



# South Bay Salt Pond Restoration Project

*Restoring the Wild Heart of the South Bay*

## South Bay Science Symposium 2011: Phase 1 Restoration of the South Bay

February 3, 2011  
Agenda and speaker list

8:15 Registration and coffee

**8:45 Welcome and Review of Phase 1 Key Uncertainties (15 minutes)**

*John Bourgeois*, Executive Project Manager

*Laura Valoppi*, Lead Scientist

**Session 1: Sediment Dynamics and Physical Processes (80 minutes)**

*Moderator: Dave Schoellhamer, USGS*

9:00 *Gregory Shellenbarger, USGS* – Sediment Flux in the Southern Reach of San Francisco Bay: Implications for Habitat Restoration

9:15 *Bruce Jaffe, USGS* – Mudflat Loss during South San Francisco Bay Salt Pond Restoration – Regional and Global Perspectives on Initial Post-Restoration Changes

9:30 *Brian Fulfrost, Design, Community and Environment* – Using Remote Sensing to Map the Evolution of Marsh Vegetation in the South Bay of San Francisco: methods and Results for 2009 -10

9:45 *Ron Duke, H. T. Harvey and Associates* – Cooley Landing Restoration: 10 years after

10:00 Discussion (20 minutes)

10:20 Break (15 minutes)

**Session 2: Aquatic Species (65 minutes)**

*Moderator: Korie Schaeffer, NOAA*

10:35 *Jan Thompson, USGS* – Pre- and Post- Salt Pond Restoration Assessment of Benthic Communities in South San Francisco Bay

10:50 *Isa Woo, USGS* - Temporal and Spatial Changes in Benthic Invertebrate Prey Availability on the Shoals off Pond SF2 in San Francisco Bay

- 11:05 *Jim Hobbs, UC Davis* – Monitoring the Response of Fish Assemblages to Restoration in the South Bay Salt Ponds  
11:20 Discussion (20 minutes)

**11:40 Lunch**— and view posters (80 minutes) *lunch on your own*

**Session 3: Bird Use of Changing Habitats (80 minutes)**

*Moderator: Jill Bluso-Demers, SFBBO*

- 1:00 *Arriana Brand, USGS* – Shorebird and Duck Responses to Pond Management in the South Bay Salt Ponds  
1:15 *Mark Herzog, USGS* – Reproductive Ecology of Waterbirds within the South Bay Salt Pond Restoration Project  
1:30 *Caitlin Robinson-Nilsen, SFBBO* – Determining the Effects of Habitat Enhancements on Predators for Western Snowy Plover  
1:45 *Lynne Trulio, SJSU*– Nesting Snowy Plover Response to New Trail Use  
2:00 Discussion (20 minutes)
- 2:20 Break (15 minutes)

**Session 4: Constraints on Marsh Restoration (80 minutes)**

*Moderator: Laura Valoppi, Lead Scientist*

- 2:35 *Peggy Olofson, SF Estuary ISP* – Restoration and Control of Invasive *Spartina* in the San Francisco Estuary  
2:50 *Cheryl Strong, USFWS* - The California Gull: Challenges and Opportunities for Restoration  
3:05 *Mark Marvin-DiPasquale, USGS* - The Effects of Wetland Restoration on Mercury Bioaccumulation in the South Bay Salt Pond Restoration Project: Using the Biosentinel Toolbox to Monitor Changes Across Multiple Habitats and Spatial Scales  
3:20 *John Takekawa, USGS* – Sea-level Rise Effects on Salt Marshes and Endemic Wildlife of San Francisco Bay  
3:35 Discussion (20 minutes)

*Stretch break*

**3:55 Summary (20 minutes):**

What we have learned and where we are going.  
*John Bourgeois and Laura Valoppi*

4:15 - 7:00 Reception and poster session