



FY23 Q3

Climate Hub work relevant to Forest Service National Forest System

Enhance Forest Service capacity

Strengthen Shared Stewardship

Deliver usable information

Bridge science and management

OUTCOMES

“The USDA California Climate Hub has been instrumental in improving climate literacy and understanding of decision-support tools across USFS Region 5 by engaging key partners through multiple, hands-on workshops to identify opportunities at the nexus of climate change, shared stewardship, and the Wildfire Crisis Strategy.”

Lara Buluc, Ecosystem Services & Climate Change Program Lead, USFS Pacific Southwest Region

HIGHLIGHTED WORK

- **The California Climate Hub** collaborated with the Forest Service R5 to develop workshops, trainings, and science synthesis to inform forest management. They designed and facilitated a post-fire restoration workshop in partnership with the Mendocino National Forest. The workshop leveraged decision support tools from the US Forest Service, gathered input from attendees on their values and priorities for the Forest, and built understanding of the trade-offs in restoration strategies. The California Climate Hub also led virtual trainings of Forest Service staff in the Northern, Southern, Central, and Southern Sierra Zones. These trainings share tools and information to support climate smart decision making.
- **The Northern Forests Climate Hub**, Northern Institute of Applied Climate Science (NIACS), Forest Service Region 9, and the Office of Sustainability and Climate hosted a two-part workshop to guide watershed specialists through integrating climate change into Watershed Restoration Action Plans (WRAPs). The workshops introduced a framework to assist in documentation of climate considerations and provided interactive activities and technical assistance.
- **The Northwest Climate Hub** conducted a webinar on [Vulnerability of Alaska Native Tribes in Prince William Sound and Adjoining Kenai Peninsula to Selected Climate and Nonclimate Stressors](#) to provide the key findings of a new report on climate change effects on Alaska Native Tribe subsistence.
- **The Southeast Climate Hub** met with district staff in Kisatchie National Forest, Angelina National Forest and Sabine National Forest to talk about their upcoming forest plan revisions. Climate Hub staff will contribute to hurricane preparedness and recovery guide for the Angelina National Forest and develop a guide for pine forest landowners in Texas.
- **The Southwest Climate Hub** hosted a workshop with RMRS for resource specialists and managers from the Rio Grande National Forest; participants used the Adaptation Workbook to determine the climate impacts of greatest concern, and identify management opportunities for adaptation. The Southwest Hub also developed a [story map](#) to communicate the results of R3's [Aquatic-Riparian Climate Change Vulnerability Assessment](#), which is intended to help managers prioritize and guide strategy activities in southwestern riparian ecosystems.



CASE STUDIES

Vulnerability Assessments

USDA Climate Hubs staff help stakeholders prepare adaptive management strategies using vulnerability assessment training and resources.

The Northwest Climate Hub conducted a workshop with 45 Olympic National Forest staff to review their 2011 climate change vulnerability assessment, make them aware of new data and information, and help them think about climate change adaptation options.

The Southwest Climate Hub has hired a Postdoctoral Fellow to support National Forest System Region 3 in conducting a climate change vulnerability assessment of cultural resources on FS lands in Arizona and New Mexico.



Tribal Forest Protection Act

The Northern Forests Climate Hub designed a webinar series to facilitate greater collaboration between Tribal Nations and associated National Forests. Specifically, these sessions helped interested Tribal and National Forest staff understand the [Tribal Forest Protection Act \(TFPA\)](#) and how TFPA projects can help advance shared priorities for climate change adaptation. In a workshop, Tribes and their associated National Forests identified mutual climate adaptation priorities and developed projects that Tribes can initiate through the TFPA. Participants considered projects related to promoting regeneration of culturally important trees and understory medicinal plants, the indigenous use of prescribed fire, and more. This workshop was attended by 65 people from the Keweenaw Bay Indian Community, Lac Vieux Desert Band of Lake Superior Chippewa, and the Ottawa National Forest. The workshop series was funded by Forest Service Research and Development Northern Research Station.

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