

A satellite image of Earth showing the Western Hemisphere, with North and Central America prominently displayed. The image shows the continent of North America, including the United States and Mexico, surrounded by the Atlantic Ocean to the east and the Pacific Ocean to the west. The Earth's surface is covered in a mix of green (vegetation), brown (land), and blue (oceans), with white clouds scattered across the scene.

Director's Report - Adapting to Climate and Ocean Change

Davia Palmeri, Conservation Policy Coordinator

EXECUTIVE ORDER 20-04 (MARCH 2020)

Directing State Agencies to Take Actions to Reduce and Regulate Greenhouse Gas Emissions

Calls for the State of Oregon to reduce its GHG emissions:

- (1) at least 45 percent below 1990 emissions levels by 2035; and
- (2) at least 80 percent below 1990 levels by 2050.

Office of the Governor
State of Oregon



EXECUTIVE ORDER NO. 20-04

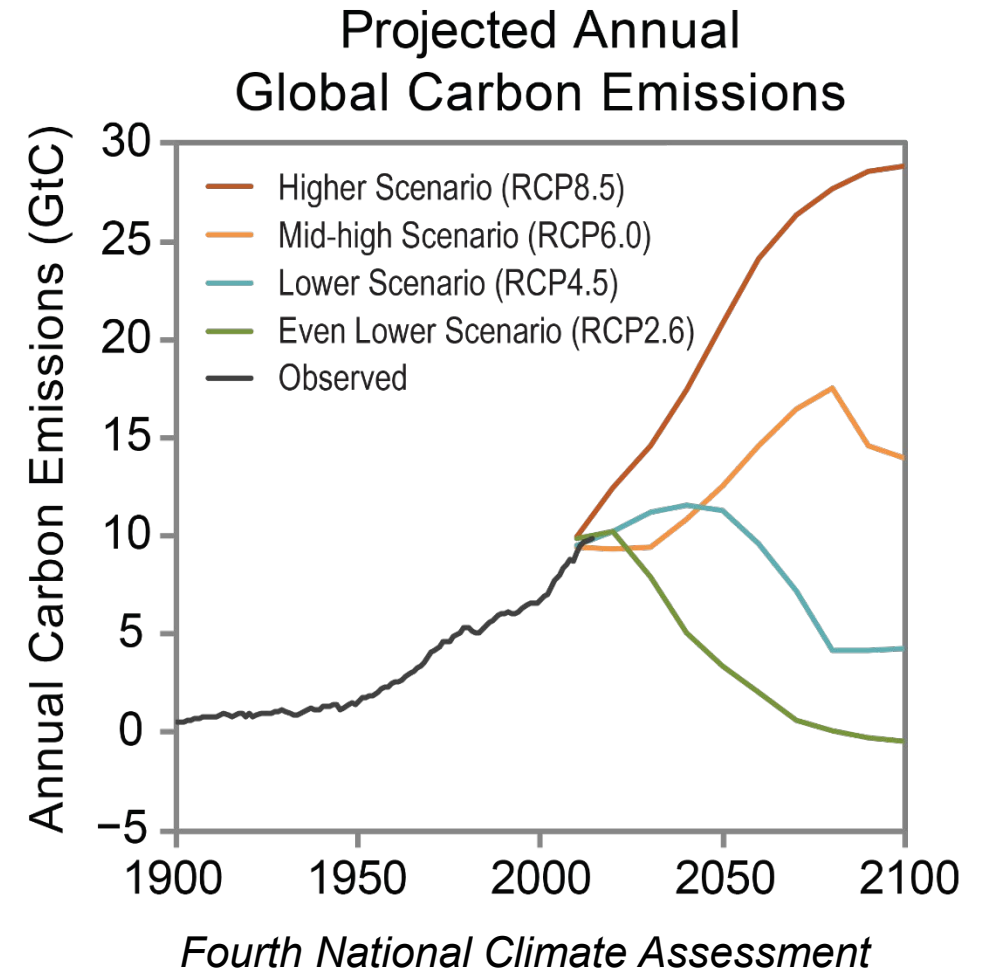
DIRECTING STATE AGENCIES TO TAKE ACTIONS TO REDUCE AND REGULATE GREENHOUSE GAS EMISSIONS

WHEREAS, climate change and ocean acidification caused by greenhouse gas (GHG) emissions are having significant detrimental effects on public health and on Oregon's economic vitality, natural resources, and environment; and

WHEREAS, climate change has a disproportionate effect on the physical, mental, financial, and cultural wellbeing of impacted communities, such as Native American tribes, communities of color, rural communities, coastal communities, lower-income households, and other communities traditionally underrepresented in public processes, who typically have fewer resources for adapting to climate change and are therefore the most vulnerable to displacement, adverse health effects, job loss, property damage, and other effects of climate change; and

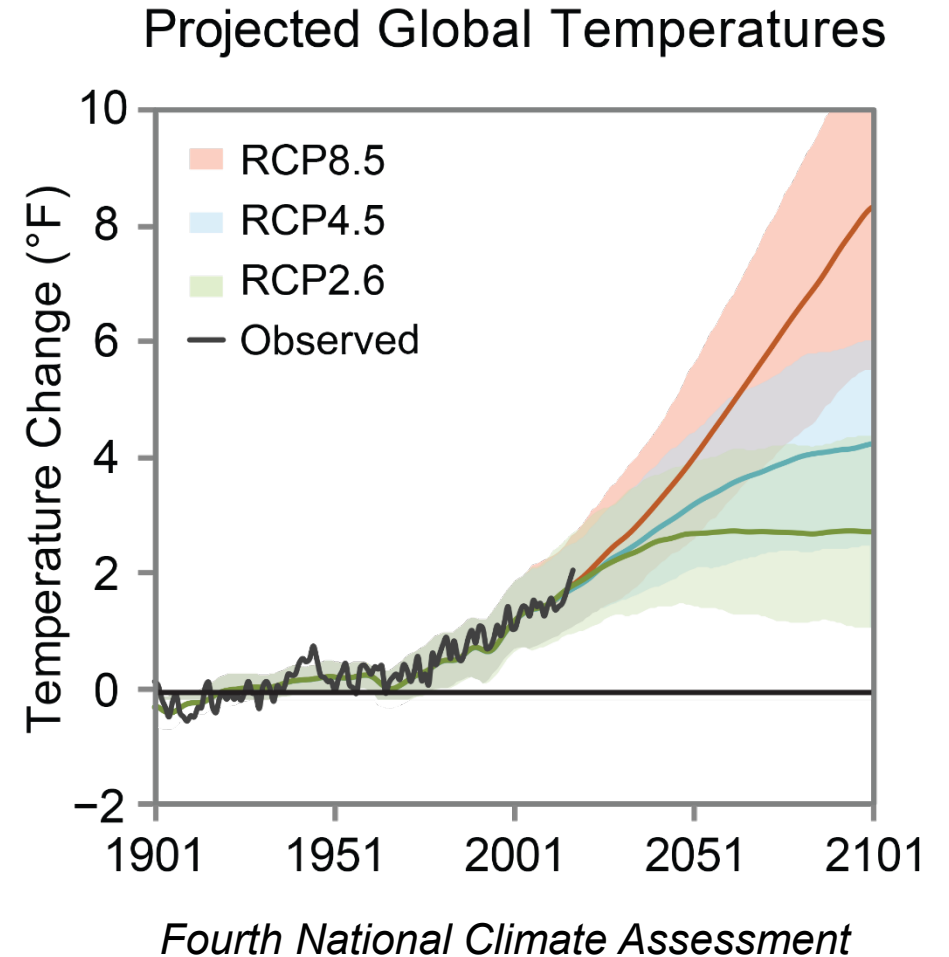
E.O. 20-04 GENERAL DIRECTIVES

1. Agencies shall exercise any and all authority and discretion...to help facilitate Oregon's achievement of the GHG Emissions Reduction Goals
2. Prioritize and expedite any processes and procedures...that could accelerate reductions in GHG emissions.



E.O. 20-04 GENERAL DIRECTIVES

3. ...Agencies shall consider and integrate climate change, climate change impacts, and the state's GHG emissions reduction goals into their planning, budgets, investments, and policy making decisions.
4. Agencies will participate in Interagency Workgroup on Climate Impacts to Impacted Communities

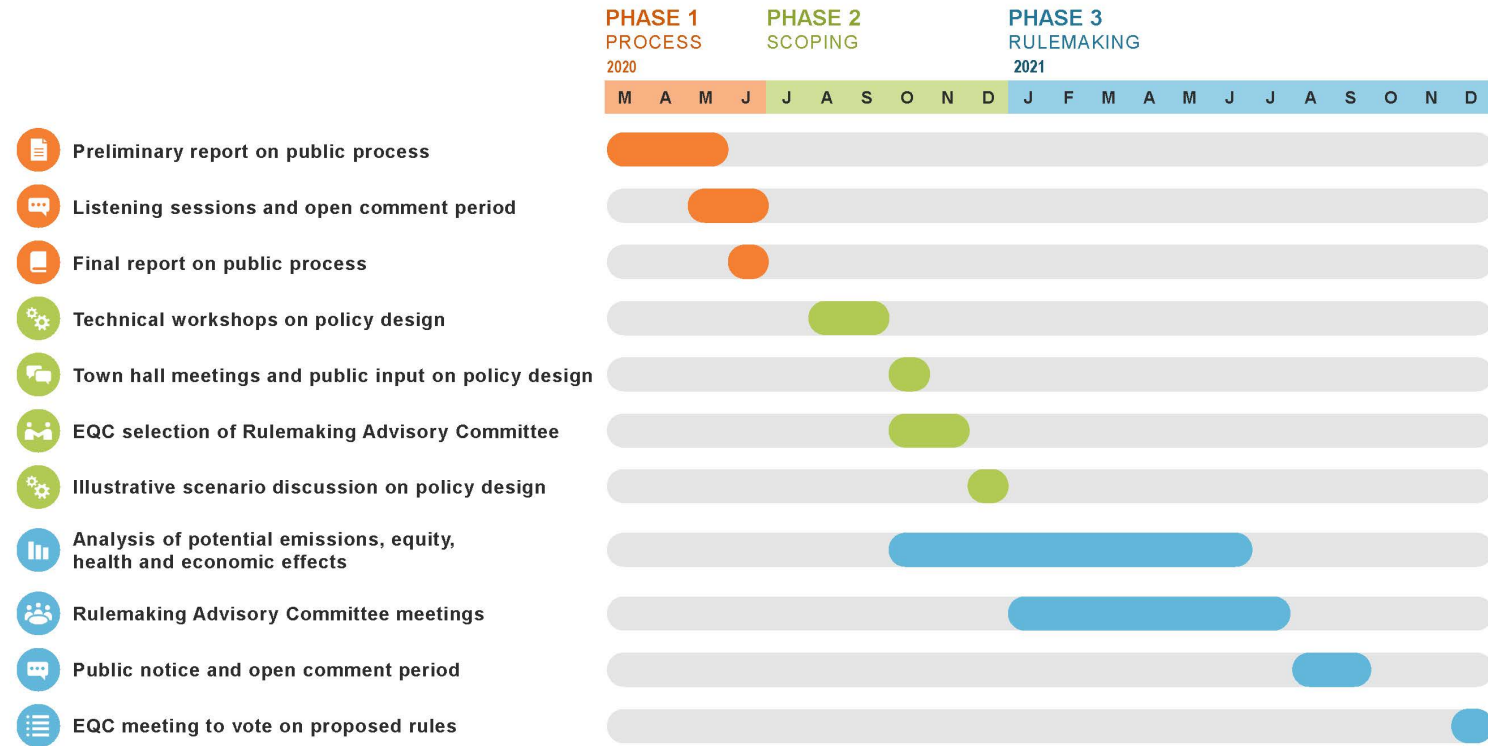


E.O. 20-04 SPECIFIC DIRECTIVES

Calls for specific actions from:

- Environmental Quality Commission/
Dept. of Environmental Quality
- Public Utility Commission
- Consumer and Business Services
- Oregon Department of Energy
- Oregon Department of Transportation
- Land Conservation & Development
Commission
- Oregon Health Authority
- Oregon Global Warming Commission

Development Timeline for Climate Protection Program



<https://www.oregon.gov/deq/ghgp/Pages/capandreduce.aspx>

E.O. 20-04 NATURAL RESOURCES UPDATES

OWEB

Climate Committee

ODF

Carbon and Climate Change Plan

GWC

State goals for carbon sequestration and storage by Oregon's natural and working landscapes



ODFW'S COMMITMENTS & REPORTING

- Adopt ODFW Climate and Ocean Change Policy (July 2020)
- State-wide Climate Adaptation Framework (Feb 2021)
- Leadership on Ocean Acidification & Hypoxia
OAH Council Report (Sept 2020), OAH Agencies Report (Feb 2021)
- Carbon Footprint Assessment (expected Aug 2021)
- Leadership on science (ongoing)

THE POLICY

PURPOSE

KEY EXPECTATIONS

GOALS

IMPLEMENTATION

STATEWIDE COORDINATION

KEY PRINCIPLES



POLICY SIDEBOARDS

- INTEGRATION WITH EXISTING POLICY/PROCEDURES
- DEALING WITH UNCERTAINTY
- ODFW'S AUTHORITY
- LONG TERM POLICY RELEVANCE (*Staying out of the weeds*)



HIGH LEVEL, PRINCIPLE BASED POLICY

IMPLEMENTATION

1. Coordinate a long term state-wide response
2. Incorporate Key Principles in Department science
3. Incorporate Key Principles in new or revised plans or policies
4. Apply Key Principles in consulting, regulatory, or advisory roles
5. Carbon reduction plan
6. Communications strategy



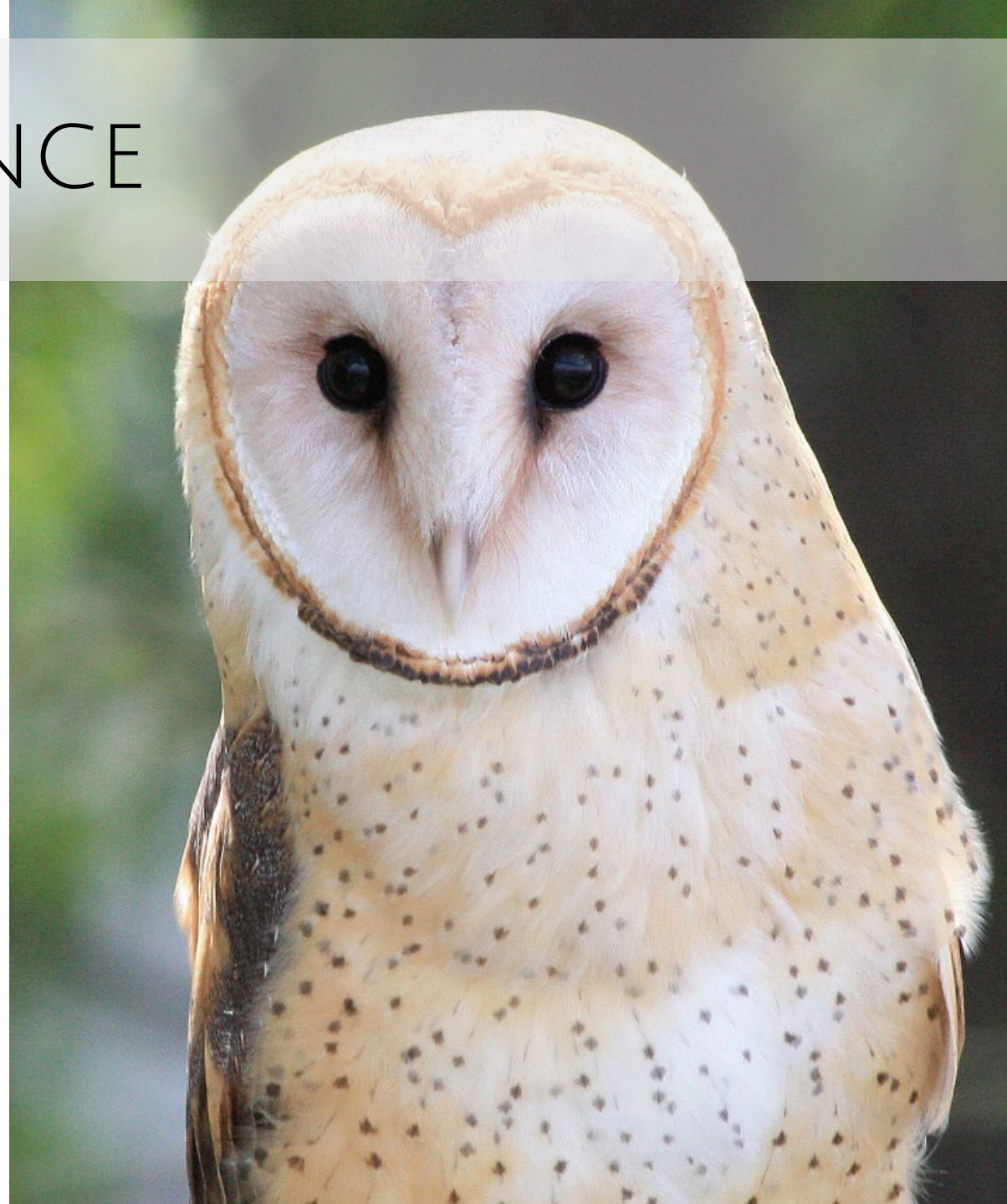
KEY PRINCIPLES: COORDINATION

1. Collaborate widely
2. Collaborate with diverse organizations



KEY PRINCIPLES: SCIENCE

1. Track the changes
2. Look forward
3. Reduce critical uncertainties
4. Communicate clearly about uncertainty
5. Modify research and monitoring during periods of adverse environmental conditions



KEY PRINCIPLES: SPECIES & HABITAT

1. Conservation is foundational
2. Consider future conditions
3. Address range shifts
4. Adopt strategies robust to uncertainty
5. Maximize conservation outcomes when resources are limited
6. Adapt management to current conditions
7. Protect and enhance the most important habitat

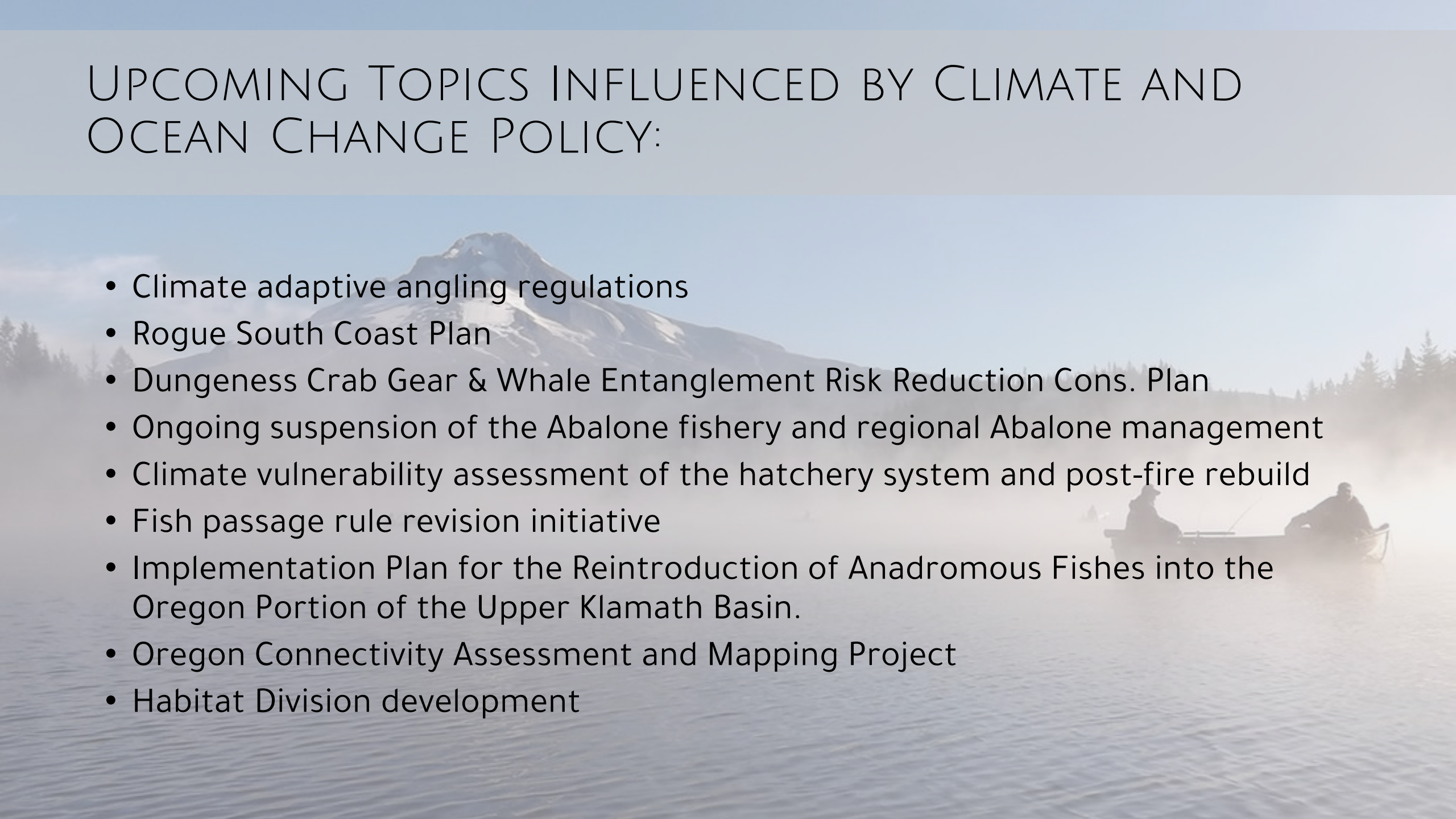


KEY PRINCIPLES: OPERATIONS

1. Enhance infrastructure preparedness
2. Avoid exacerbating the impacts of climate and ocean change
3. Reduce the Department's carbon footprint



UPCOMING TOPICS INFLUENCED BY CLIMATE AND OCEAN CHANGE POLICY:

- Climate adaptive angling regulations
 - Rogue South Coast Plan
 - Dungeness Crab Gear & Whale Entanglement Risk Reduction Cons. Plan
 - Ongoing suspension of the Abalone fishery and regional Abalone management
 - Climate vulnerability assessment of the hatchery system and post-fire rebuild
 - Fish passage rule revision initiative
 - Implementation Plan for the Reintroduction of Anadromous Fishes into the Oregon Portion of the Upper Klamath Basin.
 - Oregon Connectivity Assessment and Mapping Project
 - Habitat Division development
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- A scenic background image of a lake with a snow-capped mountain in the distance and two people in a boat on the water.