



# **Proposed Goal for Natural and Working Lands Sequestration and Storage**

**Senate Interim Committee on Natural Resources and Wildfire  
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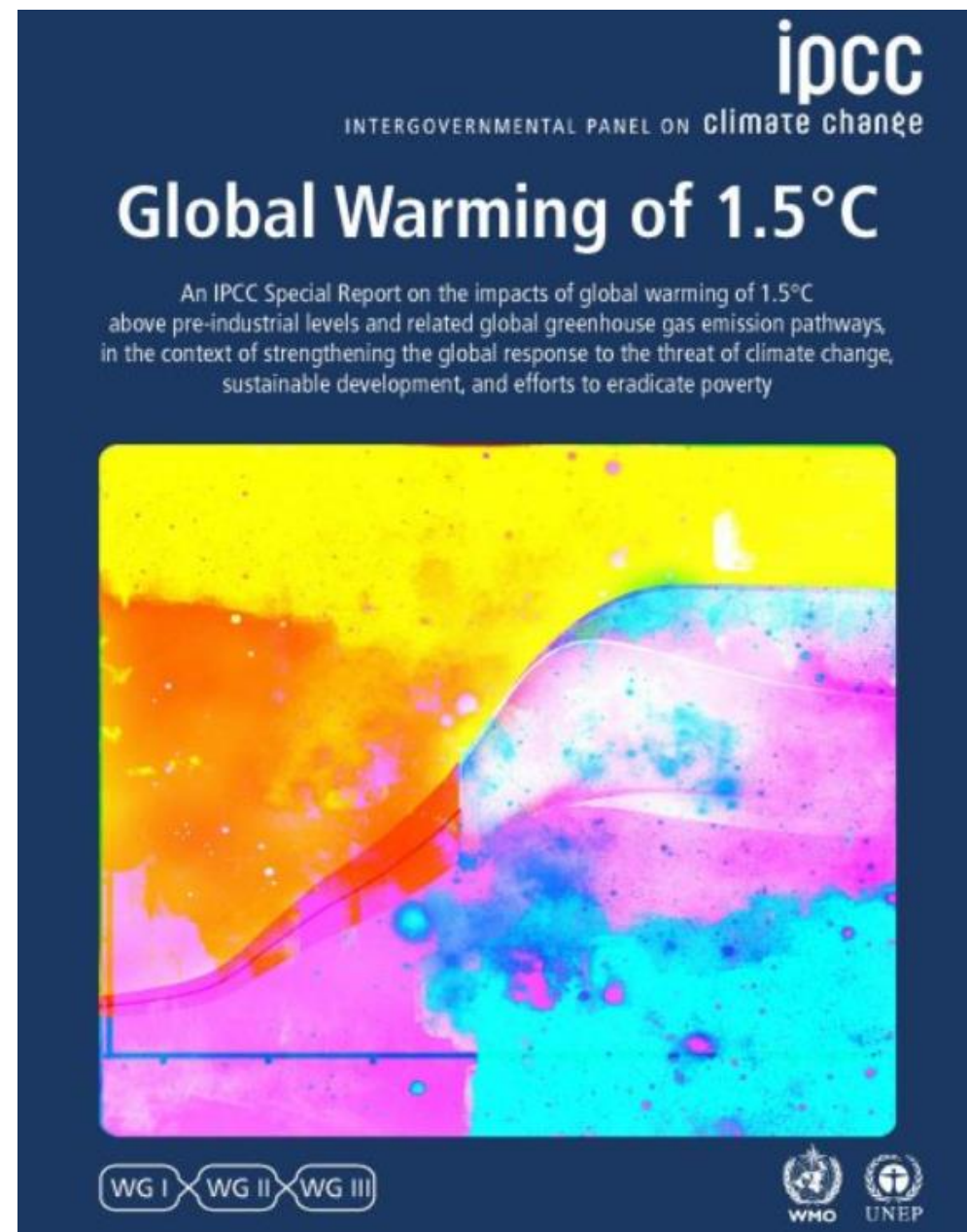


# Overview

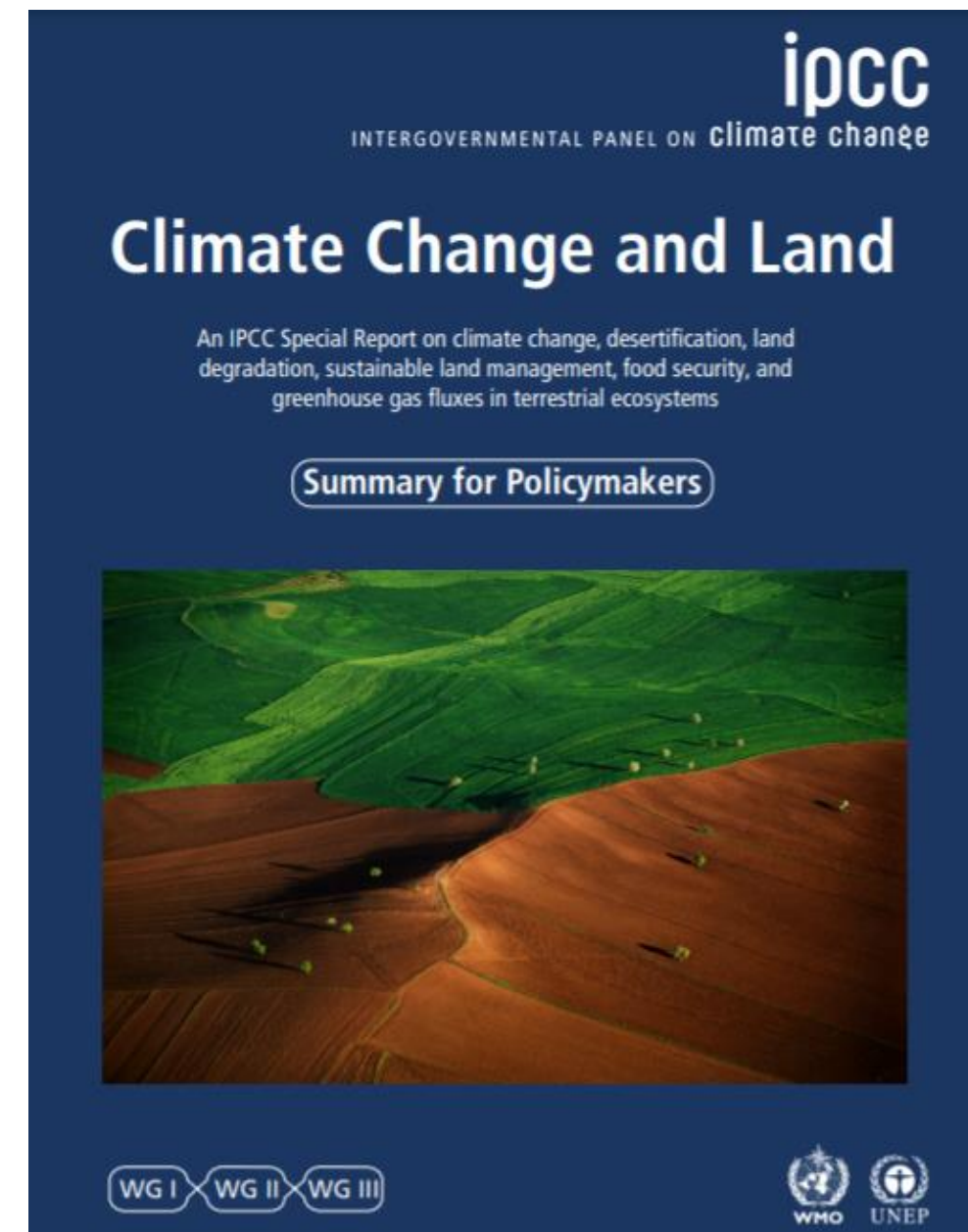
- Motivation
- Engagement process
- Key elements of the Proposal
- 2022 legislative priorities
- Legislative Concept 240



# International Panel on Climate Change



[IPCC Global Warming of 1.5 ° C Link](#)



[IPCC Climate Change and Land Link](#)



# Governor Brown's Executive Order 20-04

Directive to the Oregon Global Warming Commission:

*In coordination with ODA, ODF and OWEB, the OGWC is directed to submit a **proposal to the Governor for consideration of adoption of state goals for carbon sequestration and storage by Oregon's natural and working landscapes, including forests, wetlands and agricultural lands, based on best available science. The proposal shall be submitted no later than June 30, 2021.***



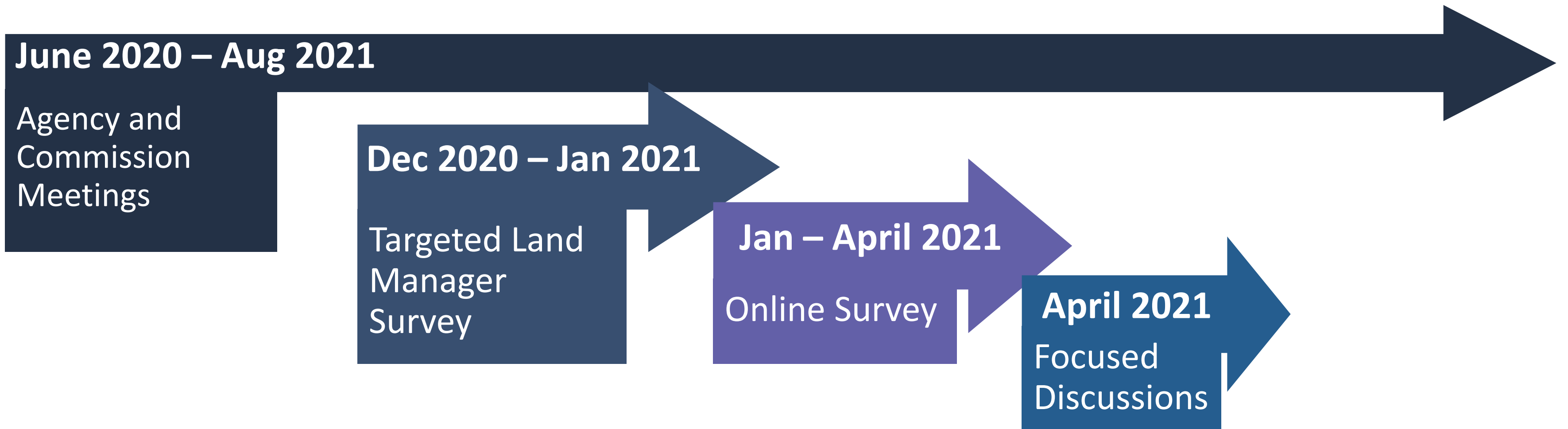
# Hearing from Oregonians

- Tribes
- Agricultural Landowners/Land Managers
- Forest Landowners/Land Managers
- Federal and State Agencies
- Technical Assistance Providers
- Agriculture/Forest Landowner Interest Groups
- Conservation or Environmental Organizations
- Environmental Justice
- General public





# Natural and Working Lands Outreach





# Vision

*Oregon's natural and working lands are managed to be **the most resilient and robust climate sink we can achieve** in keeping with the scale and urgency of the climate crisis, while maintaining the health of our economy and communities, and enhancing equity and quality of life for all Oregonians.*





# Input on Goals and Metrics

- Address the urgency of climate action
- Add to existing goals
- Be informed by science
- Advance equity
- Create accountability
- Ensure continuous improvement





# Proposed Goals & Metrics

## Outcome-Based Goal

Sequester at least an **additional 5MMTCO<sub>2</sub>e per year in Oregon's natural and working lands and waters by 2030**, and at least **9.5MMTCO<sub>2</sub>e per year by 2050** relative to a 2010 to 2019 activity-based, business-as-usual net carbon sequestration baseline. The OGWC recommends that the natural and working lands outcome-based goal should be separate from, and in addition to, Oregon's sector-based emissions reduction goals as established by the Legislature and updated in Governor Brown's EO 20-04.



# Proposed Goals & Metrics

## Activity-Based Metrics and Goals

Activity-based metrics (e.g., acres of adopted soil health practices, riparian reforestation, and urban forest canopy expansion) will help the state evaluate progress in implementing natural and working lands practices. Activity-based goals for programs designed to incentivize climate-smart management practices will help communities, technical assistance providers, and land managers anticipate the opportunity to adopt new practices.

## Community Impact Metrics

Input emphasized the need to prioritize environmental justice considerations throughout carbon sequestration programs. Community impact metrics and goals should be designed to evaluate the benefits and burdens associated with different strategies, practices, and programs including effects on jobs, local economies, public health, and access to programs, among other factors.



# Input on Strategies

- Equitable and collaborative processes
- Informed by science including Traditional Ecological Knowledge
- Streamline policies and programs
- Create a continuous improvement process
- Expand technical assistance and education capacity
- Evaluate and eliminate disincentives
- Recognize and reward good practices
- Cover transition costs for adoption of new practices
- Align strategies with other state, federal, and tribal needs and goals
- Focus on incentives with judicious/strategic improvements in regulations





# Strategies for Natural & Working Lands

1. Leverage federal lands and investments in practices.
2. Create a sustained source of state funding to increase sequestration and storage.
3. Fund and direct agencies to advance strategies.
4. Invest in improvements to the natural and working lands inventory & research.







## Strategy 3: Funding for Agencies

- Enhance and maintain Oregon's statewide land use planning program
- Establish a comprehensive program to assist landowners adopt practices that improve soil health and protect agricultural lands including funding for the Oregon Agricultural Heritage Program (OAHP)
- Support the implementation of six forest management recommendations
- Increase protection and restoration of carbon-rich tidally influenced coastal ecosystems
- Fund a workforce and economic development study



# Recommendations 2022 Session

1. Develop N&WLW Activity and Community Impact Metrics
2. Give agencies the authority to accept federal funds that can advance N&WLW strategies
3. Fund agency/OGWC capacity to improve the inventory, establish Activity and Community Impact metrics, track progress toward goals & implement the N&WL recommendations
4. Fund an analysis of the workforce needs and economic benefits of implementing the N&WL recommendations
5. Fund a strategic plan for expanding Oregon's reforestation infrastructure
6. Codify the Forest Accord recommended changes to the Forest Practices Act



# LC 240: Natural & Working Lands & Waters

1. Defines natural and working lands and waters (N&WLW) in Oregon statute.
2. Declares that it is the policy of the state to advance N&WLW strategies.
3. Directs the OGWC to create a Natural and Working Lands Advisory Group.
4. Directs the Institute for Natural Resources at OSU to support the Commission in the:  
(a) development of metrics; (b) N&WLW Inventory; and (c) completion of a N&WLW Workforce and Economic Development study.
5. Directs agencies to report on metrics and the inventory.
6. Changes the Commission's deadline for its Biennial Report to the Legislature and adds responsibility for reporting on progress toward the N&WLW targets and metrics.





**Questions?**

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