Catch Level Projections Workgroup

Scope of Work

Analysis Type: Development of Recommendations for Recruitment Assumptions Used in Catch Level Projections

Justification: The SSC has recently recommended different approaches to making recruitment assumptions in catch level projections for different stocks. To date, these recommendations have been made on a case-by-case basis in response to trends or new patterns in recruitment relative to the historical productivity of the stock. The SSC requested an opportunity to comprehensively review recent SSC decisions and available literature on the topic, and to develop recommendations for how recruitment assumptions be made in projections used to provide catch level recommendations. Ideally, recommendations should be informed by the SEFSC's working group on this topic.

Objectives:

1. Review recent literature on recruitment assumptions and summarize key findings for the SSC
2. Summarize recent SSC decisions regarding recruitment assumptions in projections used to set catch level recommendations. Case studies should include, but not be limited to, red grouper, red snapper, red porgy, golden tilefish, and black sea bass.
3. With the assistance of the SEFSC, explore the performance alternative recruitment assumptions and summarize the impact on catch level advice for key example stocks.
4. Develop a set of recommendations for the SSC to consider when making projection requests used to set catch levels.

Analyst: Assistance of an SEFSC analyst may be required. Council staff will be needed to assist in gathering information for the workgroup.

Members: Chair - ; SSC - : Other – Representative from SEFSC's working group on incorporating recruitment in projections

Tasks and Timeline:

Initial Meeting or Scoping – Aug/Sept 2021

Meetings – Sept and Oct 2021

Progress Report to SSC – Oct 2021

Meetings – Nov and Dec 2021

Status Report to Council (in SSC Overview) – Dec 2021

Meetings – Jan and Feb 2022

Final Report – 2 weeks prior to Spring (typically April) 2022 Meeting