

America's Wildlife Values

The Social Context of Wildlife Management in the U.S.

Allen C. Molina, PhD

Senior Economist

Oregon Department of Fish and Wildlife

Primary Investigators

- Lead Investigators
 - Michael Manfredo – Colorado State University
 - Tara Teel - Colorado State University
 - Alia Dietsch - The Ohio State University
- Co-Investigators
 - Jeremy Bruskotter – The Ohio State University
 - Mark Duda – Responsive Management
 - Andrew Don Carlos - Colorado State University
 - Leeann Sullivan - Colorado State University



Survey Overview

2018 Public survey: Looked at Wildlife Value Orientations (WVOs) across all 50 states.

2018 Agency survey – Examined Fish and Wildlife agency culture, attitudes, and WVOs of 28 states.

2004 Public survey – Looked at WVOs across 19 western states.



2018 Surveys: How do the WVOs of ODFW employees differ from Oregonians at large.

2004-2018 Public Survey: How have the WVOs of Oregon residents changed over time.

Survey Questions

- Domination Scale:

- Wildlife is subordinate and should be used to benefit humans.
- Wildlife should be killed if they threaten lives or property.
- Populations of wildlife should support fishing and hunting.

- Mutualism Scale:

- Embraces wildlife as part of a person's extended social network.
- See animals as family or companions and deserving of caring and rights, like humans.
- Human and wildlife living side by side without fear.

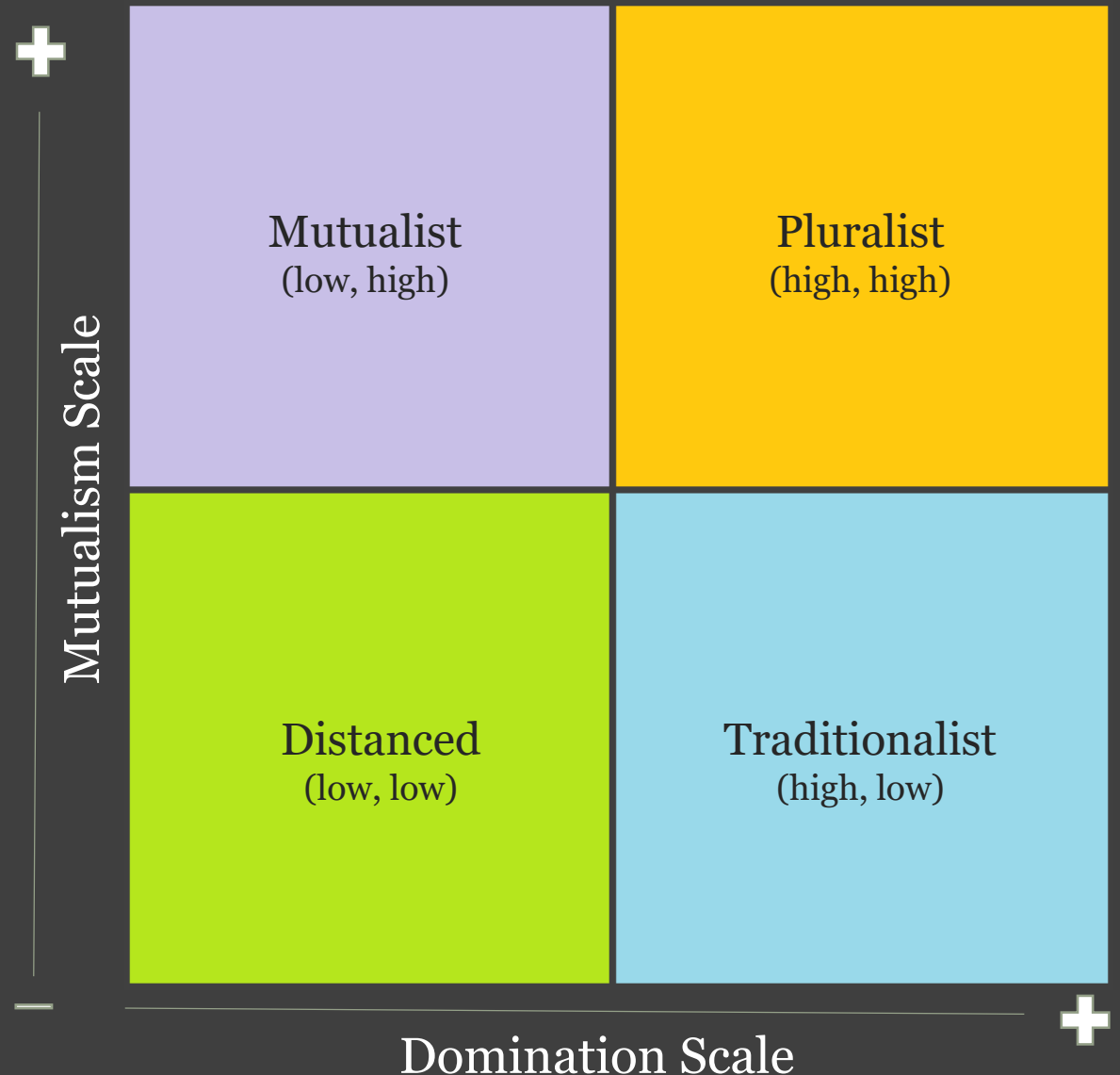
Wildlife Value Orientations

Traditionalist – Someone who scored high on the domination scale and low on the mutualism scale.

Mutualist - Someone who scored low on the domination scale and high on the mutualism scale.

Distanced - Someone who scored low on both the domination scale and the mutualism scale

Pluralist – Someone who scored high on both the domination scale and the mutualism scale



Wildlife Value Orientations – Oregon changes from 2004

	Traditionalist	Mutualist	Pluralist	Distanced
Oregon 2004	33%	34%	22%	12%



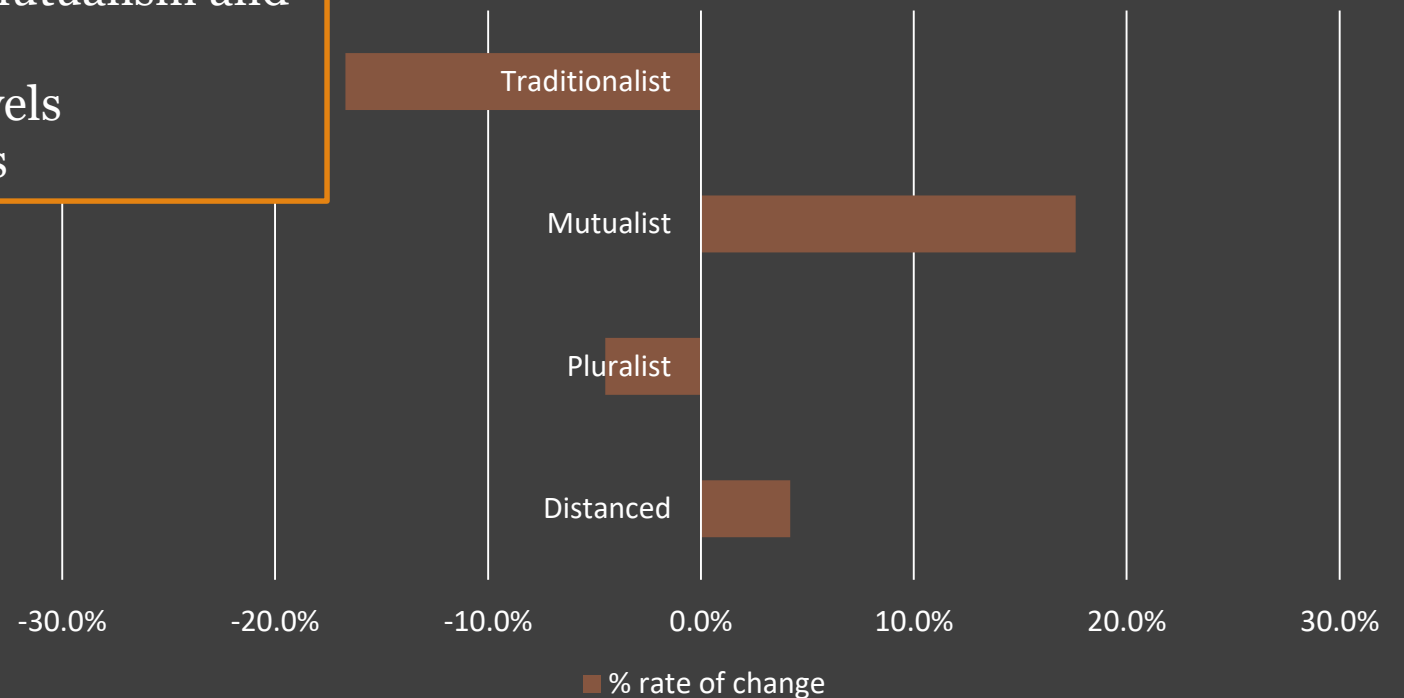
Wildlife Value Orientations – Oregon changes from 2004

	Traditionalist	Mutualist	Pluralist	Distanced
Oregon 2004	33%	34%	22%	12%
Oregon 2018	27.5%	40%	21%	12.5%
% rate of change	-16.7%	+17.6%	-4.5%	+4.2%

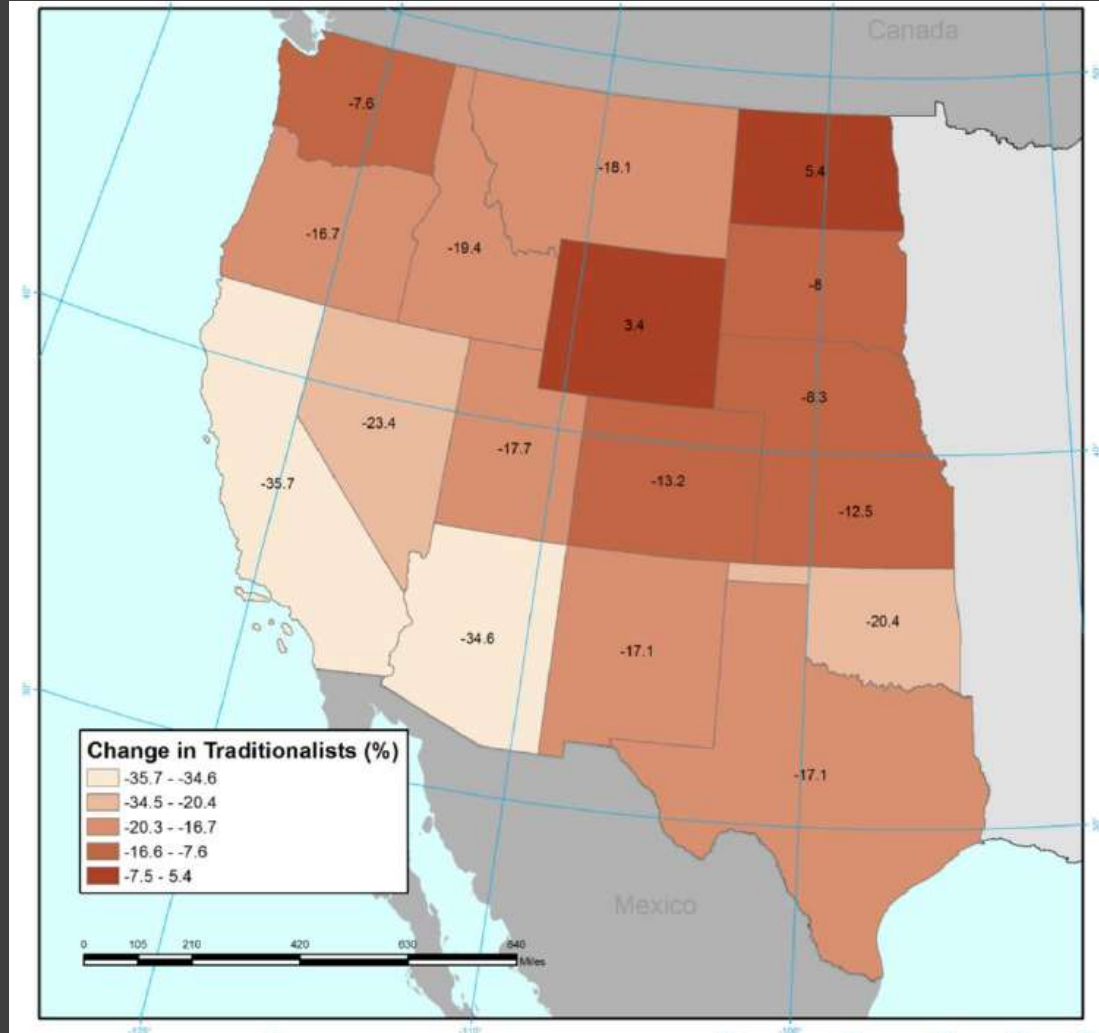
Potential reasons for shift:
Found correlations with mutualism and

- increased urbanization
- increased education levels
- increased income levels

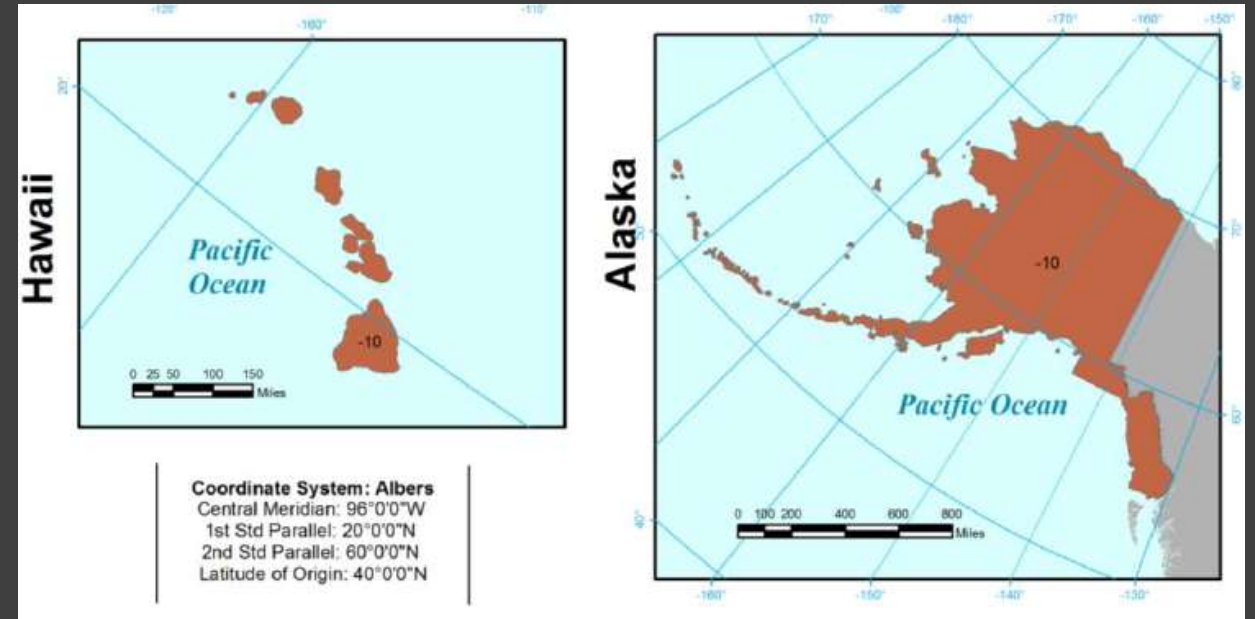
Oregon Rate of Change



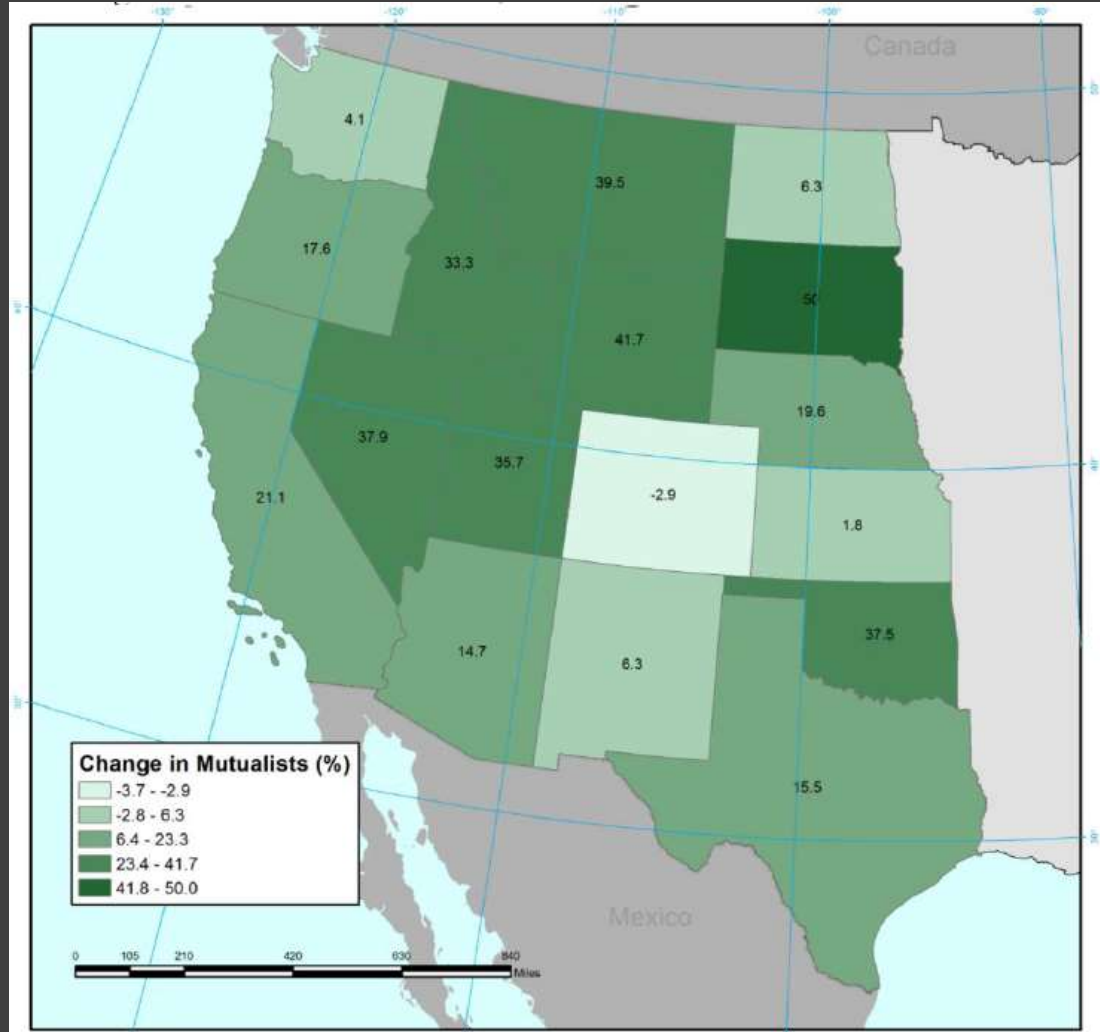
Oregon and the West – 2004 to 2018



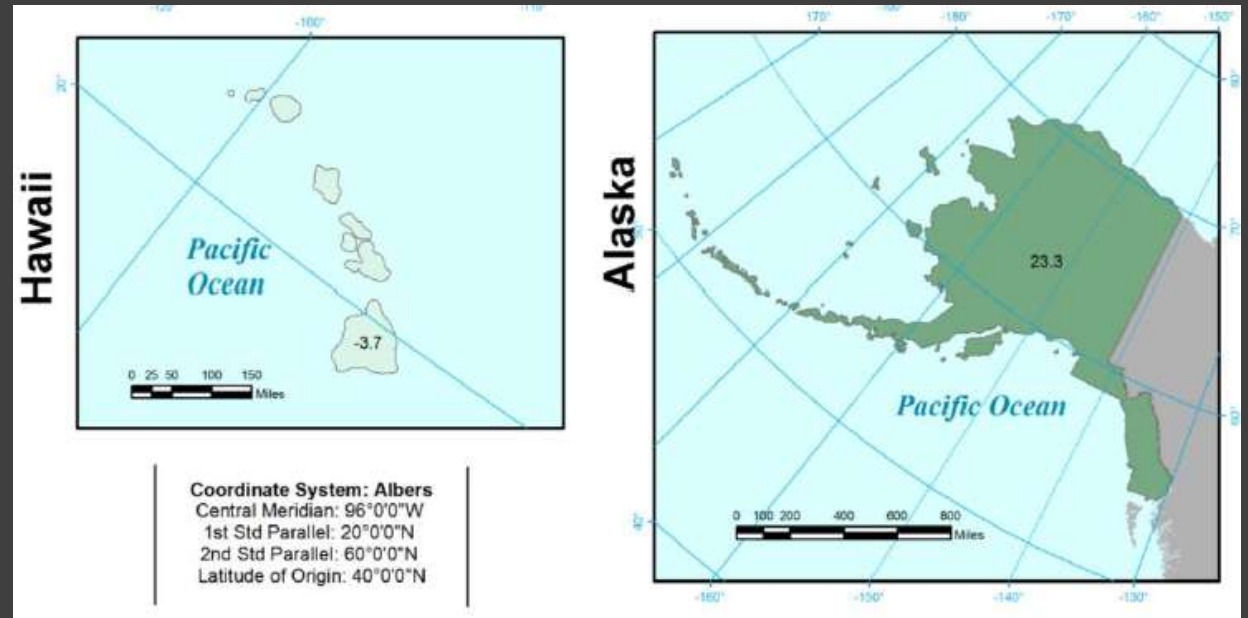
- All but two of the 19 states had a negative rate of changes to traditionalist WVOs
 - Wyoming and North Dakota had small increases



Oregon and the West – 2004 to 2018



- All but two of the 19 states had a positive rate of changes in mutualist WVOs
 - Colorado and Hawaii had small decreases



Wildlife Value Orientations – Oregon and the public

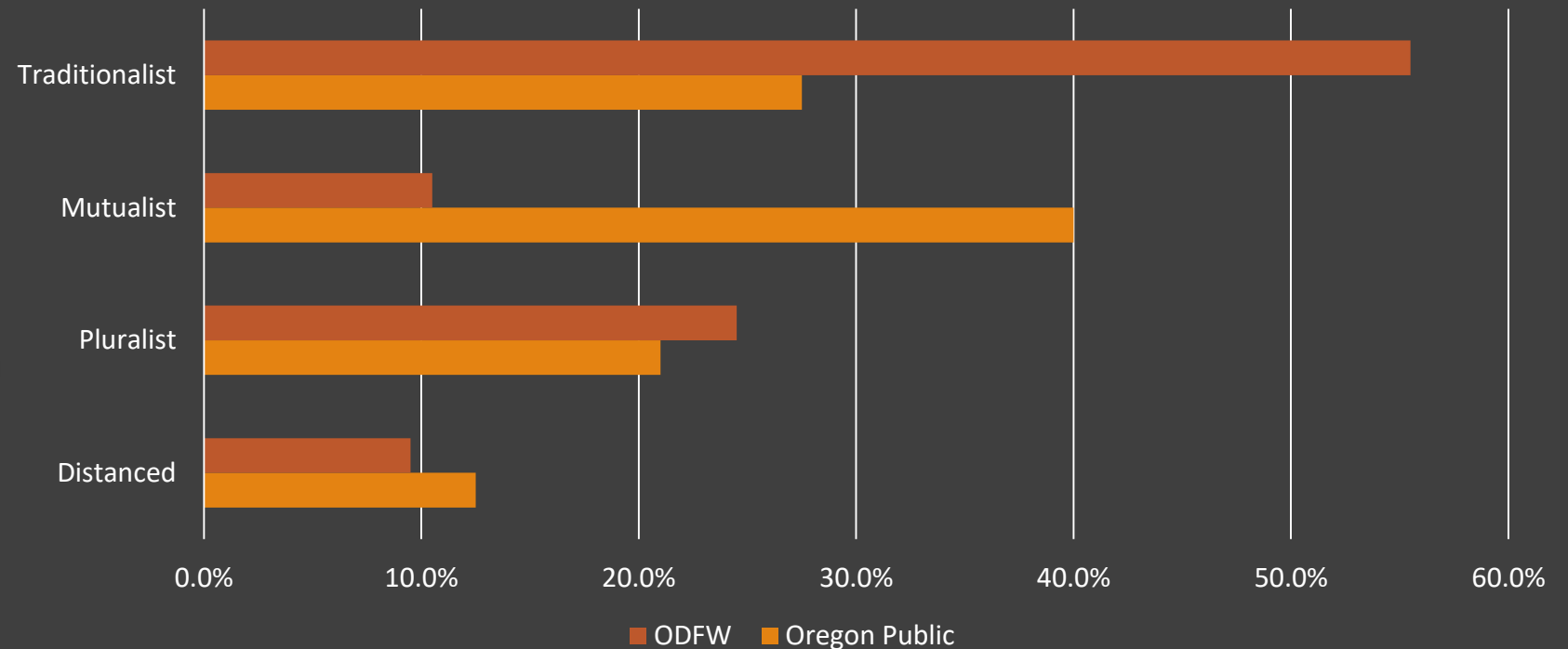
	Traditionalist	Mutualist	Pluralist	Distanced
2018 Oregon Public	27.5%	40%	21%	12.5%



Wildlife Value Orientations – Oregon and the public

	Traditionalist	Mutualist	Pluralist	Distanced
2018 Oregon Public	27.5%	40%	21%	12.5%
2018 ODFW	55.5%	10.5%	24.5%	9.5%
Difference	+28	-29.5	+3.5	-3

Agency vs Public



Wildlife Value Orientations – Oregon and the public

At what level do you believe your agency...	Non-participation	Education	Consultation	Representation	Partnership	Delegation	Complete Control
currently includes the <i>general public</i>	1.8%	11%	33.3%	35.3%	13%	4.4%	1.2%
should include the <i>general public</i>	0.4%	3.9%	25.8%	44.6%	19.3%	4.3%	1.6%



Wildlife Value Orientations – Oregon and the public

At what level do you believe your agency...	Non-participation	Education	Consultation	Representation	Partnership	Delegation	Complete Control
currently includes the <i>general public</i>	1.8%	11%	33.3%	35.3%	13%	4.4%	1.2%
should include the <i>general public</i>	0.4%	3.9%	25.8%	44.6%	19.3%	4.3%	1.6%
currently includes <i>paying stakeholders</i>	2.2%	5.6%	16.4%	35.9%	26.7%	11.2%	2%
should include <i>paying stakeholders</i>	4.2%	4.4%	22.4%	42.4%	20.4%	4.4%	1.8%



Wildlife Value Orientations – Oregon and the public

At what level do you believe your agency...	Non-participation	Education	Consultation	Representation	Partnership	Delegation	Complete Control
currently includes the <i>general public</i>	1.8%	11%	33.3%	35.3%	13%	4.4%	1.2%
should include the <i>general public</i>	0.4%	3.9%	25.8%	44.6%	19.3%	4.3%	1.6%
currently includes <i>paying stakeholders</i>	2.2%	5.6%	16.4%	35.9%	26.7%	11.2%	2%
should include <i>paying stakeholders</i>	4.2%	4.4%	22.4%	42.4%	20.4%	4.4%	1.8%

	Public Trust Amongst Traditionalists	Public Trust Amongst Mutualists	Difference
Oregon	60.0%	62.7%	-2.7%
Max	81.7% (Maine)	71.1%(Vermont)	26.7% (Indiana)



Further Information

<http://www.wildlifevalues.org/>

State and National Reports
Available

Other topics include:

- Lethal control of wildlife
- Funding preferences
- Future participation in hunting and fishing
- Environmental protections and private property rights by WVO
- Race/Ethnicity breakouts



Allen C. Molina, PhD
Senior Economist
allen.c.molina@state.or.us