

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Data Warehouse for Air Quality Modeling in the Intermountain West Oil and Gas Regions of Wyoming, Utah, New Mexico, and Colorado

Discipline: Natural Resources
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Colorado State University
Students Involvement: No
Effective Dates: 8/17/2017 - 9/30/2019
Funding Amount: \$486,897

Investigators and Agency Representative:

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Project Abstract: The purpose of the agreement is for the two organizations to work together to support future air quality planning through making good quality information available in the Intermountain West Data Warehouse. The approach for the data warehouse ensures data that are consistent and comprehensive supporting good decision making. The project is a collaborative effort with the: Colorado Department of Public Health and Environment; Wyoming Department of Environmental Quality; Utah Department of Environmental Quality; New Mexico Environment Department; Bureau of Land Management State Offices in Colorado, Wyoming, Utah and New Mexico; U.S. Forest Service Regions 2, 3 and 4; Environmental Protection Agency - Region 8; U.S. Fish and Wildlife Service; and Western State Air Resources Council (WESTAR).

A particular focus of the project is National Environmental Policy Act (NEPA) planning related to oil and gas development in the Intermountain West. The intent of the project is to make the information used in NEPA analyses better quality and more consistent toward more efficient and cost effective planning, thus saving government resources. An additional goal is making this NEPA-related information more readily available to the public. This project will further benefit the public by assisting in a comprehensive understanding of the intricacies of the formation and transport of air pollution that affects the public's health and welfare in the study area, and do so in an easily accessible way. The specific focus of this work, oil and gas development impacts, is also generally of interest to the public.

Keywords: Technical support, Intermountain West Data Warehouse, National Park Service, WASO Natural Resource and Stewardship/Air Resources Division, Colorado State University