

Project Completion Report
Rocky Mountains Cooperative Ecosystem Studies Unit (RM-CESU)

Project Title: CADEnCE. A Condition Assessment Data Evaluation and Cost Estimation tool for historic buildings.

Project Code: CSURM-204

Type of Project: Software development

Funding Agency: National Park Service

Partner University: Colorado State University

NPS Agreement Technical Representative: Tom Keohan

Principal Investigator: Jim Zeidler, PhD

Start Date of Project: 9/1/2010

End Date of Project: 06/30/12

Funding Amount: \$10,000

Project Summary, Provide a cultural resources condition assessment methodology that uses a standardized system of inspecting and evaluating the physical condition of historic buildings and structures by revising CADEnCE, a tool developed by NPS for the USAF under an earlier cooperative agreement between NPS and CSU. The revised program, written in MS ACCESS will be used to assist National Historic Landmark (NHL) owners and stewards in improving the condition of NHL buildings and structures. The revised CADEnCE program will be capable to produce reports per building/structure as well as summaries of deficiency priorities and cost of needed repair.

The final product is an electronic computer based software program compatible with Microsoft based computers. In addition, a user manual in pdf format is provided to guide users through the data forms and report functions of CADEnCE.

Number of students participating in this project: *None*