

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Biostatistical Support for National Park Service Biological Resources Projects

Discipline: Natural Resources
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Colorado State University
Effective Dates: 4/1/2011 - 4/10/2015
Funding Amount: \$44,992 [FY12: \$14,992; FY11: \$30,000]

Investigators and Agency Representative:

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Investigator: Kenneth R. Wilson, Professor and Department Head, Department of Fish, Wildlife, and Conservation, 109 Wagar, Colorado State University, Fort Collins, CO 80523, (970) 491-1410, kenneth.wilson@colostate.edu

Project Abstract: This project will provide biostatistical support for the National Park Service (NPS) Biological Resources Projects. The Colorado State University Department of Fishery, Wildlife and Conservation Biology (CSU FWCB) will provide specialized statistical assistance through tenured, tenured track, and adjunct faculty, as well as graduate and post-doctoral students for a particular statistical problem, with Dr. Kenneth Wilson serving as the principal investigator. The CSU FWBC will provide support through the review of study designs, consulting on preliminary sampling and sample size determination, consulting on all phases of project planning, work, analysis, and write ups including the review of manuscripts for statistical methods used and interpretation of data. The CSU FWBC, upon request, will provide expertise in biological/ecological monitoring and research study designs and data analyses. Substantial interaction between CSU FWBC, BRMD and NPS Park Biologists will be necessary for CSU FWCB to conduct its work. NPS will provide data, plans, context, goals and objectives for each individual request that will allow CSU FWCB to provide the most valid and effective biostatistical consultation.

Outcomes with Completion Dates: Due Date for Final Report and/or Final Products: April 10, 2015

Keywords: National Park Service, Biological Resources Management Division, Colorado State University, **biostatistical support**