

Team Charter

Project: Determine available data appropriate methods to inform management

Purpose

Our purpose is to support the management bodies in the region by determining appropriate alternative methods and approaches to inform management with the available data, given that standard single-spp stock assessment approaches severely limit our ability to give advice for the very large number of managed species.

Goals

Goal 1: To understand the literature and approaches used in other regions (including methods that may have been previously deemed as not aligned with legal requirements), potentially as part of a student project and including engagement with external technical experts and stakeholders to the extent possible.

Goal 2: To summarize existing needs of management agencies associated with alternative management methods and socialize the suite of alternative methods with the SSC, APs, GC, Council and any other relevant bodies. (i.e., what is allowable under MSA and available data)

Goal 3: To match agency needs with the alternative management methods and understand what is possible today and make recommendations as to what data gap filling would be most beneficial, given the suite of strategies available to inform management.

Goal 4:

Summarize and distribute information on appropriate alternative management strategies and approaches in a format that is readily available and used by the CFMC and SSC and provide improved communication approaches that builds public support for use of these approaches.

Our ideal outcomes are to facilitate the use of alternative methods for management in the U.S Caribbean by expanding the assessment toolbox and making effective use of the most recent literature and resources and interpretation of the law.

The deliverables will be a document with a list of candidate methods, which includes the mechanism by which alternative methods can be incorporated and the data inputs required for

Commented [1]: task would be to continue this literature review which we have already started

Commented [2]: classify the literature review, especially in light of uncertainty/confusion in language (e.g. management procedures)

Commented [3]: types of methods, what the methods, review the classification

Commented [4]: also note working with potential students on the ground

Commented [5]: also annotated bibliography

Commented [6]: potentially have LANTERN involved in determining what Council wants?

Commented [7]: in conjunction with SERO/SEFSC

Commented [8]: we can also start the convos earlier

Commented [9]: summarize the type of methods that are allowable under MSA rules and also what territorially we can do based on data

Commented [10]: LANTERN would coordinate with other working groups and start matching data needs to data availability

Commented [11]: also data triage

Commented [12]: deliverable would be some sort of draft form or pieces of this final deliverable

Commented [13]: outstanding question: what % of time... is it full time?

the method, a final report out presentation to the CSP members, and a communication strategy for CFMC engagement and public support.

Team

- *Lead:* Mandy Karnauskas
- *Members:* Shannon Cass-Calay, JJ Cruz, Sennai Habtes, Kevin McCarthy
- *Consultants:* Todd Gedamke, Jason Cope, Bill Harford (limited time), Kate Zamboni, Kevin Craig, Ivor Williams (PIFSC), Melissa Karp, Dave Chagaris (UF Ecosystem Modeling, Fisheries Management)
- *Stakeholders:* CFMC, CIMAS, DNER/DRNA, DPNR, EBFM TAP, NOAA HQ, NPS, PRSG, QM/CI PSG, SEFSC, SERO, SSC, UPR, USC-A, UVI
- *KSAs:* current team has experience in data limited stock assessment

Team Process

- *Meeting day/time:* Thursdays @3pm EST
- *Meeting frequency:* every 4-5 weeks
- *Decision-making procedures:* consensus-building
- *Team communication:* Google Meet for standing or any ad-hoc meetings, group emails for routine communications between meetings, and comments in working drafts placed in the team google drive folder.

Team Norms

- *Values:*
 - Integrity, reproducibility, transparency, and communication of data
 - Innovation through adaptive management and continuous improvement
 - Respect and trust in data and partnerships
 - Diversity and inclusivity of data sources, data input, communities, and stakeholder ideas
 - Collaboration and cooperation in the collection and dissemination of data
- *Agreements:* The Team agrees to work in an environment of mutual respect where all Team Members will be given an opportunity and encouraged to present ideas and viewpoints. Hand raising will not be needed during google meets as long as team members do not talk over each other.

Supporting Resources

- *Google Drive folder:* [Working Groups](#)
- *Project facilitation:* Rachel Banton (rachel.banton@noaa.gov)
- *Process facilitation:* Richard Maclin, Vivian Matter (vivian.matter@noaa.gov), Jenny Suter (jenny.suter@noaa.gov)

Metrics

Success will be measured by a number of candidate methods identified and a document that describes the alternative methods