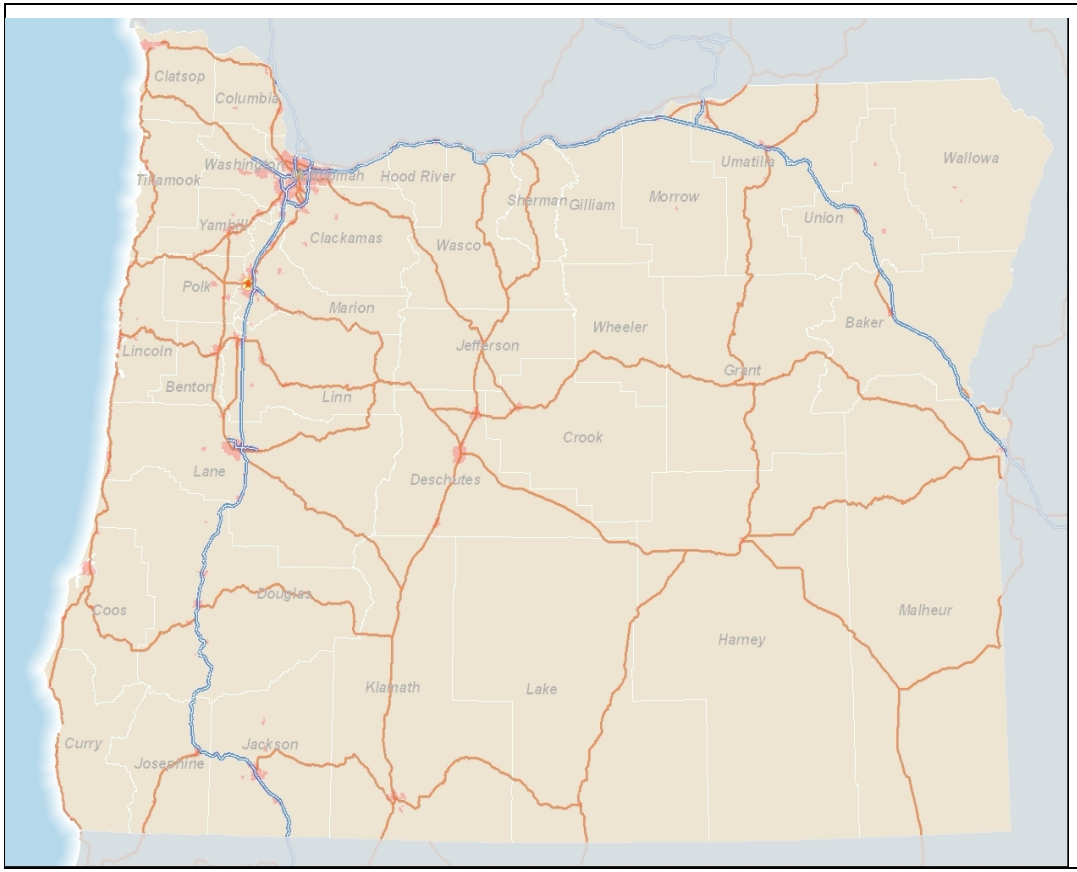
Cadastral – Tax Lot Data

- 18 Counties have signed the Cadastral Data Sharing agreements to date
  - Baker
  - Benton
  - Columbia
  - Crook
  - Curry
  - Gilliam
  - Hood River
  - Jackson
  - Jefferson
  - Josephine
  - Klamath
  - Lincoln
  - Marion
  - Multnomah
  - Polk
  - Tillamook
  - Union
  - Wasco
- Data-sharing Challenges can be overcome
  - Privacy/Confidentiality – Liability concerns
  - Proper use of the data – Liability concerns
  - Funding – potential loss of revenue

Oregon Broadband Mapping and Planning



Federal Stimulus Grant

Lead Agency – PUC

Purpose –

- Collect data to identify existing Broadband infrastructure and service areas throughout Oregon
- Determine served, underserved and unserved areas across Oregon
- Create an interactive Oregon Broadband website and maps
- Develop a Broadband Plan for Oregon

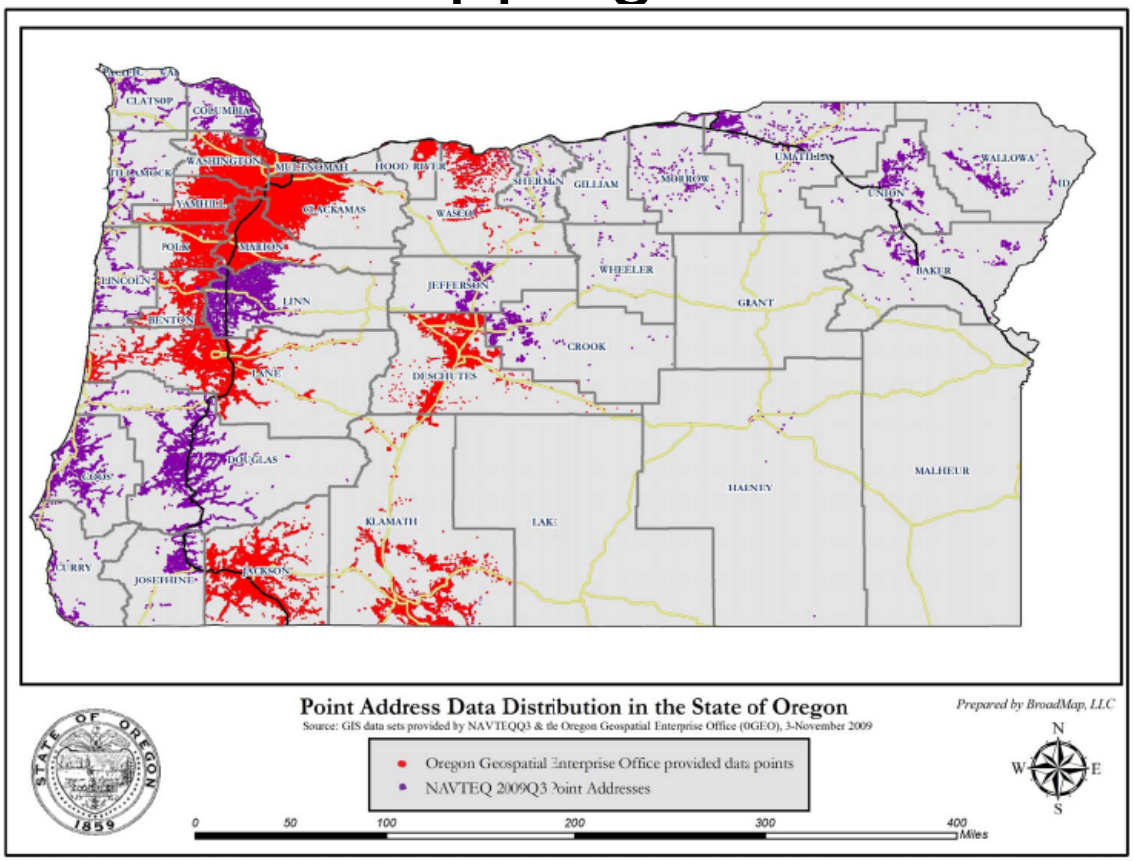
Building a Regional Capability

Oregon Broadband Mapping and Planning

Goal:
Master Address File

- **Essential** for assessing Broadband availability – served, underserved, & unserved areas

- **Essential** for public safety, emergency management and response and many other public service purposes



Building a Regional Capability

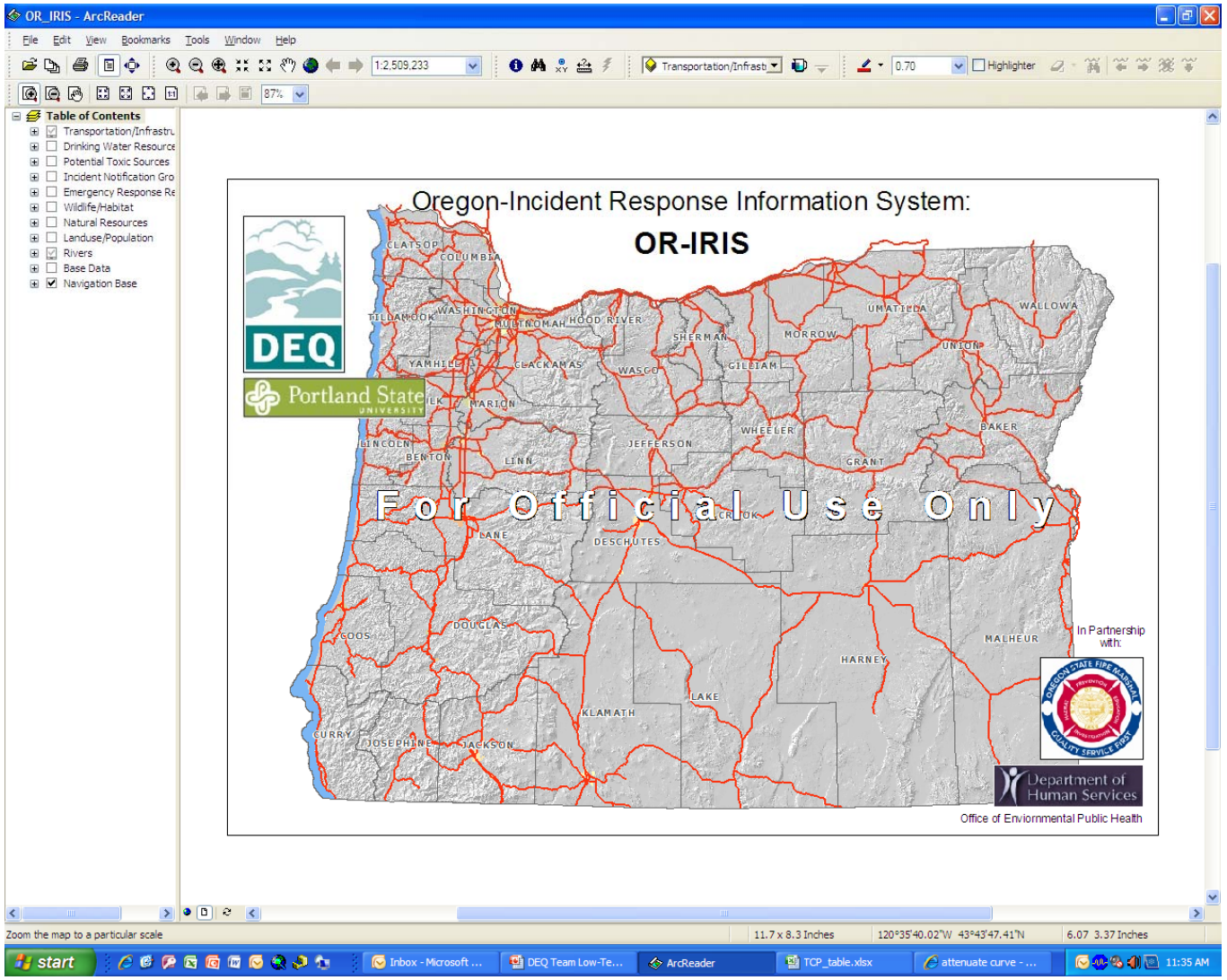
Oregon Incident Response Information System

OR - IRIS

In Partnership with:

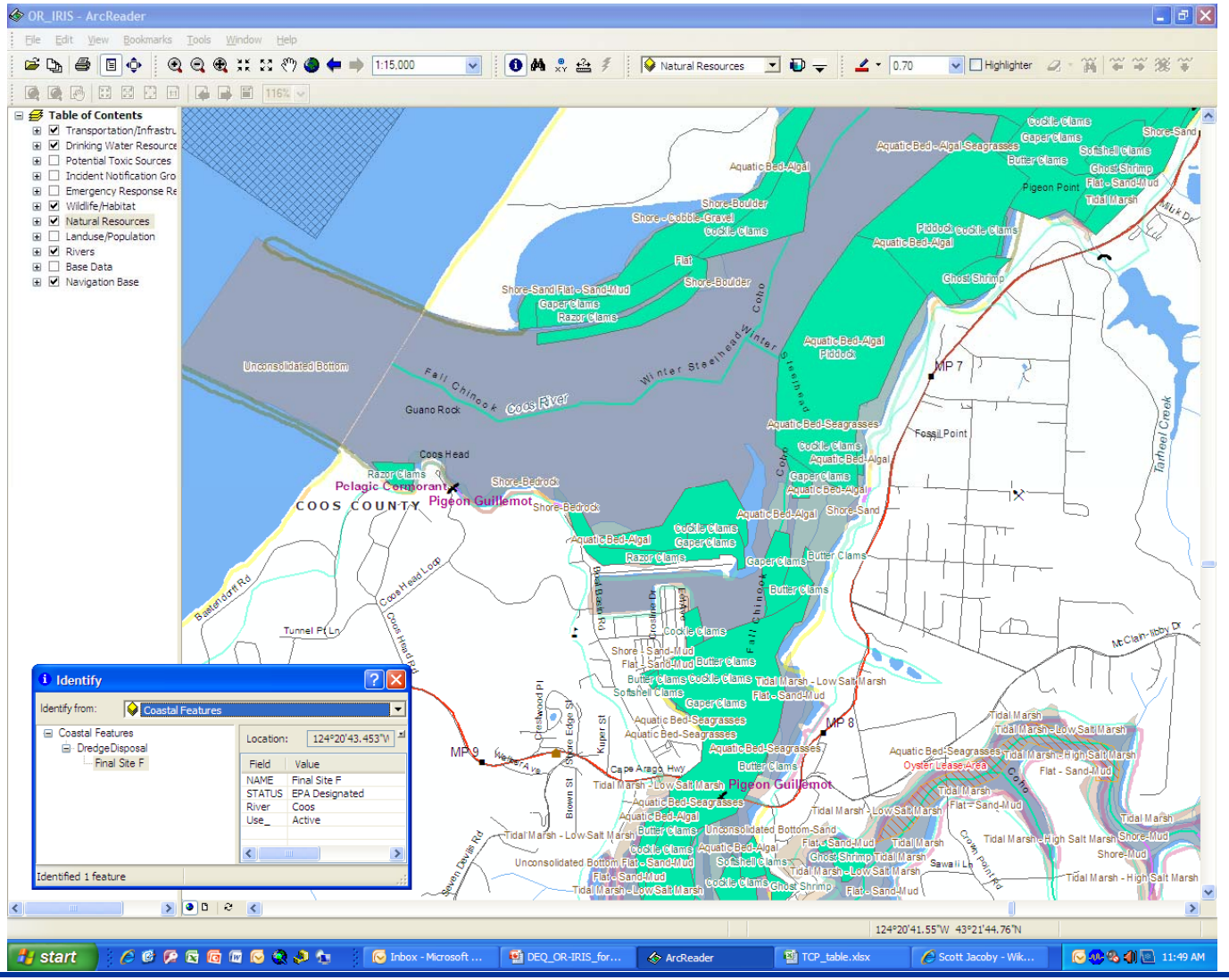
Office of Environmental Public Health

Building a Regional Capability



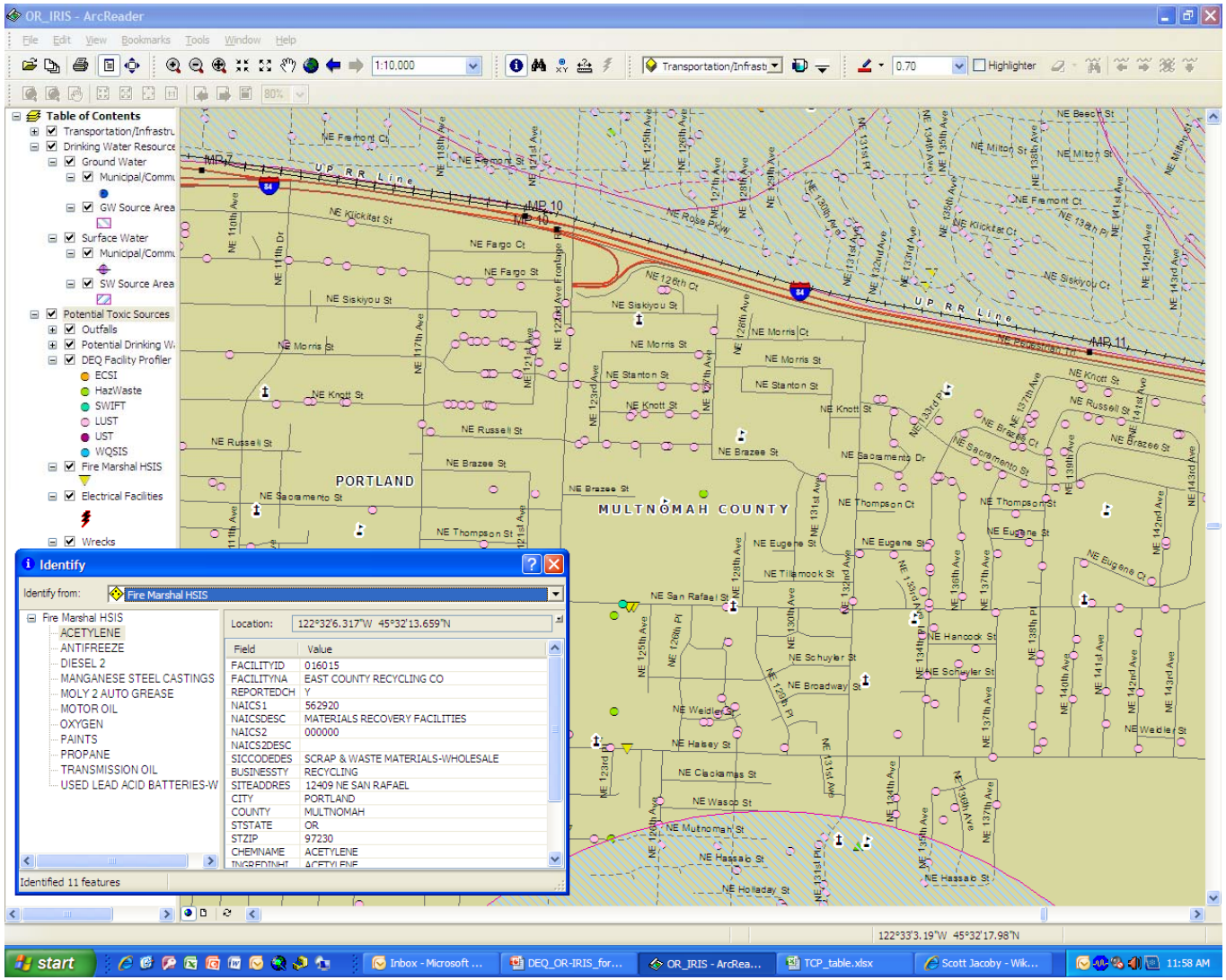
Building a Regional Capability

Wildlife/Habitat example – Coos Bay, Oregon



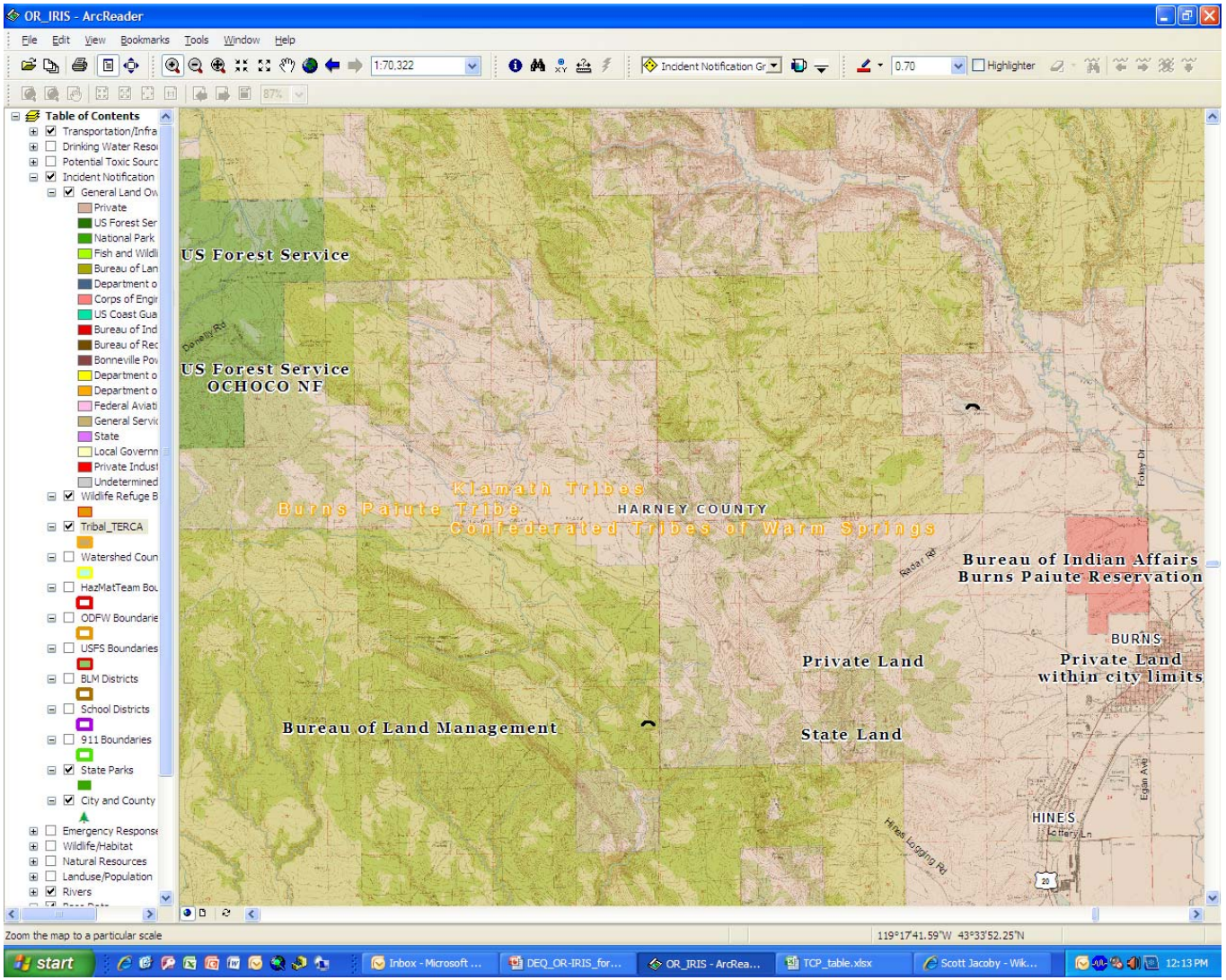
Building a Regional Capability

Potential toxics/drinking water example – East Portland



Building a Regional Capability

Land Ownership/Tribal coordination example – Burns/Harney Co.

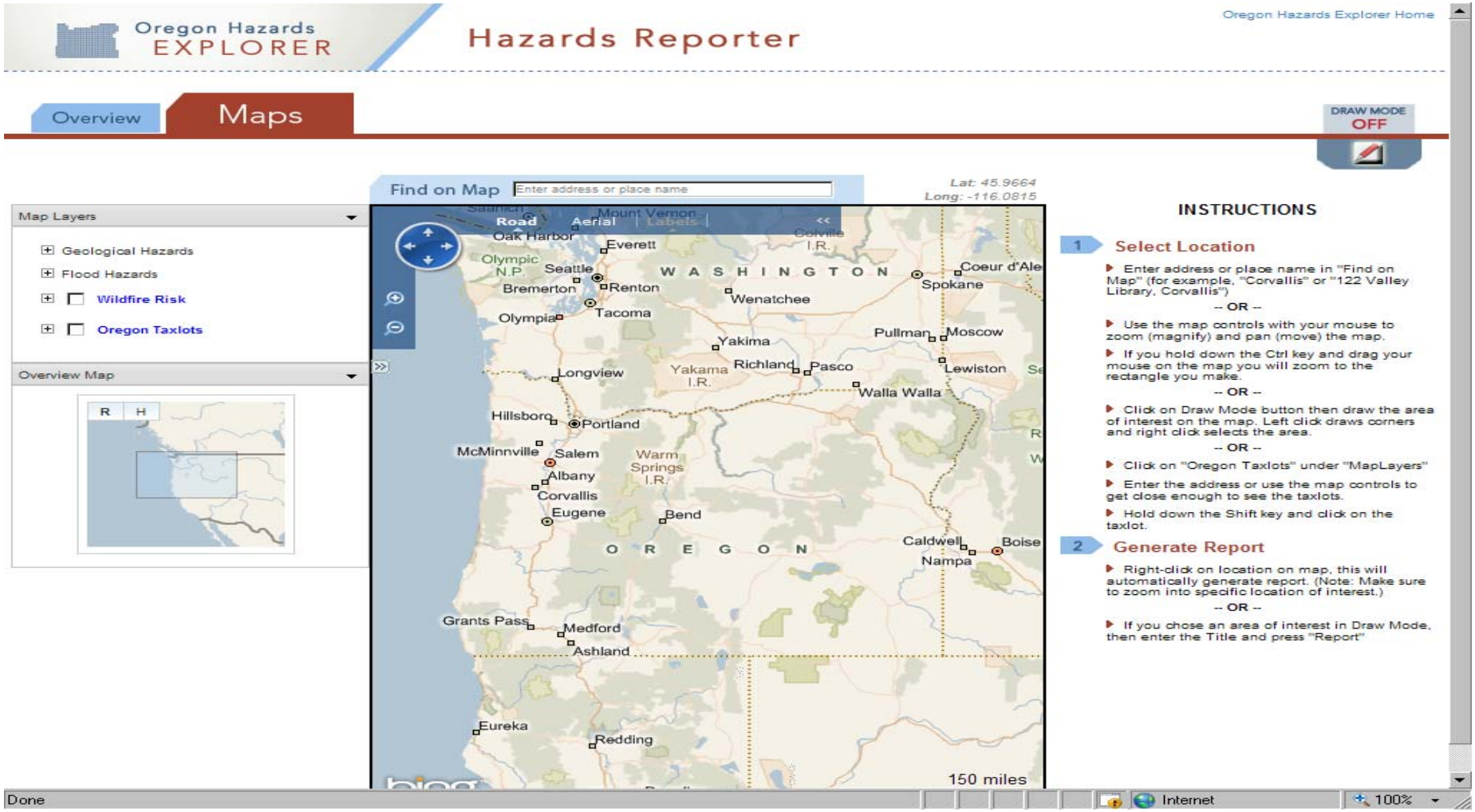


Building a Regional Capability

Oregon Hazards Explorer

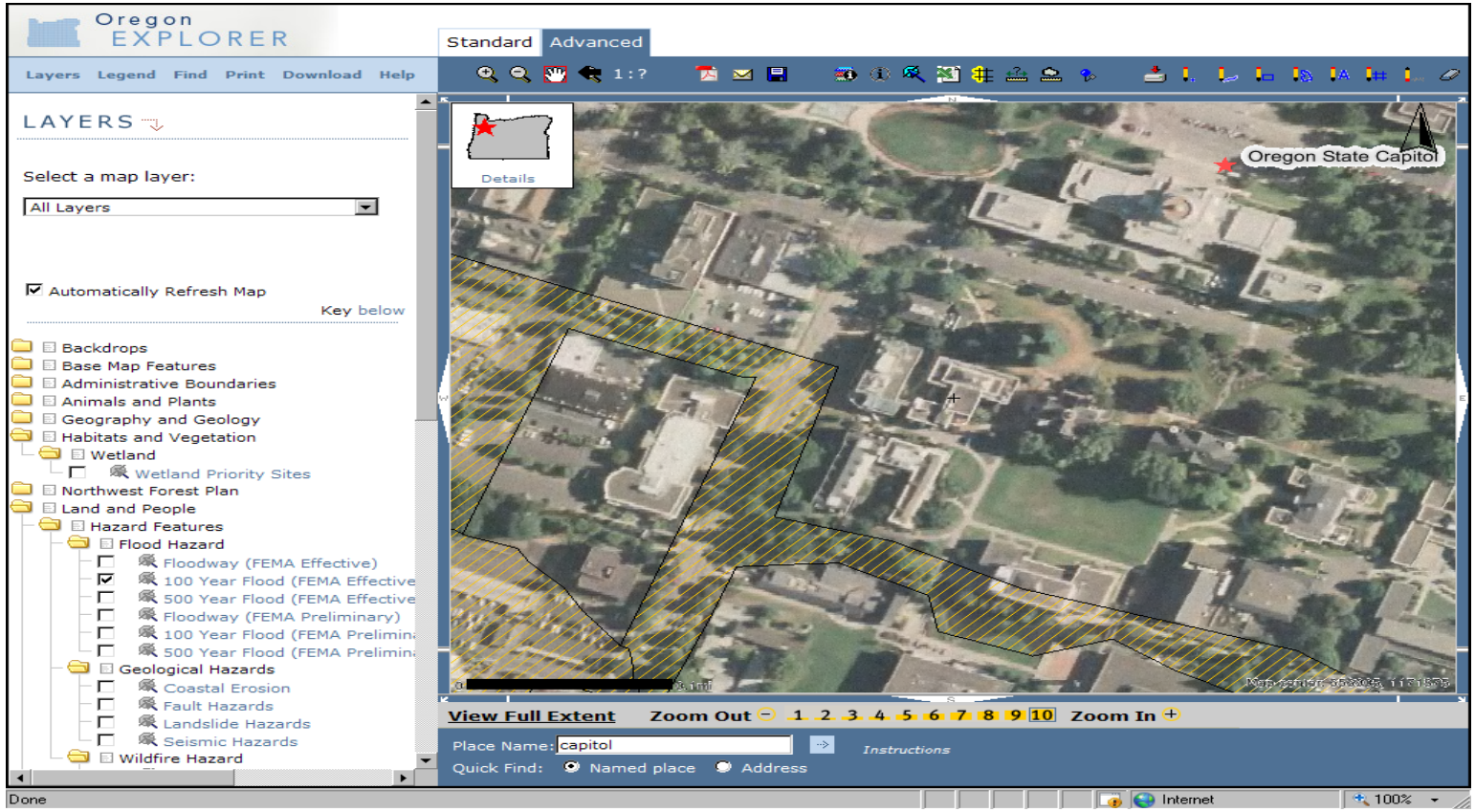
Building a Regional Capability

Homeland Security



Building a Regional Capability

Oregon Hazards Explorer

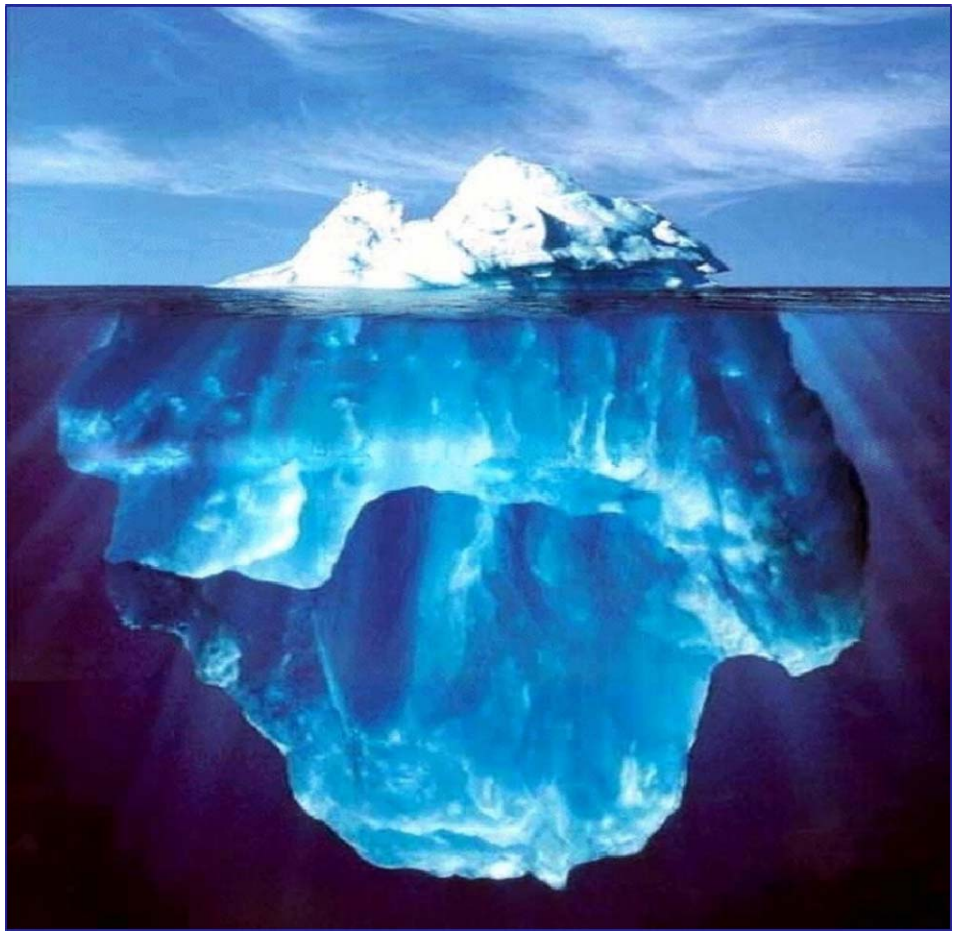


Building a Regional Capability

Homeland Security

Future Needs/Next Steps

Much Work Remains To Be Done



Future Needs/Next Steps

- Re-energize the Oregon Hazards/Preparedness FIT
  - http://www.oregon.gov/DAS/EISPD/GEO/fit/hazards.shtml
  - Last meeting held in March 2009
- Confirm Hazards Preparedness FIT Workgroup leads & seek volunteers to participate workgroup activities.

Current Workgroups

- Floods
- Landslides
- Earthquake
- Wildfire
- Tsunami
- Volcanic Hazards
- Naturally Occurring Hazardous Materials
- Geologic Floodplain
- Coastal Erosion
- Climate (in coordination with the Climate FIT)
- Hazards Website Coordination
- Tsunami
- Structures and Places

Future Needs/Next Steps

- Conduct outreach to increase Federal, Regional, Tribal, and Local government involvement
- Identify stakeholder data requirements, available data sets, current GIS architecture and capabilities
- Review and finalize Data Inventory Spreadsheet
- Come to agreement on authoritative data sources and identify and/or establish data stewards
- Establish Hazards/Preparedness FIT data standards
- Work with data stewards to make needed data available for Pacific NW Pilot and ongoing use

Future Needs/Next Steps

- Listserve established:
  - http://listsmart.osl.state.or.us/mailman/listinfo/haz_and_prep_fit

Hazards Lead

Ian Madin, Chief Scientist
Oregon Department of Geology and Mineral Industries
971-673-1542
ian.madin@dogami.state.or.us

Preparedness Lead

Ken Murphy, Director
Oregon Military Department
Office of Emergency Management
(503) 378-2911, ext. 22225
kmurphy@oem.state.or.us

GIS Framework Data Coordinator

Milt Hill, Geospatial Enterprise Office
Phone: 503-378-3157
Email: milton.hill@state.or.us

Resources

- Oregon Geographic Information Council
  - http://www.oregon.gov/DAS/EISPD/GEO/ogic/OGIC.shtml
- Oregon Geospatial Enterprise Office
  - http://gis.oregon.gov/
- Oregon Geospatial Data Clearinghouse
  - http://gis.oregon.gov/DAS/EISPD/GEO/sdlibrary.shtml
- Oregon Framework Implementation Team
  - http://www.oregon.gov/DAS/EISPD/GEO/fit/FIT.shtml
- Oregon Spatial Data Library
  - http://spatialdata.oregonexplorer.info/

Resources

- Oregon Imagery Explorer – Statewide Ortho Imagery
  - http://www.oregonexplorer.info/imagery/
- One Road Pilot Data User Portal (Washington, Oregon, Idaho, etc.)
  - http://www.wsdot.wa.gov/Mapsdata/TransFramework/Default.htm
- ODOT TripCheck
  - http://www.tripcheck.com/
- ORMAP – Cadastral/Tax Lot Data
  - http://www.ormap.org/
- Oregon Hazards Explorer
  - http://www.oregonexplorer.info/hazards/

Resources

- Oregon Virtual USA – PNW Pilot Website
  - http://www.oregon.gov/DAS/EISPD/GEO/VirtualUSA.shtml
- Common Operating Picture Data Inventory Spreadsheet V1
  - http://www.oregon.gov/DAS/EISPD/GEO/docs/COP_data_inventory_sheet_v1.xls
- Hazards/Preparedness Framework Implementation Team
  - http://www.oregon.gov/DAS/EISPD/GEO/fit/hazards.shtml
  - Listserve: http://listsmart.osl.state.or.us/mailman/listinfo/haz_and_prep_fit

Contact Information

- Sean McSpaden, Deputy State Chief Information Officer
  - Phone: 503-378-5257
  - Cell: 503-798-1507
  - Email: Sean.L.McSpaden@state.or.us
- Cy Smith, State Geographic Information Officer
  - Phone: 503-378-6066
  - Email: cy.smith@state.or.us
- Milt Hill, GIS Framework Data Coordinator
  - Phone: 503-378-3157
  - Email: milton.hill@state.or.us

Lunch Break

Cost/Benefit/Timing to do Phase I of Pilot

Oregon Rep

D'Arcy Morgan & Chris McIntosh

Cost/Benefit/Timing to do Phase I of Pilot

- Community of Practice Tool
- Labor Resources
- Costs
- Time to Implement
- Considerations: data quality, security, infrastructure

Lessons Learned from the SE Regional Operations Platform Pilot (ROPP)

Chris McIntosh

Lessons Learned -- Part 1 *(Operations)*
Virtual USA – SE ROPP

ROPP Overview

- 6 States: Alabama, Florida, Louisiana, Mississippi, Texas, Virginia
- 1 Observer: Georgia, Tennessee
- Beginning State: 2 states had platforms (different technology bases)
- Currently: 6 states have platforms; Georgia building theirs.
- Governance Successes: Project Charter & Governance Compact
- Homeland Security Director and Emergency Manager Relationship
- Major Milestone – Phase I: November 4th Demonstration

Key Lessons

- Relationship building with jurisdictions (localities) within state is critical
- Making the case – maintain information = value added
- Reassure data providers of ownership
- Open collaboration
- Cultural shift harder than technical solution
- Better relationships & governance procedures with commercial partners

Questions? Chris McIntosh ***chris.mcintosh@touchstone.com***

Lessons Learned -- Part 2 *(Technical)*
Virtual USA – SE ROPP

ROPP Overview & Key Lessons

- From 2 to 7 platforms – state eagerness to acquire technology
- Varying levels of functionality – that's ok
- Collaborative Partnership
  - Technical development facilitated by federal partners
  - States set pace, etc.
- Preserve and respect data origination
  - Display, not store
- Technical solutions – available!
  - Open source (cost effective)
  - Attainable
  - Interim vs. Long Term Solutions
  - ROPP Webpage
  - "The It"

Questions? Chris McIntosh, chris.mcintosh@touchstone.com

Agreement to Next Steps

Ken Murphy and John Sneed

Pilot Phase I (Oct-Dec 2009)

- Introduce Virtual USA to Oregon stakeholders
- Identify Oregon stakeholder data requirements, available data sets, current GIS architecture and capabilities
- Identify three permanent representatives to the regional PNW Pilot steering committee
- Begin forming state level steering groups

Pilot Phase II (Jan-Mar 2010)

- Oregon partners provide confirmation of their operational and data requirements
- Fuse separate state requirements and confirm regional information requirements from participating states and federal partners
- Form steering groups and hold initial meetings

Pilot Phase III (Apr-Jun 2010)

- Build out a ‘proof of concept’
- Determine opportunities for funding, sustainment of long term effort beyond 30 Sep 2010.
- Begin developing legislative policy option / funding packages to encourage state level support, or..
- Confirm grant funding opportunities (multi-county, multi-jurisdictional, multi-state)

Pilot Phase IV (Jul-Sep 2010)

- Conduct a pilot demonstration involving Oregon, Washington, Alaska, Idaho and Montana plus federal partners
- Winter storm scenario
- Confirm Oregon partners' intent to support continuation of the PNW Pilot, and continued improvement of state and region information sharing /mapping capabilities

Regional Steering Committees and Working Groups

- Executive Steering Group: One senior executive from each state (currently MG Rees)
- Regional Steering Group: 2-3 per state (initially OEM Director, Deputy state CIO)
- Technical Working Group: 1 per state
- Operations Working Group: 1 per state

State Working Groups

- Operational (TBD)
- Technical (TBD)
- Opportunity to continue developing solutions within Oregon while participating in PNW Pilot
- Recommendation: leverage current Oregon Geospatial Information sharing process and structures
  - Hazards/Preparedness Framework Implementation Team
    - http://www.oregon.gov/DAS/EISPD/GEO/fit/hazards.shtml
  - Other workgroups as needed

How You Can Help

- Get Involved!
- Contact us to confirm your interest in participating in one or more workgroups
- Review and comment on the data inventory
- Identify resources you/your organization can contribute to the effort
- Voice your questions and concerns

Closing Remarks

Major General Rees