

Suggested Outline

1) Introduction:

- a. Purpose of the document:
 - i. Tool to assist and guide in the implementation of EBFM
 - ii. Characteristics of the document
 - 1. Actionable
 - 2. Informative
 - 3. Participatory
 - 4. Adaptative (Step wise process)
 - iii. Summarize information to understand the status of the fisheries system in the Caribbean (the list below are the main components identify in the fisheries system and should be used through the document. Define categories: examples
 - 1. Environmental
 - 2. Habitat/Ecological
 - 3. Management/Policy/Science
 - 4. Economic
 - 5. Social
 - 6. Stressors/Anthropogenic stressors
- b. EBFM Theory/background/framework...general theoretical. (Marshak and Link 2022)
- c. Importance of Stakeholder Involvement and how is used in this document.

2) Vision, Strategic Objectives, Framework (but specify that the rationale for these are given below)

3) Synthesis of the U.S. Caribbean Fisheries System.

- a. General description (refer to other documents). Include references to legal framework:
 - i. Copy information from original FEP (date 06/2022) sections: 2 and 8a.
- b. Based on Conceptual Models (one per island)
 - i. Identify main components.
 - ii. Identify main relationships.
- c. Data available for description of patterns of temporal and spatial variation. Only on those that are available and relevant to fisheries DSS used by the CFMC (identified in 3b). Description of patterns might be available already from other sources: PRCRMP, NCRMP, ESR. Important to hyperlink to the databases mentioned here.
- d. Identify gaps.

4) Indicators

- a. General description of an indicator and definition of attributes
- b. Criteria for selecting indicators under:
 - i. Ecosystem Status Report (If available)
 - ii. From 3b
 - iii. From 3c
- c. Indicators:
 - i. Ecosystem Status Report (If available)
 - ii. From 3b

- iii. From 3c
- iv. Amalgamated list of i, ii and iii above

5) Threats/Stressors

- a. Define the risk assessment approach for the FEP (this FEP).
- b. Summarize elements of risk associated with the drivers derived from conceptual models or relevant to the US Caribbean Fisheries Systems:
 - i. Table that contains unit of the fishery system, risk element being evaluated and strategic objective by which the risk is being assessed.
 - ii. Table that contains criteria for different risk levels (Tauna will come back on this).
 - iii. Application of risk assessment results. Or guide to use risk assessment's results.
 - iv. Example of using the table in b to fit the risk assessment process for this FEP.

6) Operational objectives and tasks/actions

- a. Represent as table. Indicating:
 - i. Which ones are under CFCM control and those that are not.
 - ii. Also, useful to identify Acts, rules and norms that could be related to the operational objectives.
 - iii. An extra column should be data sources and/or references.
 - iv. Identify working group to identify strategic and operational objective (for EBFM TAP members).

7) Use of ecosystem information into current Single Species Approach such as Current Stock Assessments. To be used during SEDAR process. This needs to be checked with Stock Assessment perform. This will be done under a EAFM...but not EBFM as described in section 1. Make sure to transmit the message that this is a stepping stone.

- a. Description by SEFSC on the criteria and characteristics of indicators that can be used directly into stock assessment.
- b. Table with the list of indicators and the attributes that make them ideal to use it in the Stock Assessment.

8) Prioritized actionable projects that will help implement operational objectives for the US Caribbean. Examples are given below (To be defined after working on strategic and operational objectives):

- a. Example...project to create Caribbean data center.
- b. Formal Local Ecological Knowledge (LEK)
- c. Fisheries Performance report
- d.

9) Evaluation tools and programs (optional). Suggest of working group that evaluates this plan every XX or YY years. Suggest different time frames to revised different parts of this plan. Suggest that EBFM TAP is a permanent advisory panel. Argument that NOAA is shifting to EBFM.

NOTE: should be a 20 pager document