

# THE SAN FRANCISCO BAY-DELTA ESTUARY: *Changes and Challenges*

Tuesday, October 21

- 9:00 AM** *Welcome*  
Larry Kolb, Chairman, Implementation Committee,  
SF Bay RWQCB
- 9:05** **Celebrating the San Francisco Estuary Project  
and the Tenth Anniversary of the CCMP**  
Will Travis, SFEP Implementation Committee, BCDC
- 9:15** **San Francisco Bay-Delta: Portrait of an Estuary**  
John Hart, writer, and David Sanger, photographer
- 9:45** **The Explosion of New Scientific Knowledge  
about the Estuary**  
Sam Luoma, CA Bay Delta Authority and USGS
- 10:05** *Break*
- 10:20** **Adapting Management to Changing  
Environmental Conditions**  
Loretta Barsamian, SF Bay RWQCB
- 10:40** **Establishing Indicators of Estuarine Health:  
Progress and Challenges**  
Anitra Pawley, The Bay Institute, and Bruce Thompson, SFEI
- 11:10** **The Challenge of Garnering Public Support**  
John Wise, U.S. EPA (retired)
- 11:30** *Keynote Address: The Ocean/Estuary  
Interface: Protecting Our Aquatic Resources*  
Leon Panetta, Director, The Panetta Institute  
and Chairman, Pew Oceans Commission
- 12:00 PM** *Lunch*

## **The Evolving Challenge of Water Quality Management in the Bay:**

**Cleaning Up Old Problems  
While Preventing New Ones**  
Session Co-Chairs: Larry Kolb,  
SF Bay RWQCB and Mike Connor, SFEI

- 1:00 PM** **Status of Contaminants**  
Larry Kolb, SF Bay RWQCB

## **Problems From the Past— Legacy Pollutants**

- 1:20 PM** **The Biological Legacy of Mercury  
Contamination: Implications of Methyl-  
mercury Bioaccumulation for Estuarine Birds  
in SF Bay**  
Steve Schwarzbach, USGS
- 1:45** **Ecosystem Response to Pollution Abatement:  
The Case of Lead**  
Russ Flegal, UCSC
- 2:10** **Choosing a Future: The Long-Term Fate of  
Persistent Chemicals in San Francisco Bay**  
Jay Davis, SFEI
- 2:35** **Legacy Pollutant Science and the SF Bay Clean  
Water Act: A Strategy for Developing Total  
Maximum Daily Load Allocations**  
Dyan Whyte, SF Bay RWQCB
- 3:00** *Break*

## **Current Problems— Urban and Agricultural Runoff**

- 3:15 PM** **Genotoxic Effects in Fish Associated  
with Agricultural Runoff in the  
San Joaquin River** Susan Anderson, UC Davis
- 3:40** **Our Changing Understanding of the  
Importance of Tributary Stormwater Loads  
to Baywide Contamination** Lester McKee, SFEI
- 4:05** **Stormwater Contamination: Simple Things  
that Work** Keith Lichten, SF Bay RWQCB

## **Preventing Future Problems— What's on the Horizon?**

- 4:30 PM** **The Risk posed by Flame Retardants.**  
Tom McDonald, CA OHEA
- 4:55** **Tracking Tissue Contaminants. Humans as  
Canaries for the Ecosystem.**  
Kim Hooper, Cal EPA (invited)
- 5:20** **The Looming Threat of Endocrine Disrupters**  
Tracy Collier, NMFS
- 5:45** *Adjourn*
- 5:45–7:45** *Poster Session/Reception*

Wednesday, October 22

## **Habitat Restoration and Enhancement Accomplishments and New Science**

Session Co-Chairs: Mike Monroe, US EPA, and Nadine Hitchcock,  
CA Coastal Conservancy

- 8:30 AM** **Introduction/Overview**  
Mike Monroe, US EPA
- 8:50** **Habitats in the Hub: An Overview of Delta  
Restoration**  
Lauren Hastings, CA Bay Delta Authority
- 9:10** **The Status of Wetland Restoration Efforts in  
the Baylands**  
Stuart Siegel, Wetlands & Water Resources
- 9:30** **Restoring Eelgrass in Central Bay**  
Keith Merkel, Merkel & Associates
- 9:50** **Riparian Restoration around the Bay**  
Ann Riley, SF Bay RWQCB
- 10:10** **CCMP Awards**  
Ted Smith, Friends of the SF Estuary
- 10:30** *Break*
- 10:45** **Steelhead and Habitat Improvements**  
Rob Leidy, US EPA
- 11:05** **Bay Fishes and Tidal Marshes**  
Kathy Hieb, DFG
- 11:25** **Restoration Effects on SF Bay Shorebirds and  
Waterfowl**  
Nils Warnock, PRBO Conservation Science
- 11:45** **Snowy Plover Management Challenges in San  
Francisco Bay**  
Joy Albertson, FWS
- 12:05 PM** *Lunch*

## Habitat Restoration and Enhancement Challenges and Opportunities

- 1:00 PM Public Access and Wildlife** *Caitlin Sweeney, BCDC*
- 1:20 Miasma Revisited: Will wetland restoration kill you?** *Karl Malamud-Roam, Contra Costa Mosquito and Vector Control District*
- 1:40 Tidal Restoration in Weedy Wetlands: Past, Present and Future** *Peter Baye, Coastal Plant Ecologist*
- 2:00 Citizen Involvement and Benefits to Restoration** *David Lewis, Save SF Bay Assn.*
- 2:20 Funding Restoration: Strategies and Partnerships** *Marc Holmes, The Bay Institute*
- 2:40 Break**

## Restoration Lessons Learned

- 3:00 PM Predicting the Evolution of Bay Habitats** *Phil Williams, PWA*
- 3:30 Hills to the Bay: Lessons learned from Restoration** *Jeff Haltiner, PWA*
- 4:00 Long-Term Monitoring: Results and Lessons Learned in an Early Tidal Marsh Restoration Design** *Phyllis M. Faber, Phyllis M. Faber & Associates*
- 4:30 San Francisco Bay Salt Ponds: Long-Term Restoration Planning** *Amy Hutzler, CA Coastal Conservancy*
- 5:00 Adjourn**
- 5:00-7:30 Poster Session/Gala CCMP 10th Anniversary Reception**

**Thursday, October 23**

## The Estuary and California Water Management

Session Co-Chairs: *Tim Ramirez, California Resources Agency, and Diana Jacobs, DFG*

- 8:30 AM The Big Picture: The Estuary's Role in Statewide Water Management** *Tim Ramirez, CA Resources Agency*
- 8:45 The Estuary's Connection to the Colorado River and the Significance of taking a Regional Approach to Water Management** *Patrick Wright, California Bay Delta Authority*
- 9:15 The Estuary and Southern California—Developing a Reliable Water Supply Portfolio** *Tim Quinn, Metropolitan Water District of Southern California*
- 9:45 Californians can keep water in the Estuary AND meet future demands by water recycling** *Jonas Minton, DWR and Co-Vice Chair of the California Recycled Water Task Force*
- 10:15 Break**

## The Estuary and Proposed Changes to State Water Project Operations

- 10:30 AM Can we pump more water from the Estuary AND still protect the environment?** *Diana Jacobs, DFG*
- 10:45 An Urban Water Perspective** *Steve Macaulay, California Urban Water Agencies*
- 11:05 An Environmental Perspective** *Spreck Rosekrans, Environmental Defense*
- 11:25 An Agricultural Perspective** *Tom Clark, Kern County Water Agency*
- 11:45 How do we resolve these issues and move forward?** *Jerry Johns, California Department of Water Resources*
- 12:00 PM Lunch**

## Water Management and Freshwater Flow

- 1:00 PM Central Valley River Ecosystems: Are floods really water "wasted" to the sea?** *Jeff Mount, UCD*
- 1:20 Tides and Hydrodynamics in the Estuary** *Jon Burau, USGS*
- 1:40 Biological Response to Wetland Restoration: Are we making a difference?** *Denise Reed, Univ of New Orleans*
- 2:00 The Protection of the Estuary's Native Aquatic Species: Can we separate influences of human activities from effects of natural cycles?** *Bill Bennett, UCD*
- 2:20 The Restoration of Central Valley Chinook Salmon and Steelhead—Advice to California** *Jim Anderson, Univ of Wash*
- 2:40 Break**
- 3:00 The Estuary and California Water Management—Can we support California's growing economy with a new approach to water management?** *Gary Wolff, Pacific Institute*
- 3:20 The 2003 California Water Plan (Bulletin160)—a Water Plan for California for the next Five Years** *Kamyar Guivetchi, DWR*
- 3:40 The role of the California Legislature in Water Management and the San Francisco Estuary** *CA Senator Mike Machado and CA Assemblymember Joe Canciamilla*
- 4:15 Closing/Adjourn**

### Registration Form (please print)

(adult/student)

**Three days: October 21, 22, 23** **\$190/95** \_\_\_\_\_

**Two days: October 21, 22, 23** (circle two) **\$160/80** \_\_\_\_\_

**One day: October 21, 22, 23** (circle one) **\$80/40** \_\_\_\_\_

**TOTAL AMOUNT** \_\_\_\_\_

**Food Preference: Regular or Vegetarian** (circle one)

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Complete the registration form and mail it with your registration fee to the San Francisco Estuary Project, 1515 Clay Street, Suite 1400, Oakland, CA 94612. Phone: (510) 622-2465 Fax: (510) 622-2501. Make check payable to SFEP/ABAG. Registration includes breaks, lunches, receptions (Oct. 21 and 22), Abstract Book, Environmental Report Card, and State of the Estuary Report. A confirmation letter will be sent upon receipt of reservation form. Refunds for cancellation will be given if requested by October 10, 2003. No refunds will be given after that date. Group rates are available.

**To Register Online** [http://www.abag.ca.gov/events/estuary\\_state](http://www.abag.ca.gov/events/estuary_state)

For conference updates, directions, and lodging information, please check the Web site.

## 6th Biennial State of the Estuary Conference

# THE SAN FRANCISCO BAY-DELTA ESTUARY: *Changes and Challenges*

### Sponsors

San Francisco Estuary Project  
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Science Program  
Friends of the SF Estuary  
San Francisco Bay RWQCB  
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Save SF Bay Association  
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Silicon Valley Pollution Prevention Center  
The Bay Institute  
Urban Creeks Council of California  
U.S. Army Corps of Engineers  
U.S. Bureau of Reclamation  
Water Education Foundation

**October 21, 22, and 23, 2003**

**Henry J. Kaiser Convention Center**

**10 Tenth Street, Oakland**

**All three days—\$190**

**Two days—\$160**

**One day—\$80**

Registration includes breaks, lunches, receptions (Oct. 21 and 22), Abstract Book, Environmental Report Card, and State of the Estuary Report.

For more information about the conference or to be placed on the mailing list write/contact: San Francisco Estuary Project, 1515 Clay Street, Suite 1400, Oakland, CA 94612. Phone: (510) 622-2465. Fax: (510) 622-2501.

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The third biennial CALFED Science Conference will held at the Sacramento Convention Center on October 4–6, 2004.