

Project Team

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Collaborators

Alan Haynie, Anne Hollowed, Kirstin Holsman (*NOAA/AFSC*)

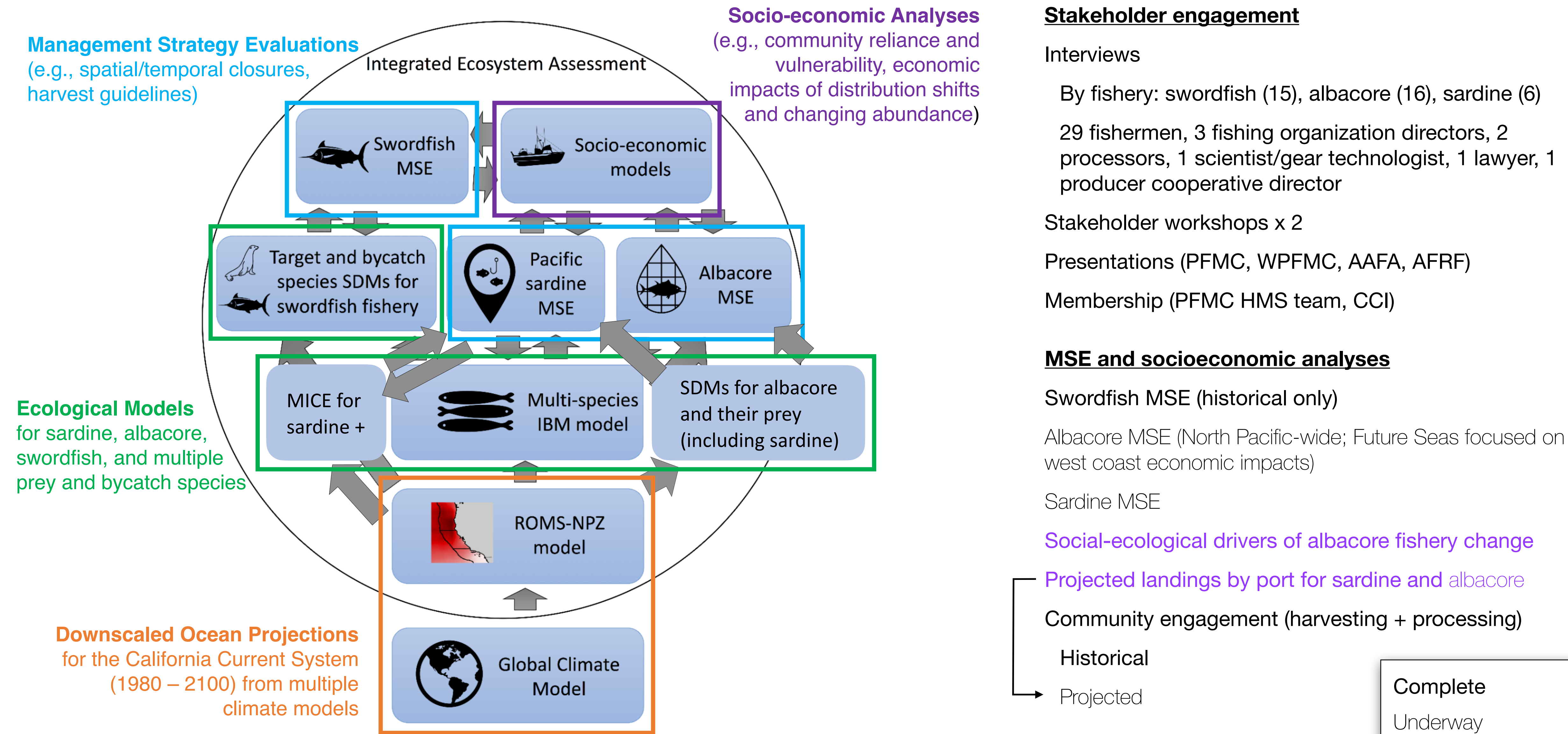
Jason Hartog, Alistair Hobday (*CSIRO*)

Charlie Stock (*NOAA/GFDL*)

Stephanie Green, Natasha Hardy (*U Alberta*)

Larry Crowder (*Stanford*)

Jon Sweeney (*NOAA/PIFSC*)



Stakeholder engagement

- Interviews
 - By fishery: swordfish (15), albacore (16), sardine (6)
 - 29 fishermen, 3 fishing organization directors, 2 processors, 1 scientist/gear technologist, 1 lawyer, 1 producer cooperative director
- Stakeholder workshops x 2
- Presentations (PFMC, WPFMC, AAFA, AFRF)
- Membership (PFMC HMS team, CCI)

MSE and socioeconomic analyses

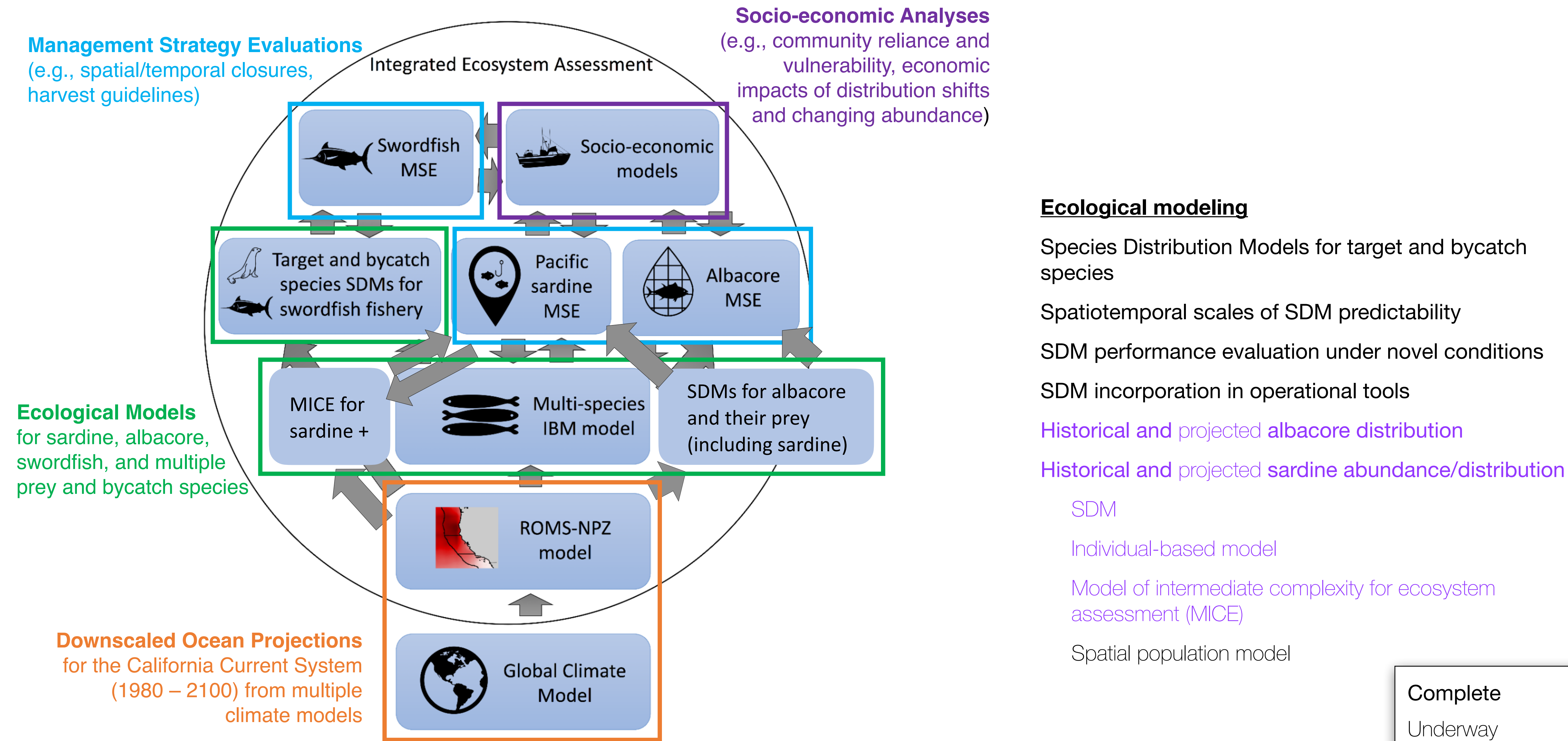
- Swordfish MSE (historical only)
- Albacore MSE (North Pacific-wide; Future Seas focused on west coast economic impacts)
- Sardine MSE

Social-ecological drivers of albacore fishery change

- Projected landings by port for sardine and albacore
- Community engagement (harvesting + processing)

Historical
Projected

Complete
Underway
Presentation today



Ecological modeling

Species Distribution Models for target and bycatch species

Spatiotemporal scales of SDM predictability

SDM performance evaluation under novel conditions

SDM incorporation in operational tools

Historical and projected albacore distribution

Historical and projected sardine abundance/distribution

SDM

Individual-based model

Model of intermediate complexity for ecosystem assessment (MICE)

Spatial population model

Complete
Underway
Presentation today

