

## OVERVIEW

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.

## WEBSITES

**William A. Fleenor**

<https://watershed.ucdavis.edu/people/william-fleenor>

**Richard Howitt**

<https://watershed.ucdavis.edu/people/howitt>

**Jay Lund**

<https://watershed.ucdavis.edu/people/jay-r-lund>

**Petrea Marchand**

<http://www.conserosolutions.com/#!biography/cjg9>

**Stephen McCord**

<http://www.mccenv.com/Pages/aboutus.aspx>

**Michael Mierzwa**

<https://www.linkedin.com/pub/michael-mierzwa/13/865/9a6>

**Jeff Opperman**

<http://www.nature.org/newsfeatures/pressreleases/media/nature-conservancy-experts-lakes-and-rivers-jeff-opperman.xml>

**Ted Sommer**

<http://www.water.ca.gov/aes/staff/sommer.cfm>

**Robyn Suddeth**

<https://www.linkedin.com/pub/robyn-suddeth/5/951/78>

**Greg Yarris**

<https://www.linkedin.com/pub/greg-yarris/a/279/aab>

**Delta Science Program**

<http://deltacouncil.ca.gov/science-program>

**UC Davis Center for Aquatic Biology & Aquaculture**

<http://www.caba.ucdavis.edu>

**UC Davis Center for Watershed Sciences**

<http://www.watershed.ucdavis.edu>

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UC Davis Center for Aquatic Biology & Aquaculture  
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## Meeting Nature Halfway on a Floodplain: The Yolo Bypass as a Reconciled Ecosystem



December 9, 2014

9:00 a.m. — 4:15 p.m.

UC Davis Conference Center, Ballroom B

## MORNING

- 9:00 a.m. *Opening Remarks*  
**Peter Goodwin**, Delta Science Program
- 9:10 a.m. *Overview of Management and Habitat on the Yolo Bypass*  
**Jay Lund**, UC Davis Center for Watershed Sciences
- 9:20 a.m. *The Accidental Model: The Yolo Bypass and the Multiple Benefits of Floodplain Reconnection*  
**Jeff Opperman**, Great Rivers Partnership, The Nature Conservancy
- 10:00 a.m. *Yolo Bypass Issues and Hopes*  
**Petrea Marchand**, Consero Solutions
- 10:25 a.m. Break (refreshments provided)
- 10:45 a.m. *Past, Present and Future Roles of the Yolo Bypass in Flood Management*  
**Michael Mierzwa**, California Department of Water Resources
- 11:10 a.m. *Balancing Competing Interests: Insights From Hydraulic Modeling*  
**William A. Fleenor**, UC Davis Center for Watershed Sciences
- 11:35 a.m. *Agricultural Economics*  
**Richard Howitt**, UC Davis Center for Watershed Sciences
- 12:00 p.m. Lunch

## AFTERNOON

- 1:15 p.m. *Native Fishes and Managed Floodplains: Mimicking Natural Processes*  
**Ted Sommer**, California Department of Water Resources
- 1:40 p.m. *Yolo Bypass, Waterfowl and the Pacific Flyway*  
**Greg Yarris**, Central Valley Joint Venture, U.S. Fish and Wildlife Service
- 2:05 p.m. *The Mercury Mêlée: Costs vs. Benefits of Methylmercury Controls on Delta Floodplains*  
**Stephen McCord**, McCord Environmental Inc.
- 2:30 p.m. Break (refreshments provided)
- 2:45 p.m. *Integrated Management*  
**Robyn Suddeth**, CH2M Hill
- 3:10 p.m. *Panel Discussion: How Do We Reconcile Competing Interests on the Yolo Bypass?*  
**John Brennan**, Cal Marsh & Farm Ventures  
**Jacob Katz**, California Trout  
**Robin Kulakow**, Yolo Basin Foundation  
**Kris Tjernell**, California Natural Resources Agency  
**Cindy Tuttle**, Yolo County
- 4:10 p.m. *Closing Remarks*  
**Jay Lund**, UC Davis Center for Watershed Sciences