JLCIMT/State CIO
Geospatial Data Sharing Workgroup
Geospatial Framework Data Sharing Among Public Bodies
September 2016
Geospatial Framework Data Sharing

SUMMARY

• Sharing geospatial Framework data between government agencies results in better decision making and increases return on data investments
• Sharing geospatial Framework data provides mutual benefits for all jurisdictions
• Legislative Concept developed by stakeholders aims to improve data sharing
• Not logistically possible to make the case for sharing to all jurisdictions (1300+) and their elected officials…we tried that and were unsuccessful
• Governance structure in Legislative Concept enables all stakeholders to participate in determining how, when, and what is shared
Geospatial Framework Data Sharing

Problem Statement:

• Successful government decisions depend on reliable, accurate, timely information

• Government decisions are often based on inadequate data that isn’t updated or complete

• Most government agencies don’t consistently share data with each other, so data “gaps” and duplication exists…

• Oregon State and local government wastes over $200 million annually duplicating geospatial data collection and management.* Oregon Geographic Information Council Study - 2006
Geospatial Framework Data Sharing

Problem Statement (cont.):

• The **impediments** that prevent data sharing between government agencies can be summarized as:
  • Privacy/Confidentiality
  • Liability
  • Cost recovery for geospatial data development, management, maintenance and sharing
  • Governance to make collaborative decisions has been inadequate
  • Effectiveness and use of intergovernmental agreements has been problematic

• **Geospatial data** – any dataset with a locational element, such as an address, tax lot ID or latitude/longitude coordinate – **is an essential component of the business of government.**
Draft Legislative Concept Overview

- Establishes the Oregon Geographic Information Council (OGIC)
  - Establishes Geospatial Enterprise Office (GEO) and State Geospatial Information Officer position, necessary to support OGIC and effective Framework data sharing
  - GEO will operate and maintain a central repository for shared Framework data and provide secure means to share Framework data between public bodies

- Requires public bodies to share Framework data with other public bodies if they may do so using existing data and existing resources, without additional cost
  - Public bodies will consume data from the central repository, not from each other

- Establishes an OGIC Fund account for development, acquisition or maintenance of Framework data, or other activities that further the sharing of Framework data
Value Proposition

• Concept will make trusted data available consistently statewide for government use

  • Wildfire boundaries, tsunami zones, evacuation areas, etc., in combination with aerial imagery and home sites to protect life and property in disasters

  • Address points, emergency service zones, landmarks and first responder locations for 911 response

  • Public drinking water supply locations, contamination sources, pesticide use and tax lots to protect public water supplies

  • School districts and attendance areas in combination with address points to ensure foster kids stay in the same school when they have to be moved to a new home

  • Tax lots, economic incentive zones, roads, energy facilities, and school & business locations to promote economic development

  • FEMA floodplains and Oregon Water Resources Dept. water rights in combination with tax lots to help with flood mitigation and response, and enable water resource management
Geospatial Framework Data

- **Fundamental** geospatial data
- **Trusted** and **statewide** in extent
- **Serve a broad range of users** at all levels of government, academia, the private sector and the public at large
- Developed to **agreed standards**
- Shared securely and appropriately
- Maintained through **collaborative stewardship agreements** by local, regional, and state agencies
Geospatial Framework Data

- Cadastral
- Transportation
- Hydrography
- Admin Boundaries
- Elevation
- Imagery
- Geodetic Control
- Address Points
- Land Cover/Use
- Bioscience
- Climate
- Utilities
- Preparedness
- Geoscience
- Hazards
- Coastal/Marine
Oregon Framework Story Map

GEO STORY MAP WEB LINK
Contact Information

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JLCIMT/State CIO Geospatial Data Sharing Work Group Website
http://www.oregon.gov/geo/Pages/data-sharing-workgroup.aspx