

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Develop a Restoration Plan for Cahoon Meadow, Sequoia National Park, CA

Discipline: Natural
Type of Project: Technical Assistance
Funding Agency: National Park Service
Cooperators: Colorado State University
Effective Dates: 6/1/2014 - 1/31/2016
Funding Amount: \$36,000

Investigators and Agency Representatives:

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Project Abstract: Colorado State University will produce a plan and National Environmental Policy Act (NEPA)/ California Environmental Quality Act (CEQA) compliance to restore wetland hydrology, vegetation, and ecosystem function in the 17 acre Cahoon Meadow. Cahoon Meadow is a wet meadow located at 7,350 feet elevation at the headwaters of Cahoon Creek, a tributary of the East Fork of the Kaweah River in Sequoia National Park containing severe erosion gullies. The meadow is located in designated wilderness, and alternatives will include both mechanized and non-mechanized treatments.

Outcomes with Completion Dates:

1. A base map and wetland delineation of Cahoon Meadow.
2. A report assessing the long-term (50 year) results of non-mechanized meadow restoration techniques and discussing their potential application in Cahoon Meadow and Sierra Nevada wilderness meadows.
3. A written plan and Environmental Assessment to implement on-the-ground restoration of wetlands at Cahoon Meadow, allowing the park to move directly to implementation of the selected alternative.

Keywords: restoration plan, Cahoon Meadow, Sequoia National Park, CA, Colorado State University