OVERVIEW

- Background
- Organization
- Data elements
DATA IN GOVERNMENT

• Drives, informs, illuminates, enables government service provision
DATA IN GOVERNMENT

• Most government databases contain, or can contain, a locational element
  • Geography connects all things that exist or happen at any location
CONSISTENT PUBLIC SERVICES

Depend on locational data

However... locational data doesn’t exist everywhere in Oregon
HOW DO WE FILL THE DATA GAPS?

Quizlet

A. Throw lots of $$ at the problem
B. Leverage money already being spent
C. Work collaboratively to ensure the right data exist
D. Give up and go home
WHAT IS OREGON’S GIS FRAMEWORK?

Geospatial data backbone for Oregon

- Fundamental
- Collaborative
- Statewide extent
- Authoritative
- Standardized
- Discoverable
- Broad user base
- Maintained
WHAT IS OREGON’S GIS FRAMEWORK?

Vision

Authoritative spatial data is available and accessible when needed.
AUTHORITATIVE DATA

• Authority is the legal responsibility provided by a legislative body to conduct business for the public good
  • Data developed for a particular regulatory, statutory or related purpose by or for the authoritative source
• Other authoritative data types
  • rational & expert
WHAT IS OREGON’S GIS FRAMEWORK?

• Geospatial data for use in applications
• Base to which users can add or attach information
• Basis for accurate geographic registration and data compilation
• Base data for displaying locations and other information
• 250+ data elements
RELATIONSHIP TO NAVIGATOR

What is navigatOR?

• Oregon’s spatial data infrastructure
RELATIONSHIP TO NAVIGATOR

- Primary data in navigatOR
RELATIONSHIP TO NAVIGATOR

• Provides community-designed standards and guidelines for:
  • Data development
  • Data integration
  • Data maintenance (stewardship)
RELATIONSHIP TO NAVIGATOR

• It’s a group effort
  • Collaborative, cooperative community of participants
  • Responsive to needs of geospatial community and users
MEMBERSHIP CRITERIA

• At least one of the following are true:
  • Statewide
  • Broad user-base
  • Foundational
  • Secondary foundational
BENEFITS

- Cost savings
- Organizational efficiencies
- Decision-making efficiencies
- Partnership
- Base data & templates
- Standards & guidelines
- Network of GIS users
- Access to existing data
- Avoidance of data conflicts
- Reduced load from data requests
- Tapping into business needs & processes
FRAMEWORK WORK AREAS

- Coordination
- Data Development
- Data Stewardship: Data Maintenance & Integration
- Data Management
- Data Access
- Policy Guidance & Resource Management
- Monitoring & Response
PARTICIPANT ORGANIZATION
PARTICIPANT ORGANIZATION

• Framework Data Themes
FRAMEWORK DATA THEMES

Nationally recognized
- Cadastral
- Transportation
- Hydrography
- Admin. Boundaries
- Elevation
- Imagery
- Geodetic Control
- Address Points

Oregon-specific
- Land Cover/Use
- Bioscience
- Climate
- Utilities
- Preparedness
- Geoscience
- Hazards
- Coastal/Marine
PARTICIPANT ORGANIZATION

- Framework Data Themes
  - led by a FIT chair
  - multi-agency Framework Implementation Team (FIT)
- Framework Coordinator
- Oregon Geographic Information Council (OGIC)
  - Policy support from Oregon GIS Policy Advisory Committee (PAC)
  - Technical advice from GIS Program Leads (GPL)
FRAMEWORK DATA ELEMENTS
WHAT IS A FRAMEWORK DATA ELEMENT?

• Fundamental, geospatial dataset – base data for a variety of business purposes
  • Typically statewide in extent
  • Considered authoritative
  • Serve the purposes of a broad range of users
  • Developed to agreed upon data standards
  • Shared appropriately/discoverable
  • Of high quality given current resources; authoritative
  • Maintained via collaborative stewardship agreements
WHAT IS A FRAMEWORK DATA ELEMENT?

- Collection of related geographic features
- May occur as individual data set or collection of related data sets, similar to a feature dataset in ArcGIS
ACCESS TO FRAMEWORK

DATA

• Oregon Spatial Data Library (OSDL)
• ArcGIS Online

COMMUNITY

• Framework Forums
• Framework Implementation Team meetings
• Email lists
• GIS Program Leads
• Oregon Geographic Information Council
HOW DO YOU JOIN?

1. Visit gis.oregon.gov
2. Attend a Framework Forum
3. Join GEO’s email lists
4. Contact FIT leads
5. Contact Theresa Burcsu, Framework Coordinator

Theresa.Burcsu@Oregon.gov
503-378-3157
THANK YOU!

For more information go to GIS.OREGON.GOV