



SAN FRANCISCO BAY SECTION  
California Water Environment Association

Join Us for a Free Guided Tour  
Of the Bay-Delta Model



Tour & Networking: 1:15 - 4:00 pm

## CWEA San Francisco Bay Section Young Members Forum Event

Wednesday, November 9, 2011

**WHERE: Bay Model Visitor Center**

**ADDRESS: 2100 Bridgeway, Sausalito, 94965**

**SITE PHONE: 415.332.3871**

Networking and food provided at a nearby restaurant after the tour.

The Model provides engineers, scientists, educators, and citizens interested in San Francisco Bay and the **Bay-Delta Model** a unique opportunity to view the complete bay-delta system at a glance. The Center gives an introduction and provides an overview of the system.  
(see reverse for more detail...)

Learn/Make New Contacts!

Fun! Fun! Fun! Fun!

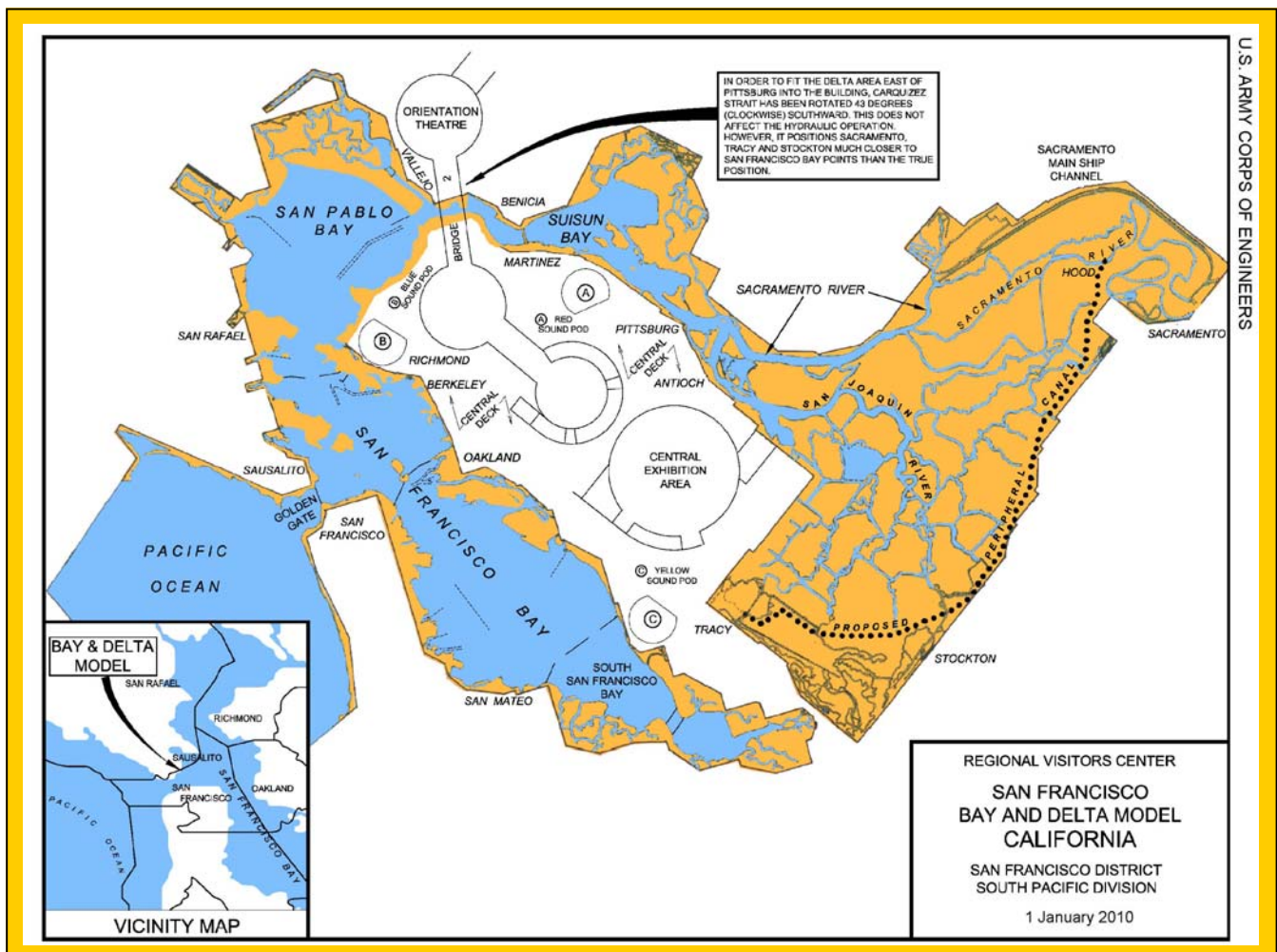
\*RSVP REQUIRED BY 10/31/11:

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or 415-920-4768





## What is “The California Delta”?

The **California Delta** is located roughly between Sacramento on the north and Stockton on the south and encompasses about 1,000 miles of waterways. The main contributing rivers are the Sacramento River, coming in from the north, and the San Joaquin River, coming in from the south. Other rivers feeding into the two major rivers include the American River, the Mokelumne River, the Cosumnes River, and the Calaveras River. This labyrinth of rivers eventually empties into the Pacific Ocean through the San Francisco Bay. “It is through the channels of the Delta that [...] water must pass to satisfy the needs of the Delta, the agricultural lands of the San Joaquin Valley, the San Francisco Bay area and the densely populated southlands.”

The Sacramento-San Joaquin Delta is a region where two of California's largest rivers meet. Freshwater from the rivers mingles with saltwater from the Pacific Ocean, creating the West Coast's largest estuary. The Delta is the hub of the State's water distribution system, and about two-thirds of all Californians and millions of acres of irrigated farmland rely on the Delta for water.

## What is “The Bay Model”?

The **Bay Model** is a three-dimensional hydraulic model of San Francisco Bay and Delta areas capable of simulating tides and currents. The Model is over 1.5 acres in size and represents an area from the Pacific Ocean to Sacramento and Stockton, including: the San Francisco, San Pablo, and Suisun Bays and a portion of the Sacramento - San Joaquin Delta.

### References:

- \* [http://www.spn.usace.army.mil/bmvc/teachers/teacher\\_guide/6.html](http://www.spn.usace.army.mil/bmvc/teachers/teacher_guide/6.html)
- \* <http://www.water.ca.gov/swp/delta.cfm>
- \* <http://www.spn.usace.army.mil/bmvc/bmjourney/bmj.html>