

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Dust Chemistry Monitoring in the Southwestern US

Type of Project: Technical Assistance

Project Discipline: Natural

Funding Agency: USGS

Other Partners/Cooperators: University of Colorado at Boulder

Effective Dates: 9/1/2009 - 8/31/2012

Funding Amount: \$74,645 [FY11: \$44,968; FY10: \$24,677]

Investigators and Agency Representative:

Investigator: Jason Neff, University of Colorado, 3100 Marine Street, Room 479, 572 UCB, Boulder, CO 80309-0572, Phone: 303-492-6187 Fax: 303-492-2606; Jason.C.Neff@colorado.edu

Agency: Richard L. Reynolds, US Geological Survey, MS 980, Box 25046, DFC, Denver, CO 80225; Phone:303-236-1303; Fax: 303-236-5349; rreynolds@usgs.gov

Project Abstract:

The objectives of this proposed project are:

- 1) Develop new dust monitoring station in the USG Southwest.
- 2) Monitor dust load and composition at three dust monitoring stations.
- 3) Develop a new website with near-real time updates of dust concentrations at observing sites.

Outcomes with completion dates: The final report shall be submitted within 90 days of the end of the project period.

Keywords: monitoring, dust, southwestern US, USGS, University of Colorado at Boulder