

# Sound science and community programs are working for wildlife

*...creating sustainable crossroads of human-wildlife interaction*



**T**he Western Region is home to more than 370 animal species considered federally threatened and endangered. Nationally, taxpayers contribute over \$1 billion every year to conservation efforts. But farmers, ranchers and small businesses are often hampered by regulatory red tape when their activities cross paths with a federally listed animal. Western Region Land-Grant Universities are responding to the needs of both wildlife and communities with innovative research projects and Extension programs aimed at the human-wildlife crossroads.

## Increased funding to Western Land-Grant Universities is needed to ensure sound science for decision-makers.

Comprehensive research and Extension programs:

- Provide state and federal wildlife managers with answers to critical questions about the ecology, distribution and population dynamics of wildlife
- Develop comprehensive models that accurately predict the impact of various management scenarios on communities, farms, ranches and wildlife populations
- Train the next generation of scientists with on-the-ground experience solving real-world problems



## With adequate funding the Western Land-Grant Universities are uniquely positioned to:

- Demonstrate the socio-economic impacts of management options so that leaders are empowered to make smart choices that balance the needs of communities and wildlife
- Create mitigation programs that benefit wildlife and landowners
- Partner with state and federal agencies and NGOs to address wildlife conservation and management in a collaborative way

**The Western Perspective**  
*of the Land-Grant Universities*

**WAAESD**  
Western Association of Agricultural  
Experiment Station Directors  
<http://www.waesd.org>

**WEDA**  
Western Extension  
Directors Association  
<http://extension.oregonstate.edu/weda>

# The Western Perspective & The Western Agenda

## What is the Western Perspective & Agenda?

The Western U.S. is facing unprecedented challenges maintaining sustainable urban communities and agricultural and natural resource economies. The Western Perspective & Western Agenda serves to inform policy responses and actions and demonstrates how Land-Grant Universities, Agricultural Experiment Stations, and Cooperative Extension support all Western Region communities sustained by agricultural and natural resources economies.

## What are the unique challenges and characteristics of the West?

Every state in the Western Region has densely populated urban areas juxtaposed with large expanses of sparsely populated rural areas. This creates pressure on natural resource and agriculture industries while increasing population brings new demands on local and regional economies—largely dependent on watersheds, ecosystems, infrastructure and federal lands.

The public owns 47% of the land in the West. The majority of Western Region agriculture depends on public lands for livestock and forestry production, and on strong partnerships with federal organizations to sustain the health of ecosystems, agriculture and communities.

Fire, water, climate change, population growth, and invasive pests and diseases are the primary threats to agriculture and communities in the Western Region.

## Synergy Between Units

Land-Grant Universities, the Cooperative Extension Service, and Agricultural Experiment Stations have a federal and state obligation to conduct research and outreach, and lead educational programs that address the greatest agricultural and natural challenges of their home state and region.

The collaborative nature between these entities in the Western Region ensure the programs, people and places of the Western Region are able to sustain and thrive with respect to their individual state needs and united regional challenges.

This collaboration is unique and powerful! No other institutions have the scope, resources or capacity to anticipate and respond to the current and future challenges facing the Western Region. The interaction between each entity produces timely information and research from experts at each institution. The depth and breadth of these programs reaches everyone, from the most vulnerable to the most prosperous.

## Agenda Priorities

- Sustainable Production Systems: Food Production, Food Safety, Food Security, Forestry and Horticulture
- Natural Resources: Water, Wildlife, Wildfire, Invasive Species, Ecosystem Services and Economic Opportunities
- Energy
- Community and Economic Development
- Youth Development: Agriculture, Nutrition and Natural Resources Science Literacy
- Nutrition and Health: Innovation in Foods for Health

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