

*The Delta Science Program, Ecosystem Restoration Program & Surface Water Ambient Monitoring Program
Jointly Present a Brown Bag Seminar Series*

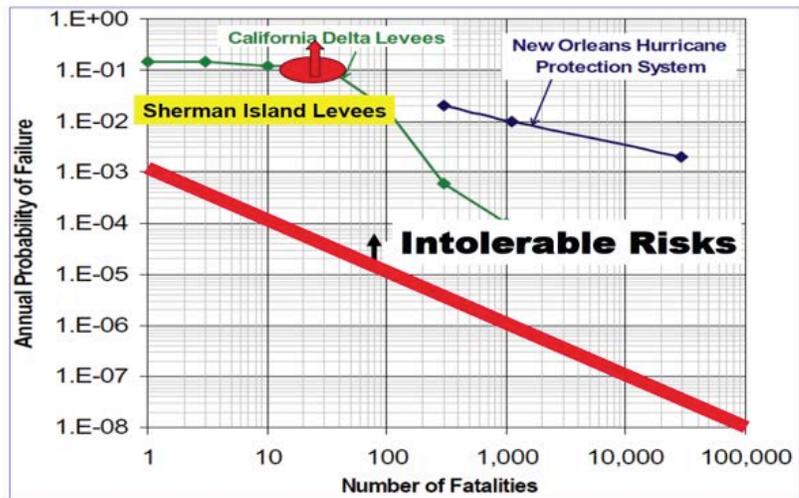
Resilient and Sustainable Delta Infrastructure Quantifying Risks to Integrated Resources

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Monday, May 19, 2014
12:00 – 1:00 p.m.

Location: Park Tower Building
2nd Floor Conference Room
980 Ninth Street
Sacramento, CA 95814



What are the risks of earthquakes or floods to Delta Infrastructure?

The Sacramento – San Joaquin Delta is a critical juncture of California’s water, energy, and communication infrastructure. It is also at considerable risk of disturbance or damage from levee failure caused by major disasters, like earthquakes and flood-producing storm events. Developing quantitative approaches that provide probability estimates for levee failure and characterize potential interconnected risks to Delta infrastructure are needed.

This presentation will describe research findings from the National Science Foundation’s Resilient and Sustainable Infrastructure Network (RESIN) Initiative at UC Berkeley. These results include revised probability estimates of levee failure due to major disasters and new approaches to the best estimation of interconnected risks of system failure in the Delta.