

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: North Central Climate Science Center Implementation Activities: Data-Model Exchange Strategy for Climate Impact and Response Analyses and Regional Assessment of the Great Plains

Discipline: Natural
Type of Project: Technical Assistance
Funding Agency: USGS
Other Partners/Cooperators: Colorado State University
Effective Dates: 9/1/2011 - 8/31/2013
Funding Amount: \$499,999 [FY12: \$274,999; FY11: \$225,000]

Investigators and Agency Representative:

USGS Contact: Jay Hestbeck, US Geological Survey, PO Box 25046, MS911, Denver, CO 80225; 303-236-4836

Investigator: Dennis Ojima, Natural Resource Ecology Laboratory, Campus Mail 1499, Fort Collins, CO 80523-1499

Project Abstract: This research will be divided into three sets of Task Areas: 1) Data Integration for Landscape Conservation Workshop 2) Assessment of Data Integration Capacity and 3) Assessment of Potential Climate Impacts and Adaptation Strategies.

Objectives include:

- Development of IT and information protocols which cover areas related to distributed data sharing and analytical technologies across a distributed computing platform;
- Completion of a pilot study to evaluate challenges to data access and retrieval, distributed analysis of climate data and impacts on natural resources, and information exchange across multiple user communities from science-users to decision makers to the general public;
- Co-coordinator of the Great Plains regional assessment to meet the requirements of the ongoing National Climate Assessment. The Assessment will generate scoping documents (including statements of task, initial outlines, work plans, etc.) associated with the design of technical inputs; workshop or meeting read-ahead materials, agendas, other hand outs, presentations, post-workshop communications, and attendee lists; drafts of papers or reports at important milestones (e.g., review draft, final draft); reviewer comments (for papers and reports); and evaluations (from workshop or meeting participants)

Outcomes with completions dates: August 31, 2013

Keywords: climate impacts, regional assessment, North Central Climate Science Center, USGS, Colorado State University