

Forest Health Research Program Grantee Webinar:

## Forest Management to Promote Resilient Coast Redwood Forests

Salli F. Dymond, PhD, Northern Arizona University



**Wednesday, September 17, 2025**

3:00 pm – 4:00 pm PDT

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**Abstract:** The coast redwood belt is actively managed to promote growth and yield, but the contributions of management to coast redwood resiliency in the presence of forest disturbances is still uncertain. Unthinned second-growth coast redwood forests often have high tree densities with compact canopies, leaving them susceptible to high severity wildfire and mortality from drought. This project leverages new and existing research from the Jackson Demonstration State Forest to better understand interactions and feedbacks between forest stand structure, management, and climate on coast redwood forest resiliency.

**Salli Dymond** is an Associate Professor in the School of Forestry at Northern Arizona University. She holds a BS and MS in Forestry from Virginia Tech and a PhD in Watershed Hydrology and Management from the University of Minnesota Twin Cities. She is a forest ecohydrologist and is particularly interested in how trees interact with and exert control over the hydrologic cycle, especially following disturbance. She is currently Board Secretary of the Consortium of Universities for the Advancement of Hydrological Sciences, Inc.

The Forest Health Research Program is part of [California Climate Investments](#), a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment — particularly in disadvantaged communities.

