

Building the First GIS-Based Public Lands Inventory for Washington State



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Presentation

- Washington State Legislature – 2013 Budget Proviso 3174
- WA RCO – project and approach
- UW SEFS – Statewide Parcel Database
 - Public Lands Inventory Database
 - data collection
 - data integration
- GeoEngineers/Smartmine – web map application
- RCO Final Report to Legislature
- JLARC Preliminary Report to Legislature

Legislative Budget Proviso 3174

<http://leap.leg.wa.gov/leap/budget/lbns/1315Cap5035-S.SL.pdf>

1. Provide an updated, centralized inventory of lands in Washington owned by federal, state, and local governments, and by Native American tribes.
 - Public Lands Inventory database
 - GIS-based
 - Public access to web maps and data
 - Ownership
 - Federal, tribal, state, local
 - Land use
 - Specific focus on recreation, habitat/conservation, revenue generation
 - Funding of recent acquisitions
 - Sources, amounts
2. Develop recommendations for standardization of acquisition and disposal recordkeeping on a biennial basis, including identifying a preferred process for centralizing acquisition data.

Why RCO?

- RCO conducted past public lands inventories
 - 1999 inventory, references to 1983, 1971, 1970 inventories
 - 2005 recommendations
- RCO manages grants for state and local land acquisitions
- RCO chairs Habitat and Recreation Lands Coordination Group to coordinate state land acquisitions

Challenges

- Short time frame
 - Collect data, build database, and implement on-line public access in less than one year
- Tight budget
 - Only \$200,000 to implement
- Hard deadlines
 - Deliver data to Joint Legislative Audit Review Committee by July 1, 2014
 - JLARC analyze data by December 31, 2014

WA RCO Approach

- Use existing RCO relationships with partners
 - Parcel Working Group
 - State land management agencies – DFW, DNR, Parks
- Use existing Statewide Parcel Database
 - University of Washington, School of Environmental and Forest Sciences
 - Relationships with federal, tribal, state, and county data sources
 - Develop Public Lands Inventory database and integrate data from sources
- Share project funding with active partners
 - Add inventory attributes to their land management databases and complete ownership updates
- Announce and compete RFP for web map application development

Demo

<http://publiclandsinventory.wa.gov>

- Overview

Welcome, map, dashboard/bar graph, legend, geographic area (counties, legislative districts, WRIAs, congressional districts), more about this data

- Owner

- Land Use (state)

- Acquisitions

- RCO Grants

- Proposed Acquisitions

RCO Final Report

<http://www.rco.wa.gov/documents/plip/2014WashingtonPublicLandsInventory.pdf>

Findings

Land Ownership

Public Land Ownership

Recommendations

Knowledge Management Strategy

Agency System Improvements

Public Lands Inventory Automation & Ongoing System Support

Tribal Lands

Land Use Data

Recreation Data

County and Local Data

Acquisition Cost Data

JLARC Preliminary Report - Economic Impact of Public Natural Resource Lands

<http://leg.wa.gov/jlarc/reports/2015/PublicLandsEcon/p/default.htm>

Economic Study

- Jobs, Income, Population

Results

- Wide variation across counties in the amount of state and federal natural resource lands.
- Percentage of public lands does not negatively affect county economic growth (1% growth in public lands yields 0.28% increase in income and 0.15% increase in jobs).
- Specific sites may have impacts driven by how land is used.
- Economic impact analyses inform decisions, but may not identify external impacts or account for non-economic goals of public land acquisitions.

Questions ?

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More Information:

<http://www.rco.wa.gov>

Washington Recreation and
Conservation Office

<http://www.rco.wa.gov/documents/plip/2014WashingtonPublicLandsInventory.pdf>

RCO Final Report

<http://publiclandsinventory.wa.gov>

Web Map Application

<http://www.rco.wa.gov/data>

Data

<http://leg.wa.gov/jlarc/reports/2015/PublicLandsEcon/p/default.htm>

JLARC Preliminary Report