

Pacific Northwest Region | Pacific Southwest Region | Pacific Planning Service Group

# **Northwest Forest Plan Amendment - Adapting to Changing Conditions**

#### **Ecosystem Resilience and Adaptation Goals**

#### Adapting to Changing Conditions

- Includes strategies to address vulnerabilities in ecosystems and infrastructure, such as:
  - Increasing resilience of recreation sites and transportation networks to environmental stressors.
  - Strengthening connectivity between habitats to support species migration.
  - Restoring watersheds and improving beaver management to enhance hydrological stability.
- Encourages use of vulnerability assessments and related resources to inform adaptive management.

#### **Ecosystem Integrity and Disturbance Management**

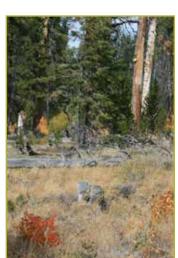
- Recognizes the cascading effects of environmental changes, including increased wildfire risk and altered hydrological systems.
- Differentiates management goals for dry forests (fire-resilience, carbon stabilization, and ecosystem integrity) and moist forests (carbon storage and habitat integrity).

#### **Carbon Stewardship**

- Aligns forest carbon management with ecosystem health:
  - Moist forests: Prioritize long-term carbon storage.
  - Dry forests: Focus on stabilizing carbon stocks and reducing vulnerability to disturbances.

### **KEY HIGHLIGHTS:**

- Recognizes that evolving environmental factors, such as increased disturbances and shifting weather patterns, are central to forest stewardship.
- Incorporates adaptation strategies into project planning to enhance forest and ecosystem resilience.
- Promotes different management approaches for moist and dry forests, stabilizing and optimizing carbon stocks.



## **Spotlight on Alternatives**

### Alternative B (Proposed Action):

- Encourages thriving native plant and animal communities supported by healthy ecosystem functions.
- Promotes collaboration with State and local governments, Tribes, and communities to enhance adaptation and resilience projects.

#### Alternative C:

- Limits the use of thinning as a restoration tool, relying instead on natural processes and reducing grounddisturbing activities.
- Focus on maximizing carbon stocks, though with risk of loss due to greater wildfire vulnerability.

### Alternative D:

- Expands upon Alternative B, with higher acreage goals for reforestation and additional adaptation strategies.
- Encourages greater use of wildland fire to restore ecosystems and build resilience

# How Does This Amendment Address Changing Conditions?

- Forward-Looking Management: Prioritizes adaptation to current and anticipated environmental stressors.
- Collaboration and Inclusion: Builds partnerships to align ecological goals with community and tribal priorities.
- Strategic Carbon Goals: Balances carbon storage and stabilization needs across diverse forest landscapes.

# Learn More About Adapting to Changing Conditions in the Draft Environmental Impact Statement

For more detailed insights, explore the following Draft Environmental Impact Statement sections:

- 1. Volume 1: Chapter 3 Resilience and Changing Conditions
  - Discusses the effects of environmental stressors and management strategies.
- 2. Volume 2: Appendix A1 Ecosystem and Infrastructure Resilience
  - Details adaptation goals for ecosystems, infrastructure, and forest carbon.
- 3. Volume 2: Appendix E Environmental Justice
  - Examines the intersection of resilience planning with underserved communities.
- 4. Volume 2: Appendix C Climate and Carbon Management
  - Provides guidelines for managing carbon stocks and stabilizing forest ecosystems.

### How to Get Involved

Your feedback is vital in shaping forest resilience strategies under the Northwest Forest Plan. Submit your comments by visiting: www.fs.usda.gov/goto/r6/nwfp.

For more information about the Northwest Forest Plan & Amendment, including how to comment, scan the QR code or visit: <u>www.fs.usda.gov/goto/r6/nwfp</u>



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