

Integrated Landscape Assessment Program



Applying a landscape-level approach to planning and management across all lands

Landscape-level Questions Addressed

Wildfire Risk

What are the conditions and trends of forest fuels under different management scenarios?

Wildlife Habitat

What are the conditions and trends of selected wildlife habitat under different management scenarios?

Community Benefits

Which watersheds have rural communities that could benefit from restoration treatments?

Restoration

Which watersheds should managers prioritize for restoration?

About ILAP

The Integrated Landscape Assessment Program (ILAP) produces consistent, integrated data and models to assess possible changes in vegetation, habitat, and economic conditions under different management scenarios over large landscapes. ILAP models and data are used by land managers, planners, and analysts from public agencies, private industries, tribes, NGOs, collaborative groups, and others working at landscape-levels. ILAP was initially funded by the American Reinvestment and Recovery Act in 2010.

ILAP offers a way to help people understand and visualize the long-term consequence of various management approaches across large landscapes. Projections of vegetation, habitat, fuel, and economic conditions from ILAP can help people to select the management actions that come closest to achieving landscape-level objectives, such as reductions in forest and rangelands burned, restored old forest conditions, or the long-term sustainability of existing mills or proposed biomass facilities. What started as a collaboration between the U.S. Department of Agriculture Forest Service, Institute for Natural Resources, Oregon State University College of Forestry, and the Washington Department of Natural Resources has grown substantially to include partnerships with and investments from many other federal, state, private, and academic institutions.

Services and Products

Data Development, Analysis, and Access

We develop, integrate, and improve access to comprehensive data, tools, methods, and expertise to support natural resource decision making, research, and education. Initially developed for Oregon, Washington, Arizona and New Mexico, they can be developed for all western states.

Core ILAP services include:

- Natural resource dataset compilation and integration
- Vegetation and landscape modeling
- Climate modeling
- Resource mapping
- Resource assessments and analyses
- Data access and mapping tool development



For more information about ILAP services or products, please contact:

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ILAP PRODUCTS

- ✓ 4 statewide assessments
- ✓ 200+ vegetation models
- ✓ 50+ statewide spatial datasets
- ✓ 10+ management scenarios evaluated
- ✓ 3 climate scenarios evaluated
- ✓ 10+ landscape-level analyses for specific clients
- ✓ Western Landscapes Map Viewer
http://tools.westernlandscapesexplorer.info/wle_map_viewer/
- ✓ General Technical Reports & journal articles

<http://inr.oregonstate.edu/ilap>

Noteworthy

ILAP Achievements

Highlights of our achievements from the last six years demonstrate our ability to put critical information in the hands of natural resource decision makers, managers, and citizens. The majority of our work – including the development and continual refinement of ILAP services and products – is funded by grants and contracts.

- Informing National Forest Plan Revisions in 5 National Forests
- Supporting Collaborative Forest Landscape Restoration Projects (CFLRP) in Washington and Oregon
- Supporting Oregon Forest Health Restoration Economic Assessments in partnership with Mason, Bruce and Girard
- Informing the Governor's O&C Task Force in Oregon
- Analyzing future climate, land management and wildlife habitats in Coastal Washington and Southern Oregon
- Maintaining the Western Landscapes site -- www.westernlandscapesexplorer.info -- to promote access to ILAP data & models, and other landscape initiatives