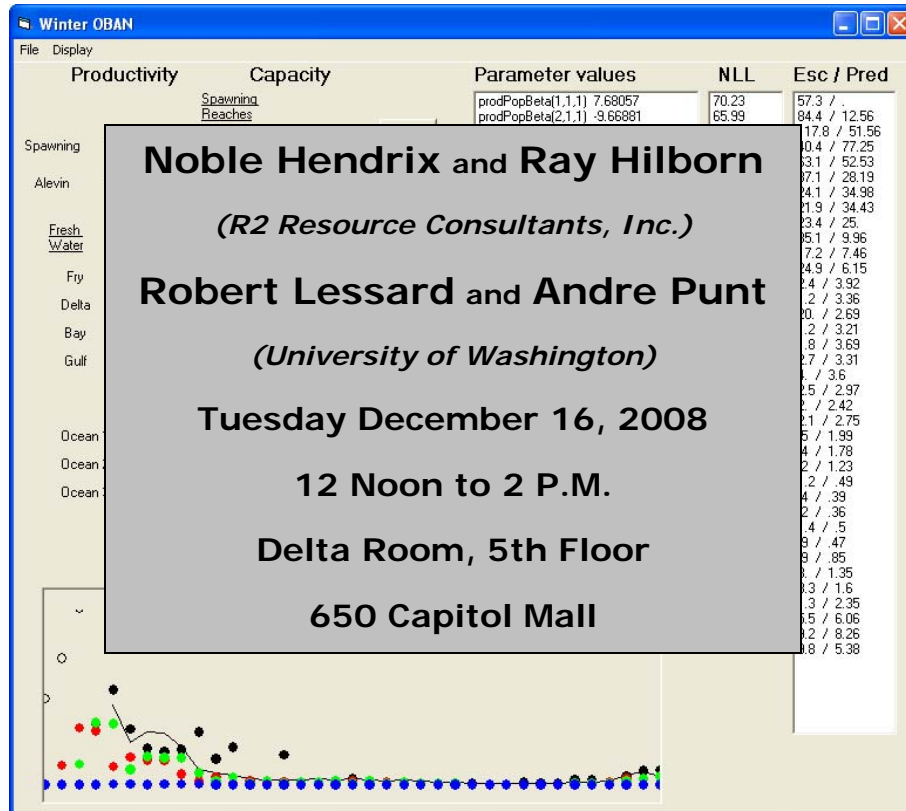


# CALFED Science Program Brown Bag Series Presents

## A Statistical Model of Central Valley Chinook Salmon Incorporating Uncertainty Oncorhynchus Bayesian Analysis (OBAN)



Dr. Hendrix and his colleagues will present a statistical modeling approach to the two Central Valley Chinook salmon species-at-risk (winter and spring run) that incorporates mortality in all phases of salmon life history, and includes the effects of uncertainty in assessing population status. They will present the winter OBAN model, which is a user-friendly framework for exploring factors hypothesized to affect winter run population dynamics. For example, much of the variability in winter run abundance can be explained by temperature during egg incubation and indices of harvest. Other factors that will be discussed include: access to rearing in Yolo Bypass, exports during the outmigration period, striped bass adult abundance indices, and near-shore ocean conditions.

Dr. Hendrix and his colleagues will also be available after the brown bag to provide a demo of the winter OBAN model. For more information on OBAN please visit [www.r2usa.com/oban](http://www.r2usa.com/oban).

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](mailto:tsmith@calwater.ca.gov) for building access information.