SCS 8th National Workshop

Applying ABC Control Rules in a Changing Environment

August 26-28, 2024

Seaport Hotel

Boston, Massachusetts

Located next to the

Boston Fish Pier

est. 1910

listed on

National Register of Historic Places

Applying ABC control rules in a changing environment

Sub-themes

1. Advances in science to inform ABC control rules in a dynamic environment
2. Adaptation of reference points, control rules, and rebuilding plans to changing environment
3. Application of social science to achieve management goals under dynamic conditions

Proposed Case studies

- Climate adaptive management targets (Cody Szuwalski)
  - Szuwalski et al. (2023) Unintended consequences of climate-adaptive fisheries management targets", Fish and Fisheries, https://doi.org/10.1111/faf.12737)

- Recent ACLIM / CEFI results (ACLIM team)
  - Using climate-informed vs climate-naïve approaches to determine reference points and evaluating stock status (Holsman)
  - Evaluate performance of climate-enhanced HCRs
    - Pacific cod – includes economics (Punt et al 2024)
    - Pollock –temperature effects on recruitment (Spencer & Iannelli)
    - Size-structured, trait-based model of Bering Sea (Reum et al)

Proposed Case studies

- **Ecosystem-level cap for Gulf of Alaska (Alberto Rovellini, Atlantis model)**
- sablefish – socio-economic impacts of sablefish extreme recruitment
  - Too early? Will be explored separately (depending on IRA funding)
- 'CCTF Climate Scenarios Workshop', depending on outcomes