



UC**DAVIS** & THE DELTA SCIENCE PROGRAM PRESENT

# MEETING NATURE HALFWAY ON A FLOODWAY

THE **YOLO BYPASS** AS A **RECONCILED ECOSYSTEM**

A SCIENCE SYMPOSIUM  
Free and open to the public

TUESDAY, DEC. 9, 2014  
UC DAVIS CONFERENCE CENTER  
BALLROOM B  
9 AM - 5 PM

The Delta Science Program

UC Davis Center For Aquatic  
Biology & Aquaculture (CABA)

UC Davis Center for  
Watershed Sciences



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UC Davis Conference Center, Ballroom B  
Dec. 9, 2014

## PROGRAM

A grand experiment in species conservation is underway on the Yolo Bypass, a farmed floodway of the Sacramento River. Rather than *restore* the engineered floodplain to some natural state, researchers are exploring possibilities of a *re-engineered* human-dominated landscape that allows native species to coexist. Engineers, ecologists and economists discuss how habitat for fish and fowl might be reconciled with floods and farming.

- 9 - 9:10            *Opening Remarks.* **Peter Goodwin**, Delta Science Program
- 9:10 - 9:20        *Overview of Management and Habitat on the Yolo Bypass*  
**Jay Lund**, UC Davis Center for Watershed Sciences
- 9:20 - 10          *The Accidental Model: the Yolo Bypass and the Multiple Benefits of Floodplain Reconnection.* **Jeff Opperman**, Great Rivers Partnership, The Nature Conservancy
- 10 - 10:25        Yolo Bypass Issues and Hopes. **Petrea Marchand**, Consero Solutions
- 10:25 - 10:45    **BREAK**
- 10:45 - 11:10     *Past, Present and Future Roles of the Yolo Bypass in Flood Management*  
**Michael Mierzwa**, California Department of Water Resources
- 11:10 - 11:35     *Balancing Competing Interests: Insights From Hydraulic Modeling*  
**William A. Fleenor**, UC Davis Center for Watershed Sciences
- 11:35 - 12        *Agricultural Economics.* **Richard Howitt**, UC Davis Center for Watershed Sciences
- 12 - 1:15         **LUNCH**
- 1:15 - 1:40        *Native Fishes and Managed Floodplains: Mimicking Natural Processes*  
**Ted Sommer**, California Department of Water Resources
- 1:40 - 2:05        Yolo Bypass, Waterfowl and the Pacific Flyway. **Greg Yarris**, Central Valley Joint Venture, U.S. Fish & Wildlife Service
- 2:05 - 2:30        The Mercury Mêlée: Costs vs. Benefits of Methylmercury Controls in Delta Floodplains.  
**Stephen McCord**, McCord Environmental
- 2:30 - 2:45        **BREAK**
- 2:45 - 3:10        *Integrated Management.* **Robyn Suddeth**, CH<sub>2</sub>MHILL
- 3:10 - 4:10        *Panel Discussion: How Do We Reconcile Competing Interests on the Yolo Bypass?*  
**John Brennan**, Cal Marsh & Farm Ventures; **Cindy Tuttle**, Yolo County;  
**Robin Kulakow**, Yolo Basin Foundation; **Kris Tjernell**, California Natural Resources Agency; **Jacob Katz**, California Trout
- 4:10 - 4:15        *Closing Remarks.* **Jay Lund**, UC Davis Center for Watershed Sciences