



Task Order

Economic Tools and Methods to Quantify Public Benefits

March 2011

2009 Water Bond

Eligible Projects

CALFED Surface storage projects

Groundwater storage projects

Conjunctive use and reservoir reoperation projects.

Local and regional surface storage projects

Public Benefits

Ecosystem Improvements

Water Quality Improvements

Flood Protection

Emergency Response

Recreation

Economic Methods and Tools - Sample

Public Benefits

Ecosystem Improvements

Water Quality Improvements

Flood Protection

Emergency Response

Recreation

Generally Accepted Methods

Revealed Willingness-to-Pay

Market Prices

Productivity

Hedonic Pricing

Travel Cost

Imputed Willingness-to-Pay

Avoided Costs

Alternative Costs

Expressed Willingness-to-Pay

Contingent Valuation

Contingent Choice

Benefits Transfer

Task Order Outline

Economic Tools for Quantification of Public Benefits

Start: May 1, 2011

- | | <u>Completion Dates</u> |
|--|-------------------------|
| 1. Assist the Commission in identifying available tools and methods for quantification of public benefits | 6/2011 |
| 2. Provide input on how the various tools can be applied to different: <ul style="list-style-type: none">▶ types of public benefits▶ types of projects▶ size of projects | 10/2011 |
| 3. Provide input in development of language for regulations and guidelines | 2/2012 |



Questions & Comments

