

RACE/REFM Seminar

March 3, 2015, 10–11 a.m.

Traynor Seminar Room

Bldg 4, Rm 2076



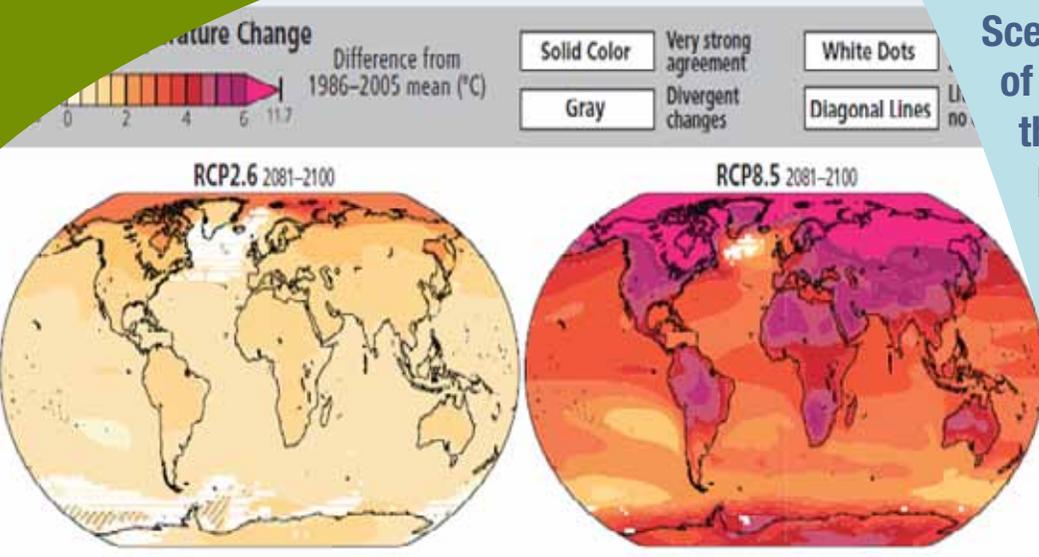
**NOAA
FISHERIES**



Anne Hollowed

A Process for Selecting Scenarios for Projecting Impacts of Future Climate Change on the Marine Ecosystems of the Northern Hemisphere: The Ices/Pices Contribution to Model Intercomparison Experiments for Fish and Fisheries

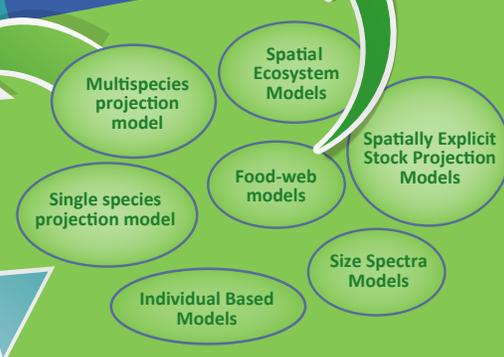
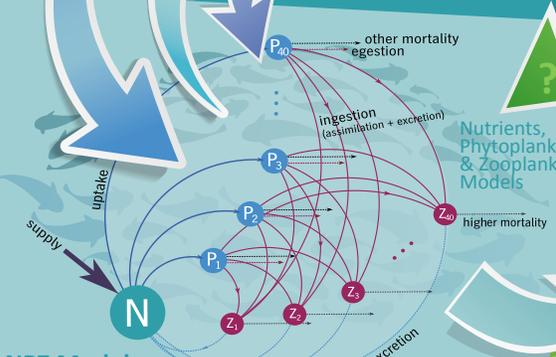
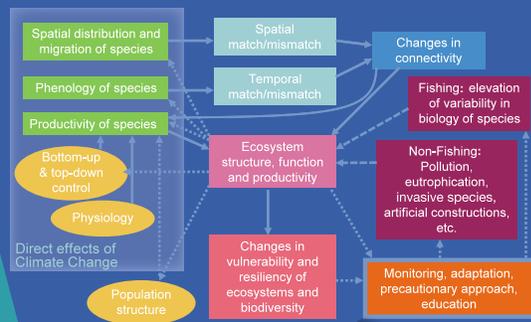
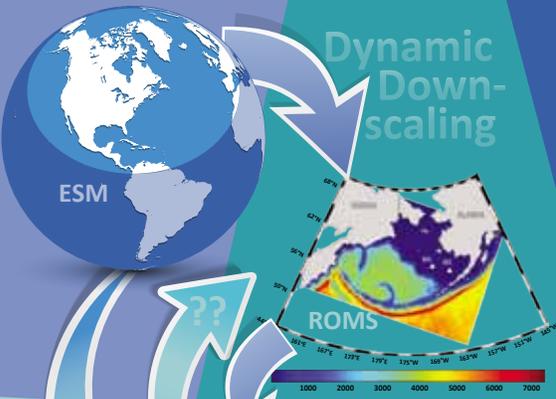
Climate change is a global issue affecting marine ecosystems and species that span multiple international boundaries. To address this challenge scientists have developed global climate and earth system models to project future conditions. These models are being tested regionally and discussed globally. In preparation for the next IPCC assessment, scientists have initiated an international collaborative effort to provide quantitative estimates of the status and trends of commercial fish and fisheries worldwide by 2019. This talk presents a proof-of-concept implementation of a Management Strategy Evaluation (MSE) framework for the eastern Bering Sea for evaluating the performance of resource management strategies under different climate change scenarios.



Earth System Models

Regional Models

Dynamic Ecosystem Models



NPZ Model

Stock Projection Ensemble