

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Integrated Alpine Monitoring among Parks and Networks as Part of the Global Research Initiative in Alpine Environments (GLORIA) Networks

Discipline: Natural Resources
Type of Project: Technical Assistance and Education
Funding Agency: National Park Service
Other Partners/Cooperators: Colorado State University
Effective Dates: 9/2/2014 - 12/31/2018
Funding Amount: \$58,608

Investigators and Agency Representative:

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Project Abstract: This project continues to implement long-term monitoring of alpine summits in national parks in the Rocky Mountains including a new site in and near Bandelier NM (BAND)[installed and monitored in 2015]. It also includes a second round of alpine monitoring in Yellowstone NP (YELL) in 2016. An important additional outcome will be greater collaboration among parks, I&M networks and other alpine ecologists/managers in monitoring and research into the status and trends in alpine systems in the Rocky Mountains through an alpine monitoring workshop facilitated by the Colorado Natural Heritage Program and the monitoring networks (in winter 2014-15 or 2015-16).

The project will result in a shared strategy for alpine monitoring among national parks and the I&M networks to conduct long-term alpine ecological monitoring using similar methods, shared field crews, and shared data management, analyses and reporting.

This phase of the project is being developed with CNHP with funds obligated in the 2014 combined GLORIA task agreement. We will coordinate among NPS GLORIA monitoring sites and partners to hold a GLORIA workshop in 2015. CNHP will work with us to facilitate the workshop. We will hold the workshop in a central location to save travel costs (which will be borne by networks and parks). We will invite and pay travel for several well-published alpine ecologists to participate as GLORIA experts.

Outcomes with Completion Dates: December 31, 2018

Keywords: alpine monitoring, Colorado State University, Colorado Natural Heritage Program, National Park Service Inventory and Monitoring Program