

*The Delta Science Program, Ecosystem Restoration Program & Surface Water Ambient Monitoring Program Jointly Present one in a series of Brown Bag Seminars - "Know the DISB"**

"Know the Delta ISB" Seminar

Adaptive Approaches to Wetland Restoration in Southern California



Dr. Joy B. Zedler, Delta ISB Member

**Professor of Botany
Aldo Leopold Chair
in Restoration Ecology
University of Wisconsin-Madison**

**Thursday, August 13, 2015
12:00 – 1:00 p.m.
Park Tower Building
2nd Floor Conference Room
980 Ninth St.
Sacramento, CA 95814**

How can we integrate learning and restoration?

Dr. Joy Zedler, the newest renowned scientist to join the Delta Independent Science Board (Delta ISB), will discuss research that improved habitat for endangered species in San Diego Bay and salt marsh ecosystems in the Tijuana Estuary.

The restoration of habitat for salt marsh bird's beak (an annual hemiparasitic plant), the light-footed clapper rail (a resident bird of southern California salt marshes), now called Ridgway's rail, and the California least tern (a migratory fish-eating bird) in San Diego Bay were all early examples of the application of adaptive management. Dr. Zedler will share experiences of her team, the Pacific Estuarine Research Lab, on evaluating efforts to mitigate impacts of freeway widening and flood-control-channel construction on these species.

Later efforts to restore salt marshes at the Tijuana Estuary evolved into adaptive restoration with sequential phases designed as field experiments that encompassed entire restoration sites, allowing for "learning while restoring."

*** "Know the Delta ISB" seminars introduce the community to the scientific interests of Delta Independent Science Board members.**