

Ecosystem Revitalization 2007 Accomplishments

1. *Ecological Context Memorandum*, Mike Healey, July
2. *Design Principles for a Sustainable Ecosystem in the Bay-Delta*, Mike Healey, October
3. *Delta Tidal Restoration Primer*, Stuart Siegel, July
4. *Foundation Concepts and Some Initial Activities to Restore Ecosystem Functions to the California Delta*, Stuart Siegel, December

Ecosystem Revitalization **2008 Targets**

1. Near-Term Action #6 (p.48 of Vision)
2. Ecosystem element of the Strategic Plan

Ecosystem Revitalization

2008 Target #1:

Near-Term Action #6

1. Complete by end of first quarter
2. Start from list in Dec 2007 *Initial Activities*
3. Parallel strategies of land acquisition and technical planning with stakeholder engagement
4. Process for selecting highest priority for pursuit needs to be determined
5. Include structural habitat restoration efforts as well as stressor reduction efforts

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2008 Target #2:

Ecosystem element of Strategic Plan

1. Schedule: First Draft Jun 2008; Final Draft Sep 2008; Final Oct 2008
2. Focus on functions and processes
3. Articulate *where* we want to go, *what* that place looks like, *how* we know when we are there, then *actions* that get us there
4. Seeking to re-establish attributes of a functional *estuarine* ecosystem

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2008 Target #2:

Ecosystem element of Strategic Plan

5. Technical planning component
6. Implementation component
7. Adaptive management and science component
8. Stakeholder involvement essential
9. Collaboration with other Delta planning efforts crucial

Success will hinge on governance

Working Toward Resiliency with Ecosystem Restoration

The "Recovery Recipe"

Restore Habitats

In-Delta
Watershed
Bay

+

Restore Processes

In-Delta
Watershed
Bay

+

Remove Stressors

In-Delta
Watershed
Bay



Improved and Resilient Ecosystem Functions



Viable and Resilient Populations

Water supply conveyance options dictate viability of some activities

Inadequate knowledge + unpredictability + lack of control + uncertainty → need for Adaptive Management-Based Science Research and Assessment

Many factors could render our best intentions ineffective