

South Bay Salt Ponds Restoration Project

Stakeholder Forum Meeting

Wednesday, May 25, 2005


10:00 am – 3:00 pm

Centennial Hall, Hayward



Meeting Objectives


- Review and discussion of the Landscape Assessment
- Status report on the Initial Stewardship Program
- Poster session of the National Science Panel charette and outcomes from ad-hoc working groups; experience the new project web-based interactive map
- Update on the Science Program
- Discussion of possible selection criteria for Phase 1 actions



Meeting Agenda

1. Welcome
2. Orientation to interactive map
3. Initial Stewardship Program Update
4. Tour of posters and Forum comments on posters
5. Public Comment
6. Update on public outreach & media coverage
7. Progress on Alternatives Development: The Landscape Assessment
8. Report from the Science Program
9. Phase 1 Action Selection Criteria
10. Next Steps and Adjourn


3






The Interactive Map for the South Bay Salt Pond Restoration Project

Michael May
San Francisco Estuary Institute

4



South Bay Salt Pond Restoration Project

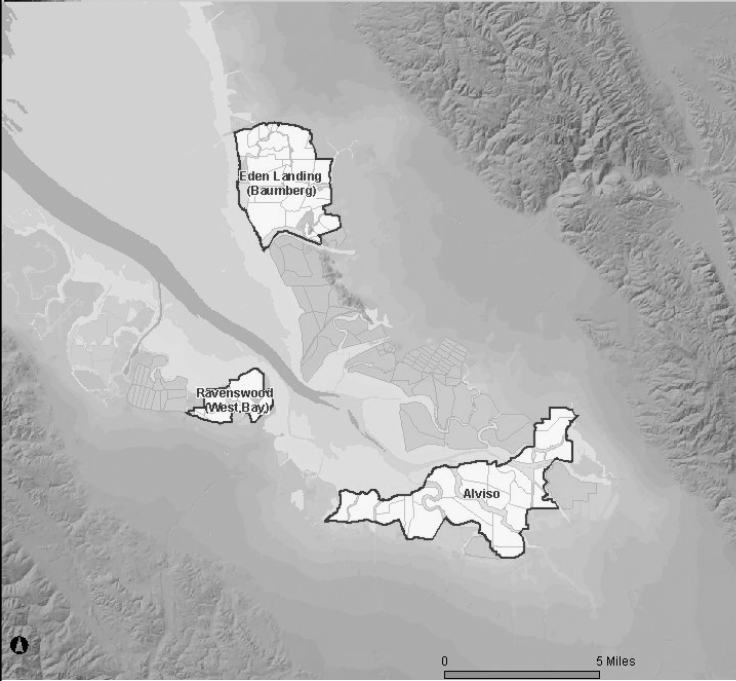


Goal

Create a web-based interactive map that the layperson can use to locate the restoration areas and view relevant information related to recreation, infrastructure, wildlife, and related topics

5

South Bay Salt Pond Restoration ProjectIntroduction



Legend

Click items for more information

- Project Boundary
- Project Ponds
- Non-project Ponds
- Deep Water
- Low/High Tide

Theme

Basic

No sub-themes

Action

Zoom In

Zoom Out

Pan

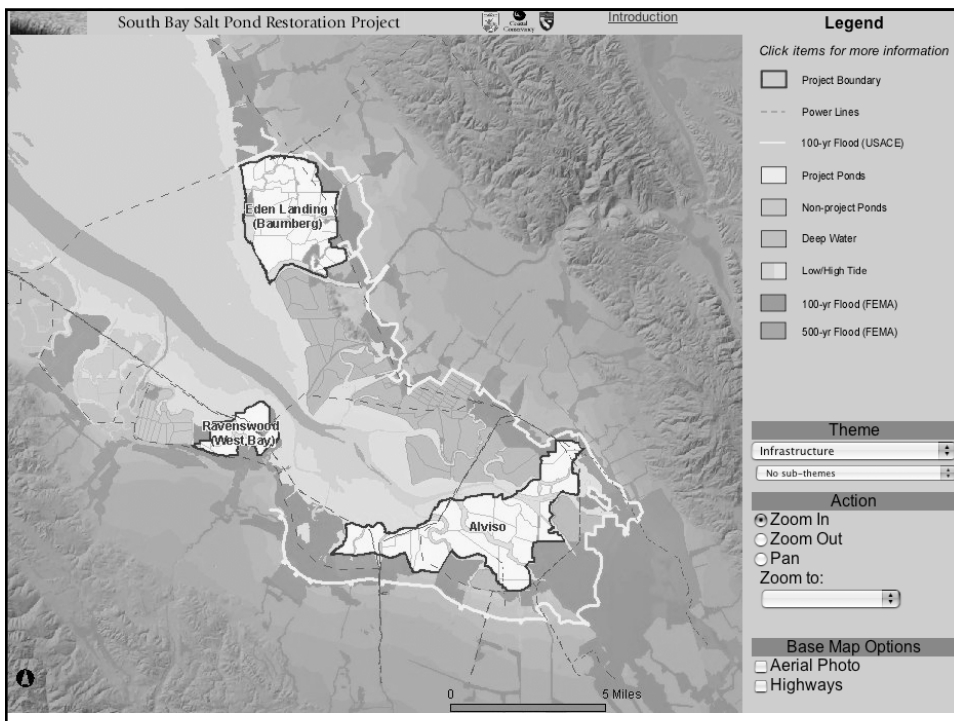
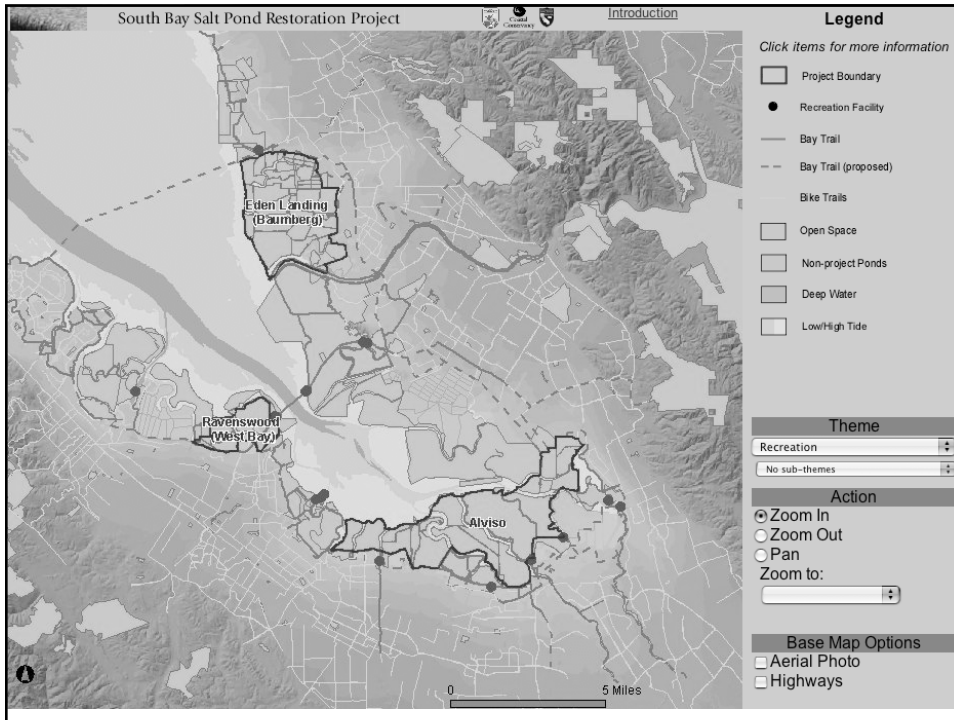
Zoom to:

Base Map Options

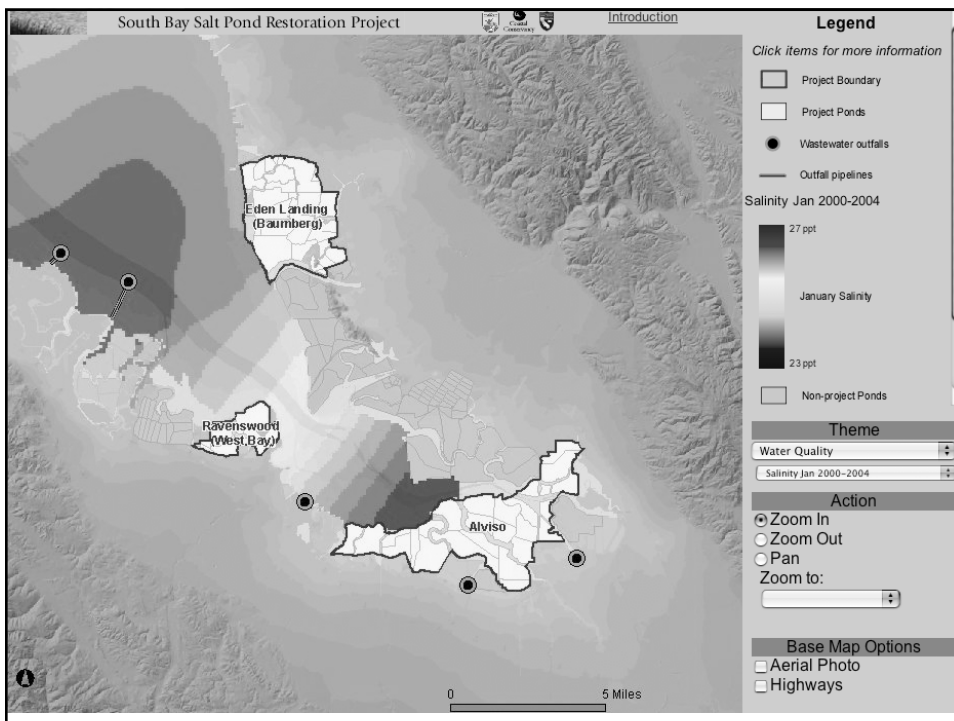
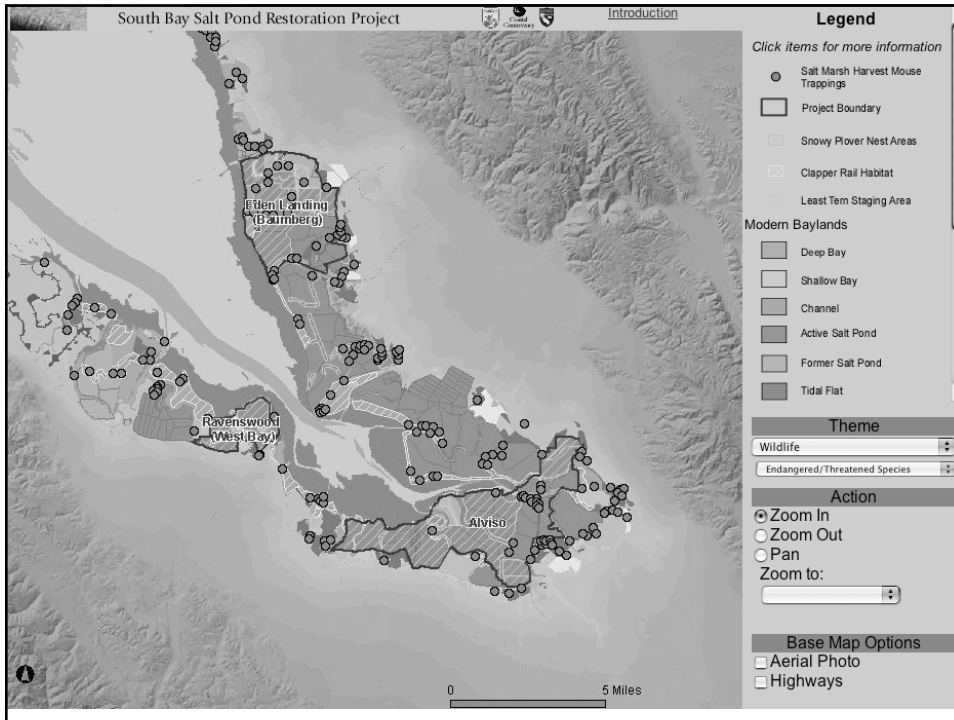
Aerial Photo

Highways

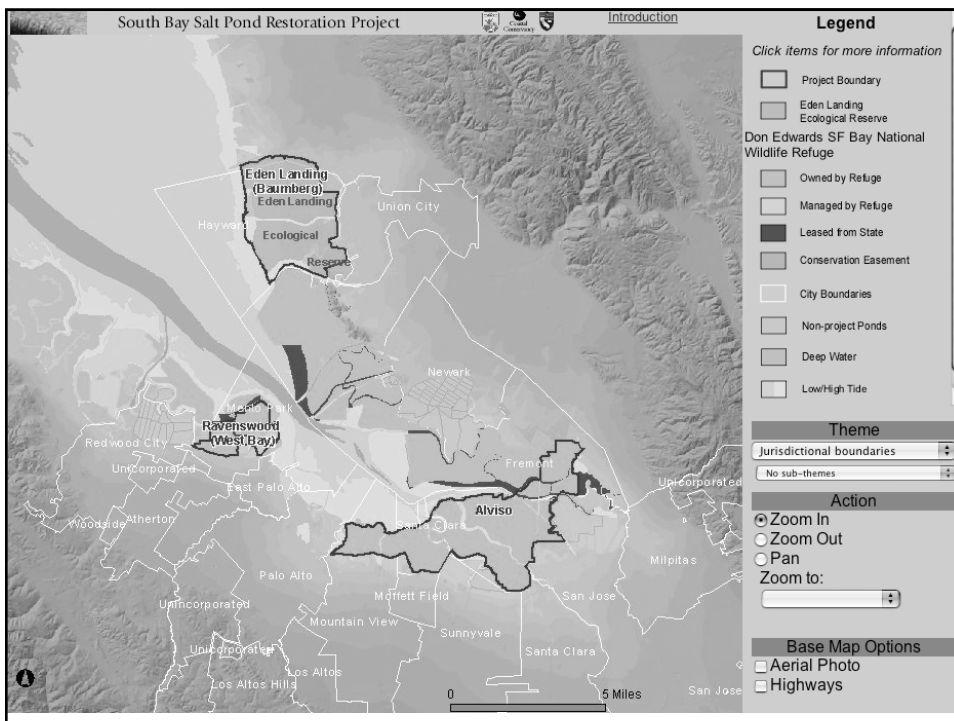
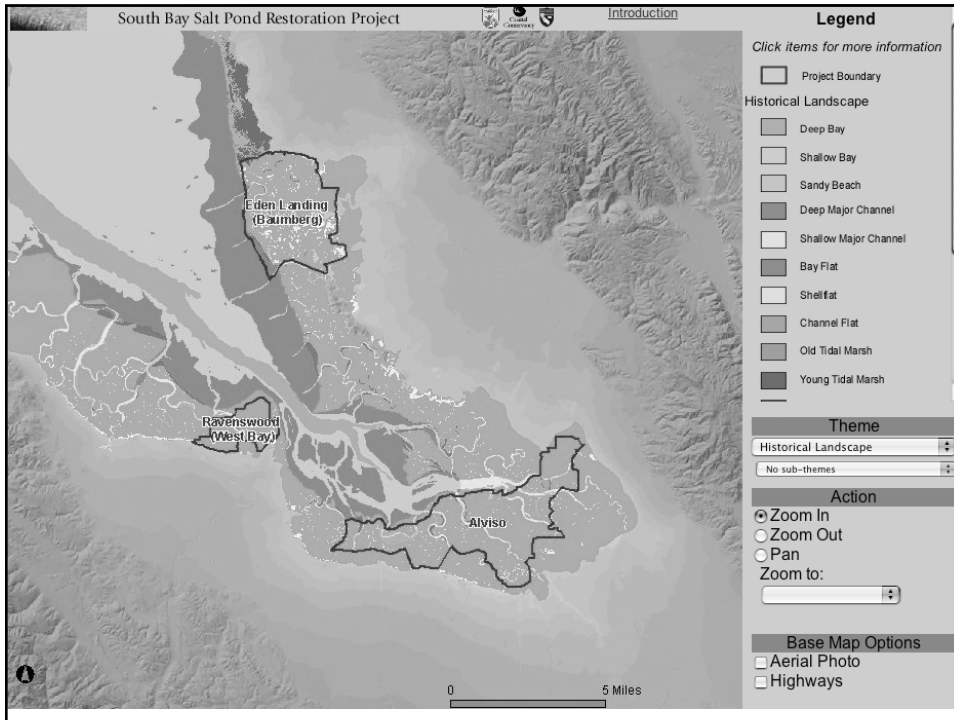
South Bay Salt Ponds Restoration Project



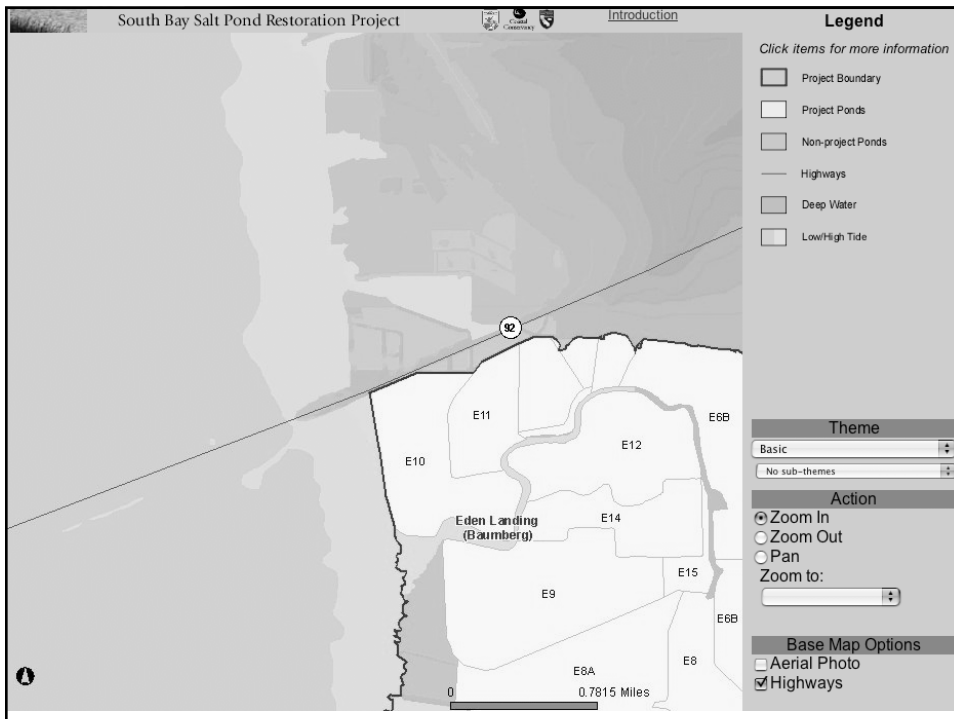
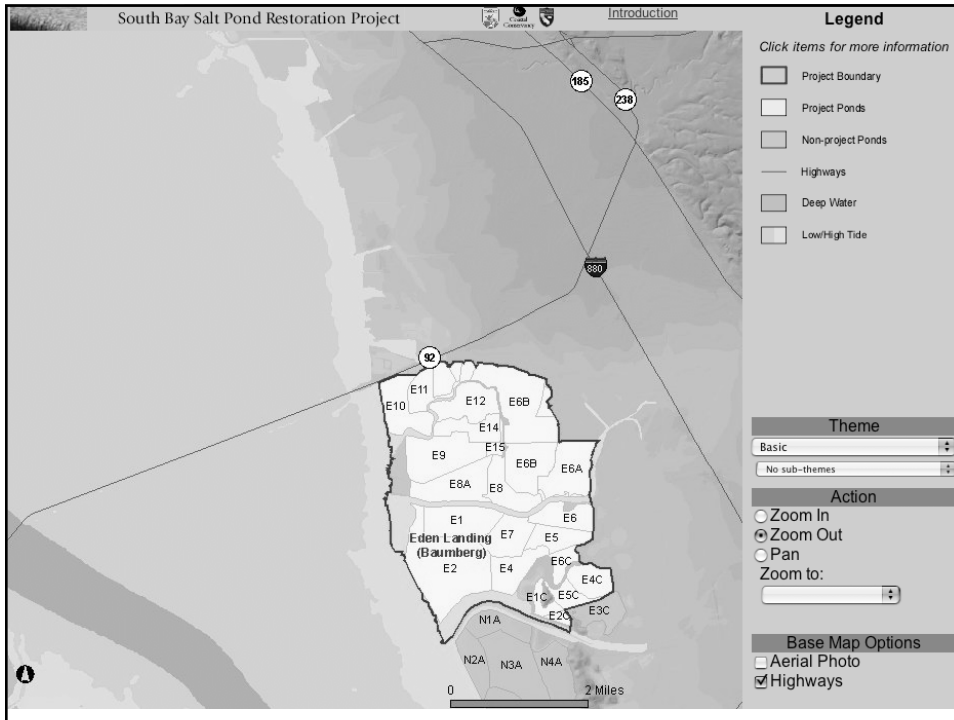
South Bay Salt Ponds Restoration Project



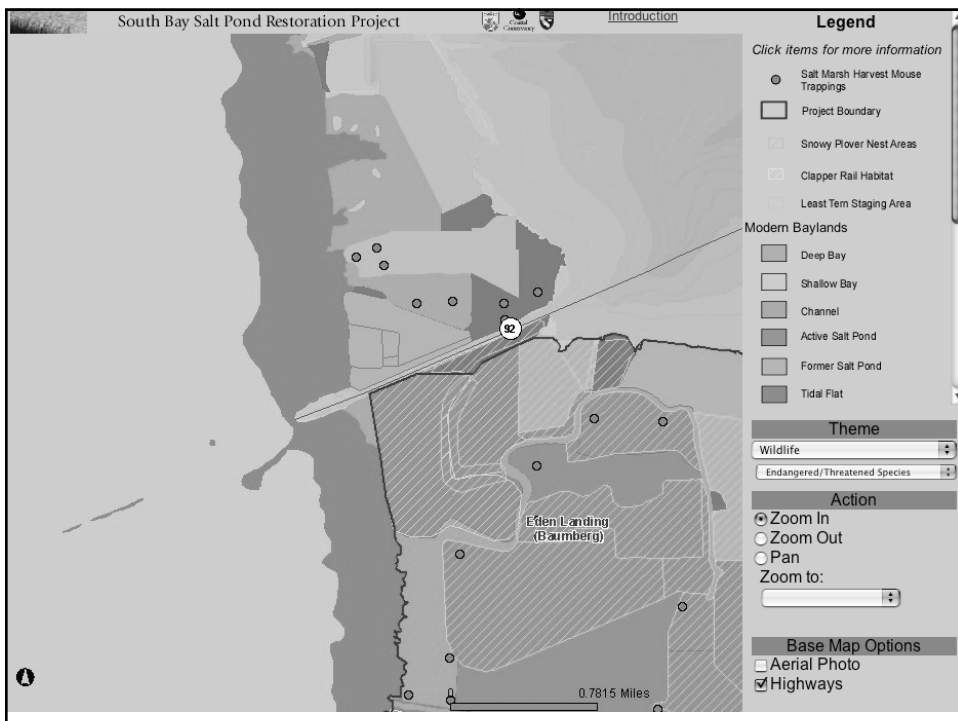
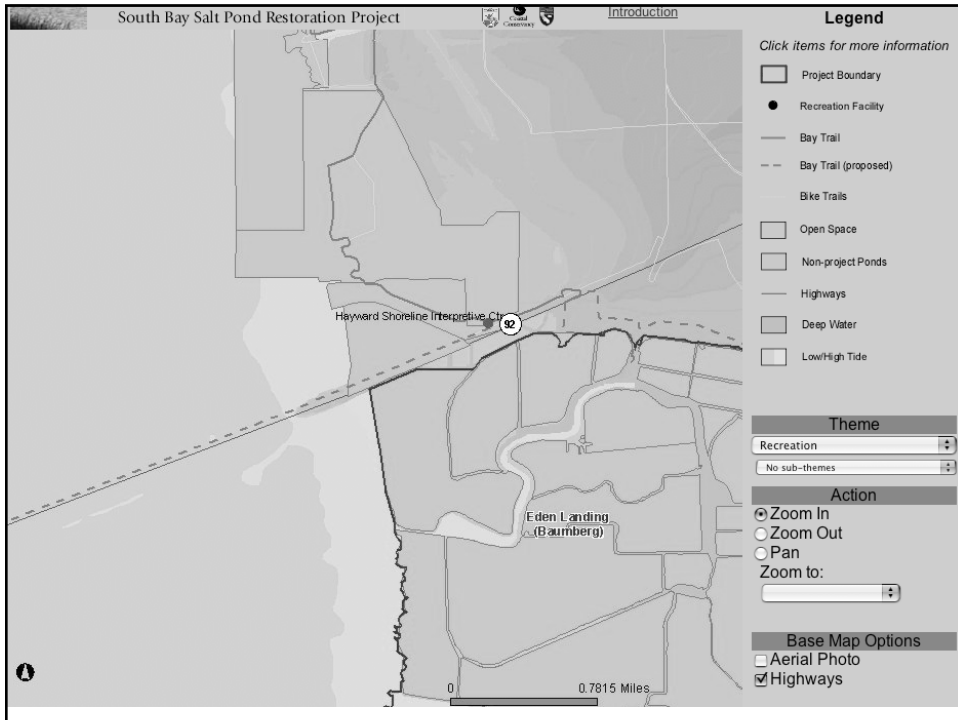
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Salt marsh harvest mouse trappings

What does this data set describe?

These sites represent most of the salt marsh harvest mice trap-and-release projects done in the South Bay between 1971 and 2002. The salt marsh harvest mouse is on the federal endangered species list. Howard Shellhammer (H.T. Harvey and San Jose State University Emeritus Professor of Biology) created this information and has volunteered to update them for the foreseeable future but he, and the Project, need your help. If you have trapped SMHM in the last three years, or if you cannot find a point on the map that matches a project of yours, let Howard know at hrc@hro@gpacshell.net. If you are reporting a new project to Howard include these data: location (an exact written description of the location of the study, or preferably the latitude and longitude to degrees, minutes and seconds; for individuals who wish to send maps, contact Howard at his email address); year it was done; type of habitat (more later); number of SMHM captures; total number of trap nights expended; 7.5 minute quad map name in which the trapping location can be found; a source (either your firm's name (and company project number) or your name—if a student then your name and university or college). Classify the location of the grids or lines as Tidal (< 10m deep, 10 – 20m, 20 – 50, > 50m) or Diked (< 2 hectares and isolated, < 2 hectare and connected to other patches, 2 – 20 hectare and isolated, 2 – 20 hectare and connected, > 20 hectare and isolated, > 20 hectare and connected). Howard will update the maps and database three to four times a year.

The data is based on many studies, including:

Environmental Science Associates Inc., 1991. Ecological assessment of the tidal wetland 1990 Bay Road site. Prepared for Jenkins, Sanders & Associates. 17 p.

H.T. Harvey and Associates, 1988. Mayhew's Landing saltmarsh harvest mouse trapping, winter 1988-89. Prepared for Oliver DeSilva Company. Report number 152-07. 23 p.

H.T. Harvey and Associates, 1989. Mayhew's Landing salt marsh harvest mouse trapping, winter 1988-89. Prepared for Oliver DeSilva Company. Report number 152-08. 28 p.

H.T. Harvey and Associates, 1990. San Jose Permit Assistance Program Salt Marsh Harvest Mouse Trapping Surveys Spring and Summer. Project 477-11. 55 p.

H.T. Harvey and Associates, 1991. San Jose permit assistance program salt marsh harvest mouse trapping surveys. Prepared for CH2M Hill. Report number 477-11. 57 p.

Harvey and Stanley Associates, 1985. Warm Springs International Industrial Park salt marsh harvest mouse trapping survey. Project No. 101-03. Prepared for King and Lyons.

Harvey and Stanley Associates, 1986. Warm Springs II salt marsh harvest mouse trapping report. Project No. 261-03. Prepared for LSA, Inc.

Muench, S., 1985. Salt marsh harvest mouse trapping survey Triangle Marsh, New Chicago Marsh Alviso, California. Unpublished report. 17 p.

Shellhammer, H.S., Duke, R., Harvey, H.T., Jennings, V., Johnson, V., Newcomer, M., 1988. Salt marsh harvest mice in the diked salt marshes of southern San Francisco Bay. *Wasmann Journal of Biology*, v. 46, no. 1-2, p. 89-103.

Wondolleck, J.T., Zolan, W., G.L.S., 1972. A population study of the harvest mice in the Palo Alto salt marsh. Unpublished report. 13 p.

Who produced the data set?

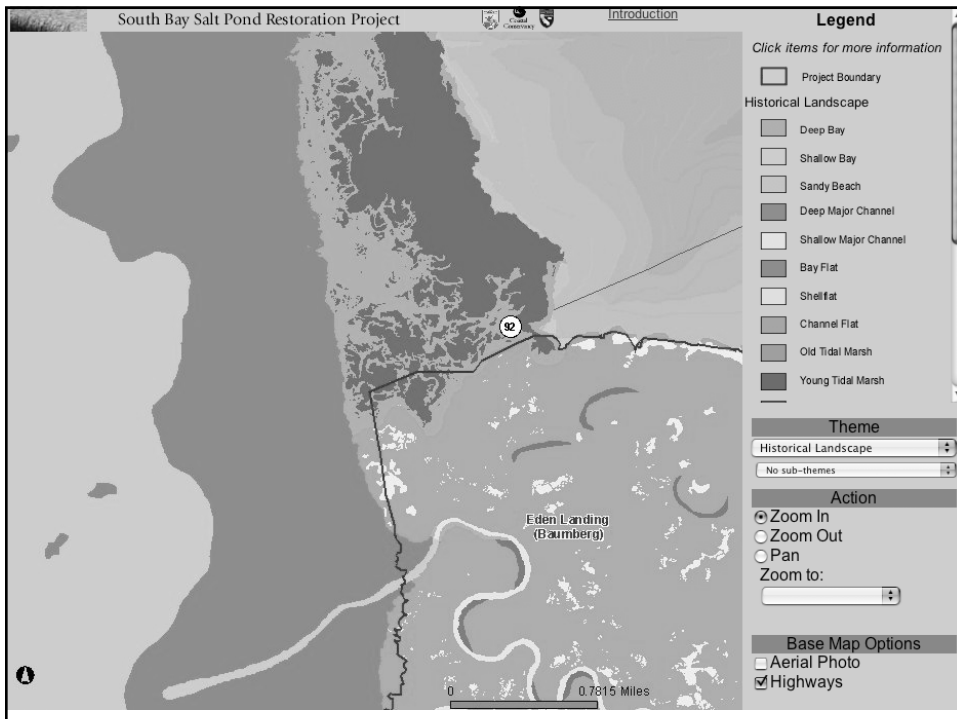
Howard Shellhammer This data was transferred from H.T. Harvey (Mark Lagarde) to SFEI (5/05).

To whom should users address questions about the data?

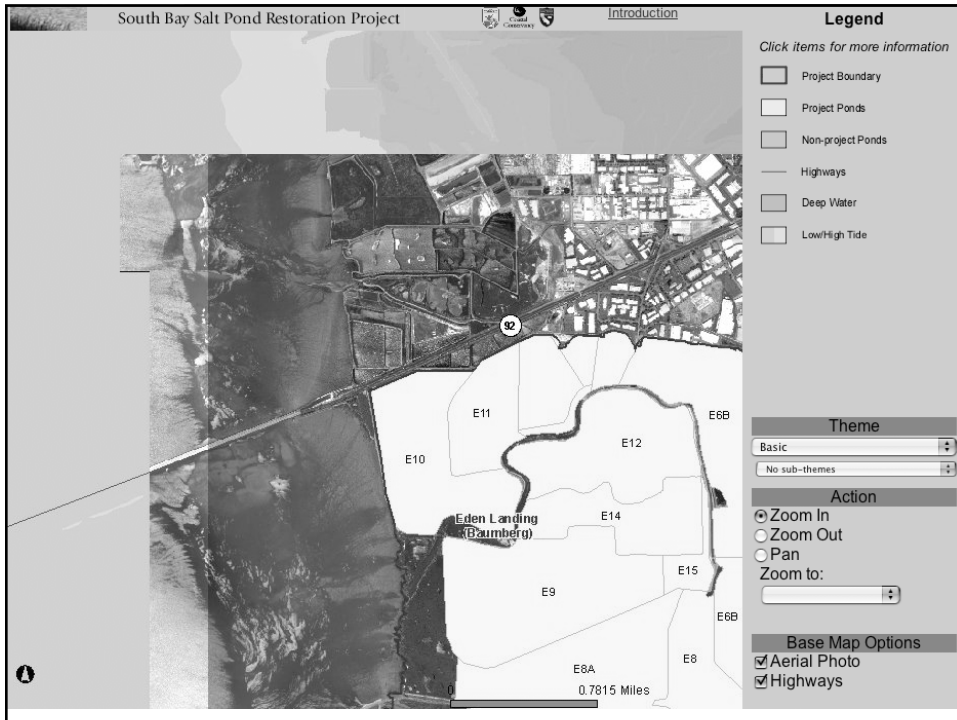
Howard Shellhammer

Who wrote the metadata?

Sarah Pearce



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Future Additions

- Topographic maps
- Better aerial photography
- Better relief map
- Oblique photography
- More contaminant information
- More layer control

20



Location

Click on "Maps" on the SBSP home page
or
www.southbayrestoration.org/interactivemap

21

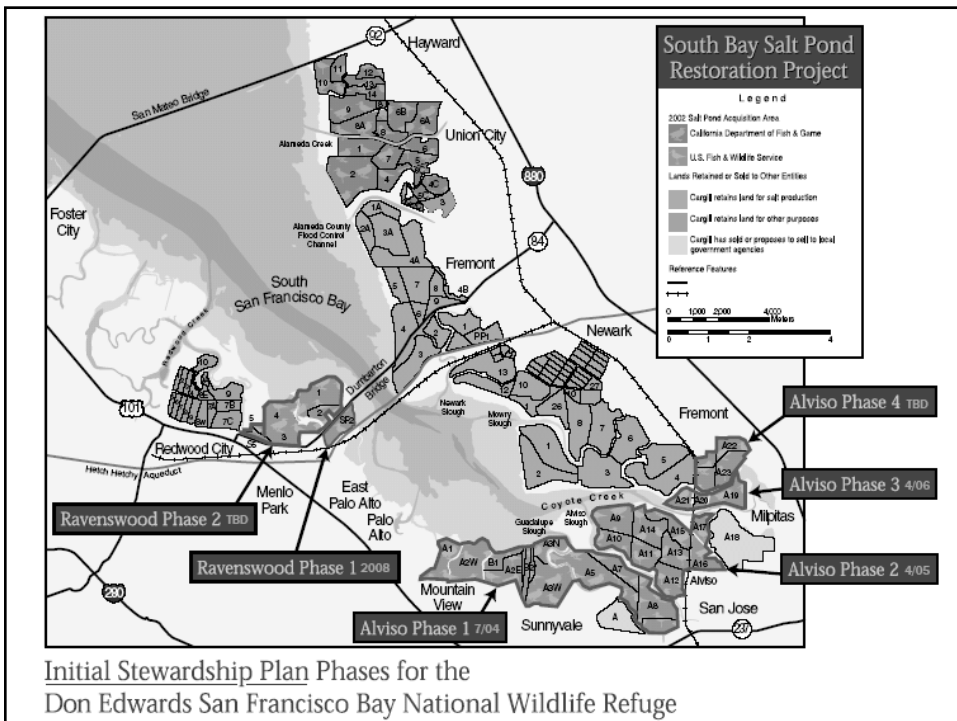
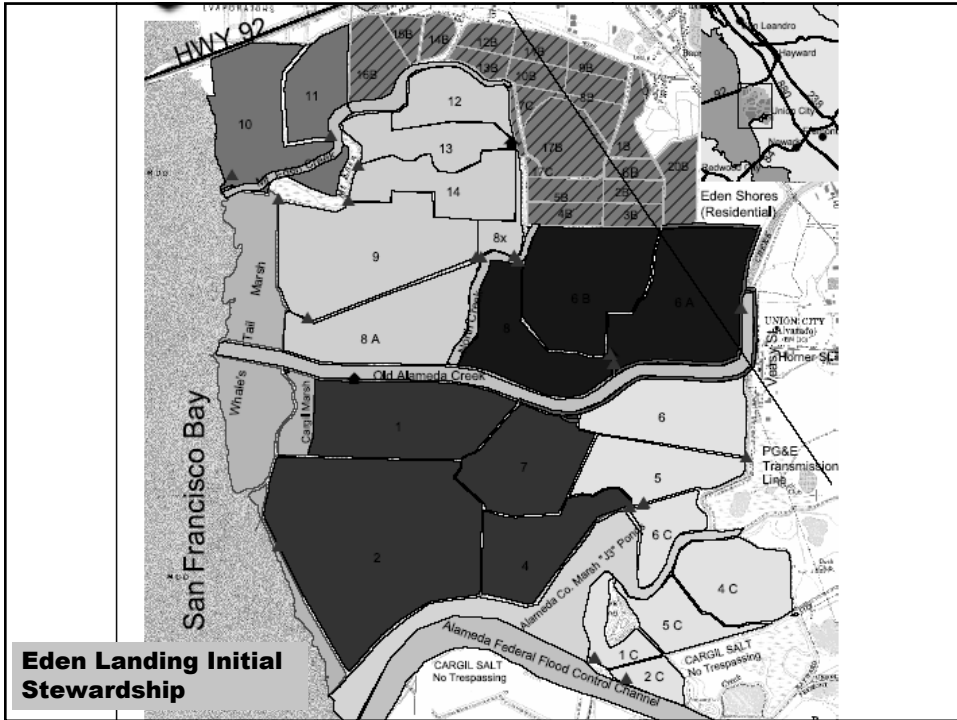



Initial Stewardship Program Update

- Carl Wilcox, DFG: Eden Landing
- Clyde Morris, FWS: Alviso & Ravenswood

22

South Bay Salt Ponds Restoration Project






Poster Tour

- Ad Hoc Working Groups
- National Science Panel Charette

25



Ad-Hoc Working Groups

- Focus on certain specific scientific issues critical to the long-term restoration design.
 1. Pond A-8
 2. Sediment
 3. Birds and Habitats
 4. Island Ponds Adaptive Management
 5. Fish and Aquatic Habitats
- Groups consisted of scientists, members of the Project Management Team, and interested stakeholders.

26



**South Bay Salt Pond
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**Forum Comments on Poster
Tour**


27



**South Bay Salt Pond
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**Public Comments
&
Lunch**


28



Determining Phase 1

- Final Alternatives will include a set of Phase 1 actions
- Could include restoration actions as well as applied studies
- What will be in Phase 1?


29



Phase 1 Selection Criteria

- **Available funding**
 - What is the amount of funding needed to carry out the action?
 - Is that funding likely to be available?
 - Who will be providing it?
- **Likelihood of success**
 - Will the action produce the desired result?
 - Will the action be likely to demonstrate progress toward achieving the Project Objectives?


30



Phase 1 Selection Criteria - Continued

- **Ease of implementation**
 - Will it be permitted in a timely manner?
 - Can construction commence in a timely manner?
- **Visibility and accessibility**
 - Will the results be visible and accessible to the public?
 - Will the results be visible and accessible to decision makers?


31



Phase 1 Selection Criteria - Continued

- **Opportunities for adaptive management and applied studies**
 - Can we implement high priority studies to answer key questions identified in the Science Plan for Long-Term Planning and the Charette Report?
 - In particular managed ponds are important to test.
- **Value in building support for Project**
 - Do the Phase 1 actions need to be distributed throughout the Project Area?

32



Phase 1 Selection Criteria - Continued

- **Certainty of investment**
 - Is there risk that the investment in capital facilities will be lost due to adaptive management changes in subsequent years?
- **Others?**

If you have any thoughts on the criteria or particular Phase 1 actions, please submit by e-mail or letter to Steve Ritchie by June 8.
sritchie@scc.ca.gov

33



Next Steps

- June 7 - Weighting and Ranking Workshop
- June 8 - Comments due on Phase 1 Criteria
- Late June or early July - Local Government Forum
- August 19 - Draft Project Alternatives Report available
- September 8 - Stakeholder Forum

34