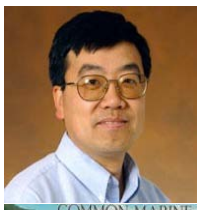
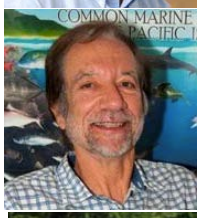
PFRP Pelagic Fisheries Research Program
of the Joint Institute for Marine and Atmospheric Research (JIMAR)
IN THE SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY AT THE UNIVERSITY OF HAWAI'I AT MĀNOA

Panel Discussion:
Ecosystems Models – Application to Fisheries

Pelagic Fisheries Research Program Principal Investigator's Meeting
Pacific Room, Imin Conference Center, UH Manoa Campus
15 December 2011, 1:30-5 pm



Yi Chao, NASA – JPL / Cal Tech
Dr. Chao is an expert in earth system modeling, satellite oceanography and forecasting of climate variability



Jeff Polovina, NOAA Pacific Islands Fishery Science Center
Dr. Polovina is an expert in ecosystem modeling and originator of the Ecopath model.

Bob Olson, Inter-American Tropical Tuna Commission
Dr. Olson is an expert in the trophic relationships of pelagic fishes.

Agenda

1. Introduction: what should we want from ecosystem models? (Kevin Weng)
2. Model approaches and a few examples of applications (Jeff Polovina)
3. How do different model classes handle physical drivers? (Yi Chao)
4. Most important data for ecosystem models (Bob Olson)
5. Open discussion

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