

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: NPS Air Resources Information and Outreach Assistance

Discipline: Natural
Type of Project: Technical Assistance
Funding Agency: National Park Service - Air Resources Division
Other Partners/Cooperators: University of Colorado at Denver
Effective Dates: September 30, 2009 - December 31, 2014
Funding Amount: \$78,061 [FY14: \$21,391; FY13: \$2,000; FY12: \$18,013; FY10: \$18,657; FY09: \$18,000]

Investigators and Agency Representative:

NPS Contact: Michael George National Park Service Air Resources Division 12795 W. Alameda Parkway Lakewood, CO 80228 Phone: 303-987-6926 Email: Michael_George@nps.gov	Investigator: Deb Thomas Associate Professor Department of Geography & Environmental Sciences University of Colorado Denver PO Box 173364, CB 172 Denver, CO 80217-3364 Phone: 303.556.5292 Email: deborah.thomas@ucdenver.edu
--	--

Project Abstract: Over the past 20 years, Air Resources Division has amassed a vast quantity of park related air quality information and publications. ARD activities enhance the scientific understanding of air pollution impacts to resources in parks—including vegetation, wildlife, water quality, soils, and visibility—in order to help air pollution control agencies and land managers protect park vistas and ecosystems. This cooperative effort to gather, extract, compile, record, and graphically represent air quality information that is relevant to parks will make research results available through the dissemination of information to parks and the public via the web. A key element of the project is to provide this scientific information to the general public enhancing their understanding of issues that can affect their enjoyment of public lands. Web mechanisms that will be employed to reach this goal include an NPS natural resource information portal and the ARD education and outreach WebSite.

This project will: 1) Assist with air resources data management activities 2) contribute to projects that present NPS air resources information to park units and the public through an information portal (online database), interactive Geographic Information Systems (GIS), and interpretive websites.

Outcomes with Completion Dates: Final report due: December 31, 2014

Keywords: University of Colorado Denver, National Park Service - Air Resources Division, air pollution, impacts, park resources, public information, GIS, interpretive website