



# South Bay Salt Pond Restoration Project

*Restoring the Wild Heart of the South Bay*

## **South Bay Science Symposium 2013:** **Adaptive Management in Action**

**Tuesday, July 16, 2013**  
**Agenda and speaker list**

**8:15 Registration and coffee**

**8:30 10 Year Anniversary – Science Tribute (15 minutes)**

**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 – (85 minutes)**

*Moderator: Pat Showalter, Santa Clara Valley Water District*

9:00 Introduction of topic

9:05 *Dave Schoellhamer, USGS* – Does Central Valley runoff control sediment supply to South San Francisco Bay?

9:20 *Evyan Borgnis, SFU* – Sediment Dynamics and Vegetation Recruitment in Newly Restored Salt Ponds

9:35 *Bruce Jaffe, USGS* – Restoration with Accelerated Sea Level Rise—Sediment Limited?

9:50 *Eric Mruz, USFWS* – Getting ahead of Sea Level Rise: use of upland fill material

10:05 Discussion (20 minutes)

10:25 Break (15 minutes)

### **Session 2: Mercury Remobilization and Bioaccumulation (85 minutes)**

*Moderator: Laura Valoppi, U.S. Geological Survey*

10:40 Introduction of topic

10:45 *Josh Ackerman, USGS* – The South Bay Mercury Project: Using Biosentinels to Monitor Effects of Wetland Restoration for the South Bay Salt Pond Restoration Project

11:00 *Darrel Slotton, UC Davis* - The South Bay Mercury Project: Using Small Fish in Alviso Slough to Monitor Downstream Effects of Wetland Restoration in the South Bay Salt Ponds

- 11:15 *Mark Marvin DiPasquale, USGS* – An Examination of Mercury Mobilization and Transformation Associated With Wetland Restoration in South San Francisco Bay
- 11:30 *John Bourgeois, SCC* – Changes in Management of Pond A8 in Response to Mercury Results
- 11:45 Discussion (20 minutes)

**12:05 Lunch**— and view posters (55 minutes) *lunch on your own; meals for purchase will be provided*

**Session 3: Bird Use of Pond Habitats (100 minutes)**

*Moderator: Anne Morkill, U.S. Fish and Wildlife Service*

- 1:00 Introduction of topic
- 1:05 *John Takekawa, USGS* – Waterbird Response to Pond Management
- 1:20 *Catherine Burns, SFBBO* – California Gull Population Growth and Response to Pond A6 Breach
- 1:35 *Christina Donehower, SFBBO* – Monitoring Western Snowy Plovers in South Bay Salt Ponds: recent results and future research needs
- 1:50 *Jana Sokale, Consultant*— Balancing Waterbird Protection and Public Access
- 2:05 *Cheryl Strong, USFWS* – Changes in Management of Ponds in Response to Bird Research Results
- 2:20 Discussion (20 minutes)
  
- 2:40 Break (15 minutes)

**Session 4: Bird Use of Islands (85 minutes)**

*Moderator: Cheryl Strong, U.S. Fish and Wildlife Service*

- 2:55 Introduction of topic
- 3:00 *Alex Hartman, USGS* – Factors Influencing Breeding Waterbird Use of Islands in San Francisco Bay
- 3:15 *Lacy Smith, USGS* – Migratory and Wintering Waterbird Use of Islands within the South Bay Salt Ponds
- 3:30 *Stacy Moskal, USGS* – Response of Waterbirds to Salt Pond Enhancements and Island Creation in the San Francisco Bay
- 3:45 *John Krause, CDFW* – E12-E13 Design Revisions, Informed by Science, Implemented in Design and Construction: Island Design and foraging/roosting enhancements
- 4:00 Discussion (20 minutes)

**4:20 Summary (20 minutes):**

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

**4:40 - 7:00 pm Reception and poster session**