

CALFED Science Program Brown Bag Series Presents

Estimating Route-Specific Survival and Distribution of Juvenile Salmonids Migrating through the Sacramento-San Joaquin River Delta

Russell Perry, CALFED Science Fellow



The complex hydrology of the Delta makes it difficult to clearly identify the effects of water management actions on survival and recovery of endangered juvenile salmon populations. To learn more, Russell Perry, a CALFED Science Fellow, is developing a mark-recapture model that will estimate parameters of population distribution through the Delta, survival probabilities of juvenile salmonids using different migratory pathways, and overall survival properties of the population migrating through the Delta. Under this framework, researchers will gain better understanding of population-level responses to changes in water distribution, and resource managers will gain better information for important decisions affecting water resources in the Delta. In this Brown Bag seminar, Russell will discuss his latest research findings.

Please allow extra time for parking and security 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 Caprice Shular at the California Bay-Delta Program at (916)445-5387 or cshular@calwater.da.gov for building access information.