

## CALFED Brown Bag Seminar Series Presents:

### Riparian Restoration in California's Central Valley: Avian Responses and Implications of Climate Change



**Chrissy Howell, PhD**  
**12 p.m., December 9, 2008**  
**CALFED Delta Room**  
**650 Capitol Mall, 5<sup>th</sup> Floor**  
**Sacramento, CA**

In California's Central Valley, riparian habitat has been severely degraded by agricultural development, urbanization and hydrological modifications, resulting in the loss of more than 90 percent of the historic riparian habitat. Riparian areas are important for wildlife because they provide breeding, migration and wintering habitat, and connect aquatic resources with terrestrial systems. The need to prepare ecosystems for climate change has increased the urgency of undertaking riparian restoration.

Since 1993, PRBO Conservation Science has been conducting studies to evaluate and enhance restoration activities designed to improve wildlife habitat. In the Sacramento Valley, PRBO has measured the response of birds to different restoration designs and recommended restoration practices that will benefit avian communities. In the San Joaquin Valley, PRBO is using bird monitoring to evaluate one of the most ambitious riparian restoration efforts in North America. Dr. Howell will discuss these projects, as well as how riparian restoration can enhance the resilience of these ecosystems to climate change.

#### **An educational series dedicated to ideas for California's Delta**

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