

CALFED Brown Bag Seminar Series Presents

The Small Fish Biosentinel Mercury Monitoring Program: Feedback Tool for Restoration and Remediation



**By
Darell Slotton, Ph.D.
UC Davis**

**Tuesday, August 14 – 12 noon to 1 p.m.
Delta Room -- 650 Capitol Mall -- 5th Floor**

Wetland restoration is an environmental benefit in countless ways, but one potential downside is the link between wetlands and the production of toxic methylmercury, which can accumulate to dangerous levels in fish. UC Davis has worked for more than 15 years to develop and refine the use of naturally occurring small fish as sensitive indicators of methylmercury exposure, assisted by three CALFED-funded grants.

Through this work, Dr. Slotton will explain where and when methylmercury is moving into fish and the food web, how bio-sentinel fish data can provide sensitive feedback for wetland restoration and mercury cleanup efforts, and what that feedback has recently uncovered about restoration and mercury in the Bay-Delta system. He will offer a summary of lessons learned and answer audience questions.

The seminar is intended for CALFED agency staff and any interested persons who would like to learn more about the Delta in an informal setting. Please bring your own lunch.

An educational series dedicated to ideas for California's Delta

Please allow **extra time** for parking and security screening procedures at 650 Capitol Mall. Current photo identification is required. Cameras and cell phones with camera capability are prohibited without prior written review and approval from CBDA, Federal Protective Service and GSA Property Management for the 650 Capitol Mall building. Please contact Terry Smith at the California Bay-Delta Program at (916) 445-5345 or tsmith@calwater.ca.gov for building access information.