior Agency Official for Geospatial Information (leads Departmental representation on Federal Geographic Data Committee)
DOI Geospatial Advisory Committee

• Chartered by Deputies Operating Group (DOG)
• Chaired by GIO
• Comprised of senior Bureau / Office staff who “provide strategic direction in the use of geospatial technology in their organizations”
• Team meeting monthly (conference calls)
• Subgroups established to cover key focal areas:
  o Geospatial Enterprise Licensing
  o Positioning, Navigation and Timing
  o Data Coordination
### DOI Geospatial Advisory Committee

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<tr>
<th>Organization</th>
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<tr>
<td>BIA</td>
<td>Chad Wallace</td>
<td>Beth Wenstrom</td>
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<td>BLM</td>
<td>Duane Dippon</td>
<td>Christine Hawkinson</td>
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<td>BOEM</td>
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<td>BOR</td>
<td>Bruce Whitesell</td>
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<td>BSEE</td>
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<td>David Duran, Tim Smith</td>
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<td>Larry Sugarbaker</td>
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<td>FGDC</td>
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<td>Ken Shaffer</td>
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Geospatial Services Strategic Plan

- Associated with other key planning documents
  - DOI Strategic Plan (Draft)
  - NSDI Strategic Plan
  - A-16 Supplemental Guidance Implementation Plan
- Required deliverable from GAO-13-94 “Geospatial Information: OMB and Agencies Need to Make Coordination a Priority to Reduce Duplication”
DOI Geospatial Services Strategic Plan (2014-2016)

Goal 1: Information and Data
- A-16 Portfolio Management
- Optimize Data acquisition
- Improve catalogs
- Support NSDI

Goal 2: Governance
- Improve frameworks
- Implement performance management

Goal 3: People
- Foster strategic partnerships
- Collaborate for better re-use

Goal 4: Technology
- Enterprise acquisition
- Develop portfolio
- Policies & procedures
GSSP Strategic Goals

• Goal 1: Information and Data
  o Geospatial information availability and accessibility

• Goal 2: Governance
  o Ensure accountability and effective management

• Goal 3: People
  o Strengthen collaboration

• Goal 4: Technology
  o Sustain technology environment for leveraging and sharing of data and solutions
Goal 1: Information and Data

• Highlighted Objectives and Strategies
  ○ Advance geospatial portfolio management
    • Implementation of A-16 Supplemental Guidance
  ○ Optimize acquisition of geospatial datasets
    • Institutionalize use of Marketplace
    • Enterprise acquisition of shared datasets
  ○ DOI Data Clearinghouse
  ○ Annual prioritization process for high priority needs
Goal 2: Governance

• Highlighted Objectives and Strategies
  o DOI Geospatial Advisory Committee
  o Performance management criteria & metrics
Goal 3: People

• Highlighted Objectives and Strategies
  ○ Foster strategic partnerships
  ○ Internal collaboration for sharing and re-use
    • Inventory of existing resources and assets
    • Best practices capture
Goal 4: Technology

- Highlighted Objectives and Strategies
  - Enterprise software license acquisition strategies
  - Departmental Geospatial Technology Portfolio
  - Policies/procedures/practices for improving sharing of technology solutions
    - Source code documentation & standards
    - Recommendations on enterprise use of reusable frameworks
GSSP: Next Steps

• GAC workgroups will be established
  o Annual implementation plans & action tracking
  o Reporting on progress
  o Process for “reporting up”
Building a Better Landscape Level Understanding of Our Resources

*Today we have an unprecedented opportunity, using science and technology, to create a better understanding of landscapes than ever before, to advance important conservation goals and achieve our development objectives together. It’s not an either/or. It can’t be. We’re already seeing this approach work, as we seek to meet President Obama’s goal of approving 20,000 megawatts of renewable energy on public lands by 2020.*

Sally Jewell, Secretary of the Interior

October 31, 2013
Building a Better Landscape Level Understanding of Our Resources

• DOI Strategic Plan (2014-2018)
  o **Mission Area #6**
  o **Goal #1**: Provide Shared Landscape-level Management and Planning Tools
  o *GIS is key technology for many of these goals/strategies*

• Secretarial Order on Mitigation (3330)
  o Focusing on mitigation opportunities at the landscape level
  o Part of Administration’s efforts to reduce by ½ the aggregate timelines for reviewing and permitting major infrastructure projects
  o Required to put on workshop with partners on geospatial / mitigation
Q&A
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