



IEP Modeling Workshop, May 26-27, 2009

2009 IEP Workshop Series
Workshop 1: Physical Modeling and Fish Management

May 26 & 27, 2009
CALFED Delta Room
650 Capitol Mall, 5th Floor, Sacramento CA 95814

Brown-Bag Lunch Talk

May 26, 11:45 – 12:45

CALFED Delta Room

Title:

MODELED REGIME SHIFTS IN THE NORTH PACIFIC

Speaker:

Prof. Thomas M. (Zack) Powell
Department of Integrative Biology
University of California, Berkeley

Abstract:

I present studies of climate models coupled to pelagic ecosystem models for the North Pacific. The detailed climate models capture prominent variability associated with features like ENSO, multi-decadal regime shifts, etc. Nested ecosystem models can resolve coastal features down to approximately 1 kilometer resolution and have the capability of describing phenomena associated with higher trophic levels, including like fisheries. Future extensions to other ecosystems are suggested.