

Project Name: *Write out the entire, specific name.*

Economic value of ecosystem services and its role in integrated water management in California

Sponsor/Program Manager	Paul Massera
Project Manager	Michael Perrone

Project Objective Statement: *What must the project do? By When? Keep this statement to 25 words or less. Make it SMART (Specific, Measurable, Achievable, Relevant, and Time-based).*

Present case studies of integrated water management that identify the economic (monetary) value of ecosystem goods and services and publish the findings in volume 1 of California Water Plan Update 2013.

Triple Constraint Trade-off

Resources	S	<i>Select a different flexibility letter for each constraint N= Not Flexible S= Somewhat Flexible M= Most Flexible</i>
Schedule	N	
Scope	M	

Estimated Start Date:	1 September 2010	Estimated End Date:	31 December 2012
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Project Deliverables: *What is the project going to produce? Create a list of tangible products that will result from project.*

A chapter section in volume 1 of Water Plan Update 2013; a briefing document in PowerPoint; briefings to AC and SASC

Strategic Fit: *What is the Strategic Initiative Identifier for this project?*

Ecosystem planning and sustainability

Customer: *Who are you doing the project for?*

Water Plan Public Advisory Committee, State Agency Steering Committee and Water Plan project team

Customer Benefits: *What customer requirements does this project address? Relate these to: increase revenue, avoid costs, improve service, and/ or comply with a mandate? Create a short list of customer benefits.*

Environmental interests want more and better integration of ecosystem protection and restoration into water resource management and planning. The deliverables will express the value of ecosystem restoration in economic terms and identify beneficiaries. This will help justify expenditures on ecosystem enhancement to policy-makers and identify potential sources of revenue. Policy-makers now regard ecosystem work as either irrelevant or as a cost to be minimized. The project will show successful examples of integrated resource management to prospective grant applicants.

Successful Completion Criteria: *How will the success of the project be determined from the customer's perspective? Make criteria measurable so there is no doubt as to the project's success. Create a short list.*

A chapter section prepared on time for inclusion in the 2013 Update will satisfy the project team. Agreement among Advisory Committee and SASC members that the section provides a helpful description for the layperson will constitute success.

Project Charter (Version _____)

Date: 29 Oct 2010

Project Background: *What is the primary motivation for this project? Include a brief high level description of the business area, the current situation, the desired situation, and the gaps that exist. This summary builds on your description in the Project Initiation form.*

Harmonization of efforts to ensure a reliable water supply and protect and restore ecosystems continues to challenge Californians. The chapter aims to advance stakeholder comprehension of the cost effectiveness of ecosystem restoration by estimating its economic benefits in dollar terms. The chapter aims to describe the role of ecosystem restoration in integrated resource management, using current on-the-ground examples of successful approaches that can meet multiple objectives of the implementation plan of Update 2009.

Project Scope:

In Scope: *List areas and functionality included in project.*
 Four case studies of management of water and other natural resources. These include carbon capture farming in the Delta: fire, water and forest management in the Mokelumne watershed; mountain meadow restoration; and natural resource management in the Santa Ana watershed. Outreach to AC and SASC to broaden support for the approach.

Out of Scope: *List areas and functionality not included in project.*
 Complete characterization of any ecosystem service (will provide local examples only); characterization of all ecosystem goods and services in a watershed (only analyze measurable services, among those related to water management)

Dependent Projects: *What projects must be underway or completed before this project can be successful?*

Preparation of Resource Management Strategy for ecosystem restoration must be under way—to provide context

Risks: *What characteristics or situations could cause this project to fail? Identify those items which are outside the jurisdiction of project and could result in a “show-stopper” to the project success. Create a short list.*

Inadequate funding; lack of subject matter expertise due to staff turnover or re-assignment of matrix staff; failure to locate and/or get cooperation of subject-matter experts for detailed descriptions of case-study components

Assumptions and Constraints: *What assumptions were made in defining project? Are there constraints to the execution of project? List assumptions and constraints.*

This Project Should Have:

Project Management Plan <input type="checkbox"/>	PMP will include: <i>check all that apply</i>	Work Breakdown Structure <input type="checkbox"/>	Communications Plan <input type="checkbox"/>	Procurement Plan <input type="checkbox"/>	Human Resources Plan <input type="checkbox"/>
Quality Management Plan <input type="checkbox"/>	Stakeholder Register <input type="checkbox"/>	Risk Register <input type="checkbox"/>	Project Budget <input type="checkbox"/>	Project Schedule <input type="checkbox"/>	DWR Form 1498 <input type="checkbox"/>

Major High-Level Milestone Targets: *What events measure progress? E.g. Initiation Approved, Analysis Complete.*

Milestone	Target Date
Finish data collection for case studies	Jan 2012
Finish article draft / begin internal review	Apr 2012
Begin public, agency and stakeholder review of article	Jul 2012
Finish stakeholder review	Dec 2012
Publish Update 2103	Dec 2013

Project Core Team Members

Team Member	Phone/E-mail	Role
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Emily Alejandrino	651-9276 ealejand@water	Co-lead

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Approved By:	Date: