

SECTION I : Cover Page, Project Summary & Funding Request

2010 Sustainable Agriculture and Food Systems Competitive Grants Program

(Download a Word document at: www.sarep.ucdavis.edu/SAREP2010RFP-CoverPage.doc)

Project Title: Develop and document opportunities and success stories for ecosystem services on California rangelands

Proposal Category:

- Planning Grant Education and Outreach Grant
 Research Grant Graduate Student Research Grant – Food & Society

Priority Area:

- Agriculture, Resources and the Environment (ARE)
 Food and Society (F&S)
 Social Learning in Agriculture and Food Systems (SL)

Topic(s) Addressed in Proposal:

- Climate Change (ARE)
 Nutrients and Water in Agricultural Landscapes (ARE)
 Harnessing Ecosystem Services (ARE)
 Closing the Loop: Sustainable Waste Management in Agriculture (ARE)
 Building Regional Markets (F&S)
 Community Food Security (F&S)
 Food System Assessments/Policy (F&S)
 Farmworker and Rural Community Wellbeing (F&S)
 Social Learning in Agriculture and Food Systems (SL)

Principal Investigator (main contact)

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Collaborators:

Identify by “” each collaborator from a county-based UC Cooperative Extension office or a community-based stakeholder group. All proposals must include at least one collaborator identified as such.*

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Project Summary

Traditional ranching operations have focused on harvested products rather than the non-marketed services provided from landscapes. Now “Ecosystem Services” are recognized areas of both marketable and non-marketable services that can bridge the gap between the economical and ecological outputs. **“Develop and document opportunities and success stories for ecosystem services on California rangelands”** serves to define ecosystem services and document associated research to assess their value and the potential increased ecological and economical impacts. The project implements an ecosystem service evaluation, working with University of California Cooperative Extension (UCCE) and UC Davis staff, along with key partners such as the California Rangeland Conservation Coalition (CRCC), to build coalitions to guide pertinent research questions and realistic expectations. This project develops educational materials and outreach efforts to better understand what types of streamlining efforts are needed to make decisions on best management practices for increasing ecosystem services on rangelands.

Total funds requested from SAREP: \$9,500