Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Research and development of processes and tools for the NPS National Information Services Center (NISC) Portfolio and Project Management (PPM) and Information Technology Information Library (ITIL) project

Discipline: Interdisciplinary

Type of Project: Technical Assistance

Funding Agency: National Park Service

Other Partners/Cooperators: Colorado State University

Effective Dates: 8/1/2008 – 9/30/2010

Funding Amount: $192,027

Investigators and Agency Representative:

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Project Abstract: CSU Research Associate will assist NPS staff to complete several activities, including:
1. Researching best practices tools for portfolio management
2. Researching best practices tools for tracking projects
3. Researching best practices tools for tracking requirements
4. Determining best layout and guidelines for templates for the Project Management process
5. Developing processes and procedures for performing requirements analysis, business analysis and use cases
6. Assisting in the establishment of the NPS PMO within the NISC
7. Assist in the implementation of selected tools and processes
8. Developing processes and procedures for ITIL best practices in support of the services provided by the NISC to the NPS and the public

Outcomes with Completion Dates: Due by September 30, 2010: Final report, including (1) demonstration and recommendation of portfolio and project management (PPM) applications utilizing best practices for the management of projects within an organization; (2) documentation of research results, project requirements, and implementation recommendations/plans for the selected PPM product to be used within the NISC, (3) documentation of research results, project requirements, and implementation recommendations/plans for the development of services catalogs for the NISC based on ITIL best practices, and (4) other protocols and applications for collection and management of project requirements gathering and tracking including integration with the integrated software environments used within the NISC.

Keywords: Office of the Chief Information Officer, Colorado State University, information technology, project standards, project management, information technology information library