

Draft Climate Change planning Scenarios (CCTF Nov 2023)

Cross sector coordinated EBM



Strong interest in EBM & Social targets but lower confidence in management outcomes
(Scen. 4)

Advancements of adaptive Ecosystem Based Management & community well being
(Scen. 1)

Middle of the Road
(Scen. 2)

Increased focus on near term yield; less investment in surveys and tech/innovation
(Scen. 3)

Innovation and tech. allow fisheries to harvest at near MSY and MEY. Movement away from EBM targets to those that maximize individual spp MSY
(Scen. 5)

Less Predictable

Predictable

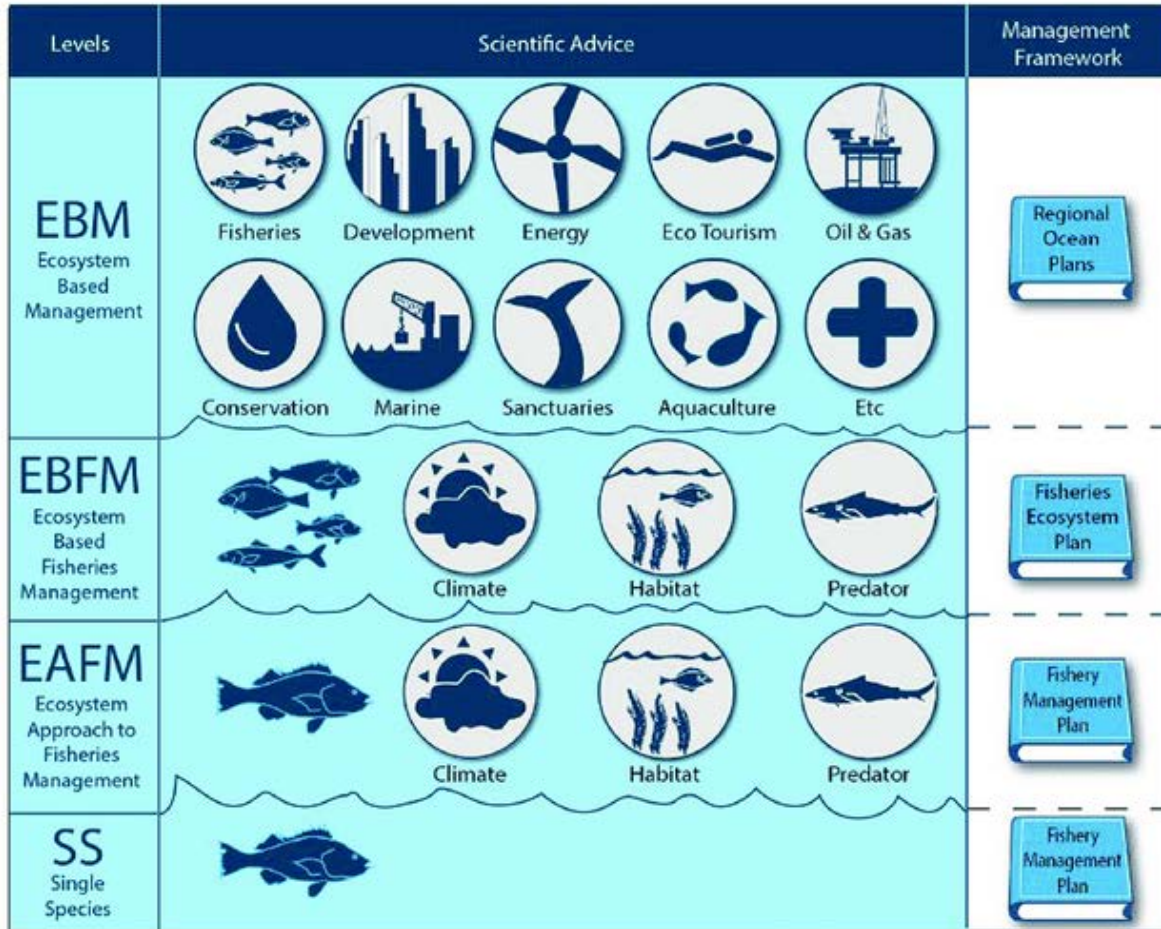
STARTING POINT FOR DISCUSSION - not finalized! Will be avail for comment in Dec. / Jan 2023

Scenarios are intended to be plausible descriptions of possible future states in order to explore 'what if's' not to drive desired future states.

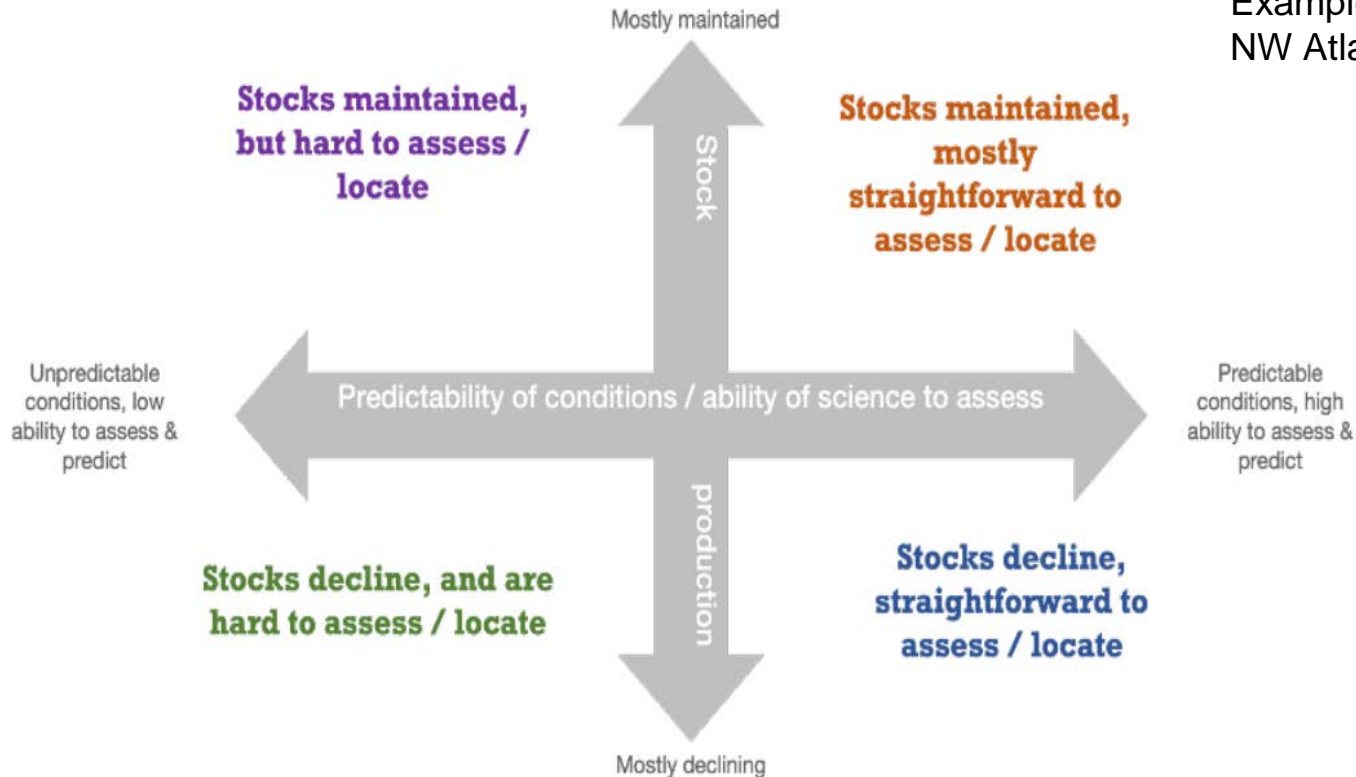
Scenario planning is used to help prepare for the possible futures.

!! Not finalized; please contact Diana Stram NPFMC before use.

OTHER EXAMPLES
FOR REFERENCE



Example from the
NW Atlantic



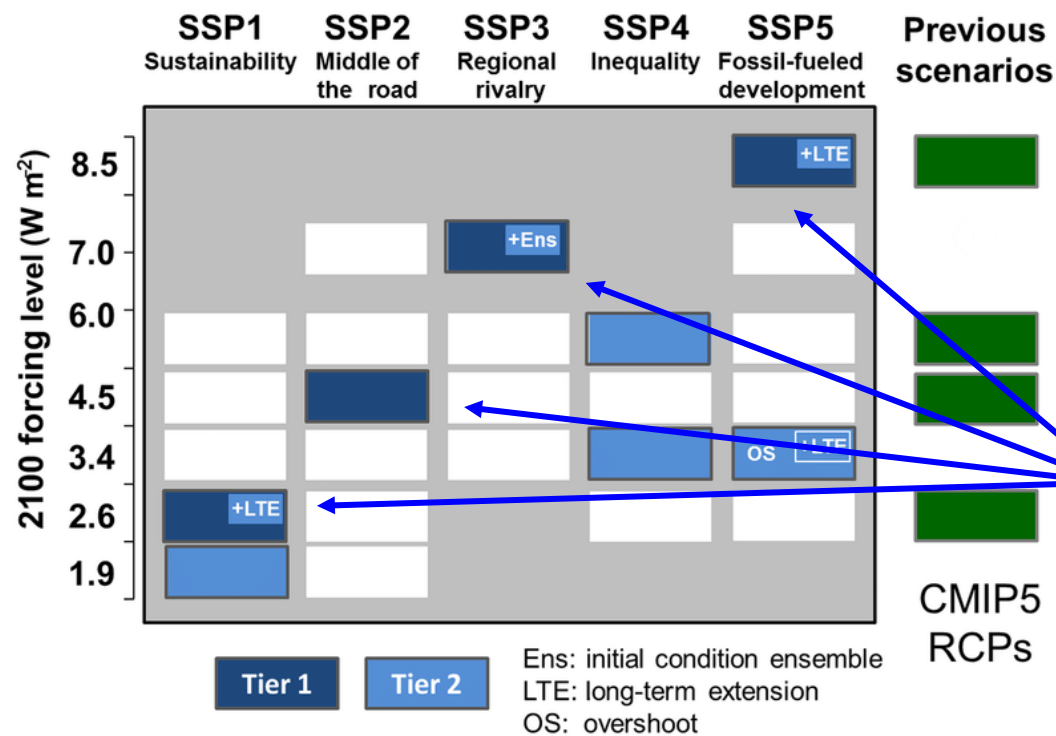
Link to NE Scenarios planning doc : https://meetings.npfmc.org/CommentReview/DownloadFile?p=fc431a20-ccea-483e-b862-efd796c24e03.pdf&fileName=ECSP%2BScenario%2BNarratives_Nov%2B2022.pdf

IPCC AR6 Example



IPCC AR6 Example

Shared socioeconomic pathways



The Social pathways / storylines were developed to help parameterize the earth system components (e.g. forest cover, development, population growth)

The climate modelers had standardized radiative forcings

The Tier 1 runs were used to form the basis for evaluation of risk, impacts and adaptation effectiveness under standardized climate x social scenarios (WGII AR6)