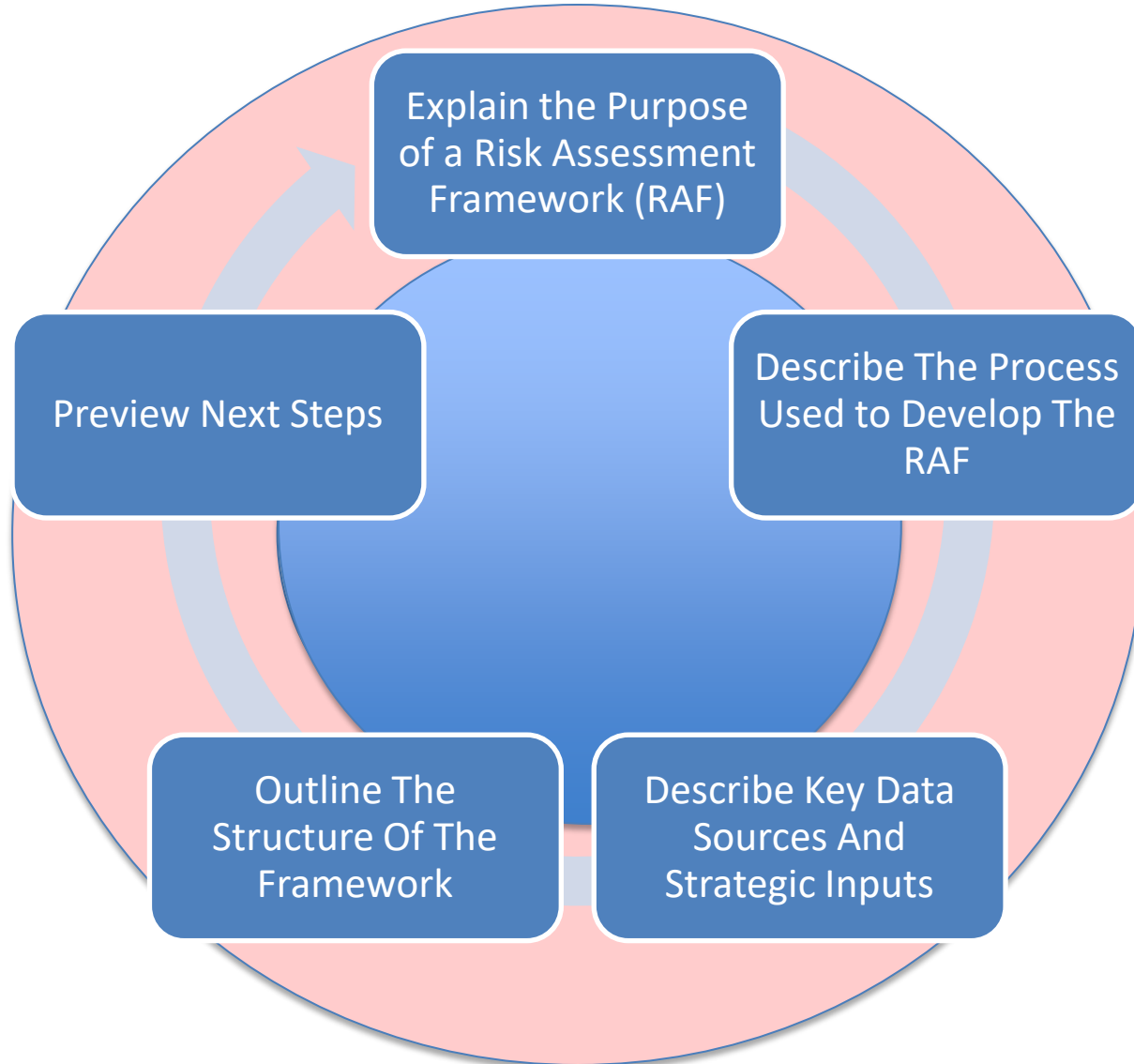


# Development of a Risk Assessment Framework for the Caribbean Fishery Management Council

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April 23, 2025



# Purpose of Today's Presentation



# What Is Risk?

The background of the slide is a stylized illustration. At the top, a dark, stormy cloud with a bright yellow lightning bolt is positioned over the ocean. To the right, a row of colorful buildings (yellow, orange, and green) sits on a brown, elevated shore. The ocean is depicted in shades of blue, with several small fish swimming. In the foreground, there are stylized coral reefs in white and orange. The overall scene suggests a coastal environment facing a natural hazard.

In NMFS EBFM Policy, risk is defined as the probability and potential impact of events or actions that could negatively affect the health, productivity, and resilience of marine ecosystems, their associated fisheries and the communities that rely on fishing for their livelihoods and sustenance.

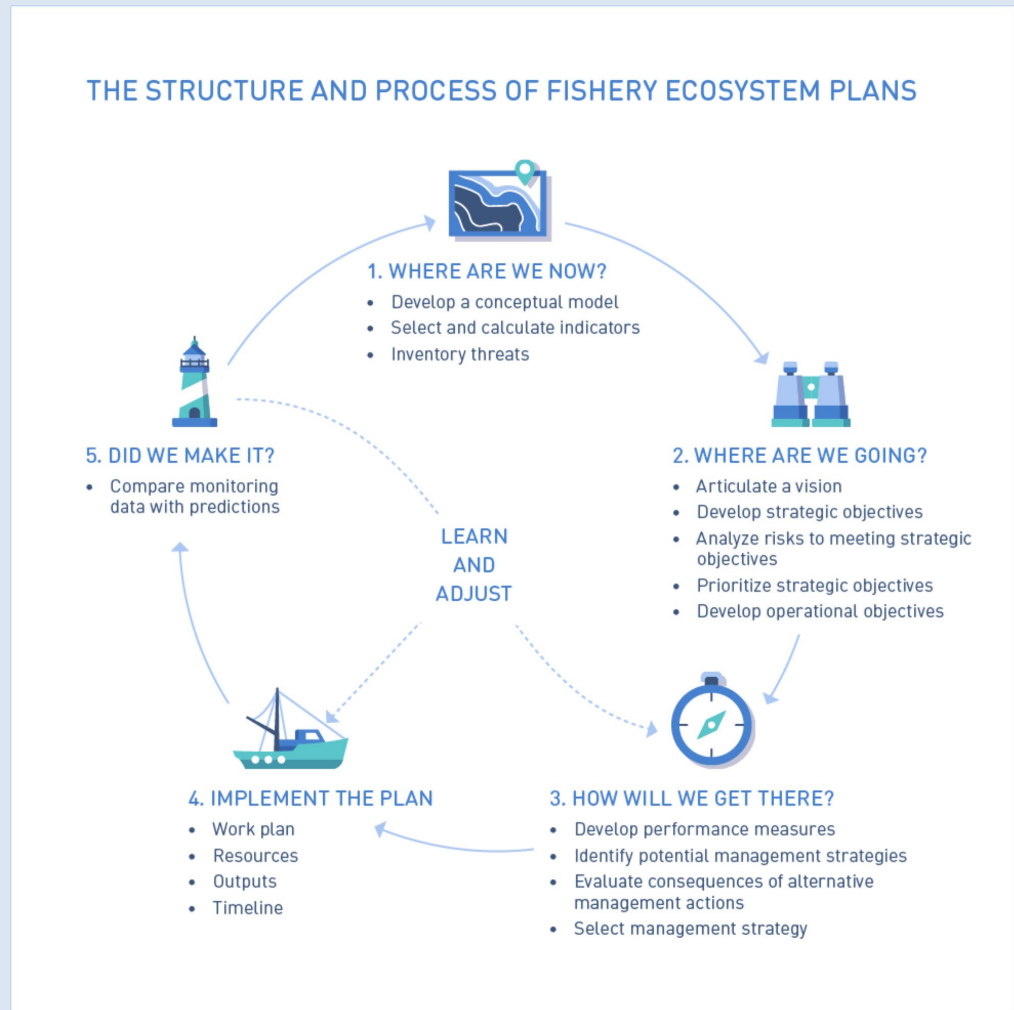
For the Council, risk is the probability of not meeting management objectives related to all of these components.

# Why a Risk Assessment Framework?

The RAF has been designed to be a part of the Fishery Ecosystem Plan under development by the EBFM-TAP.

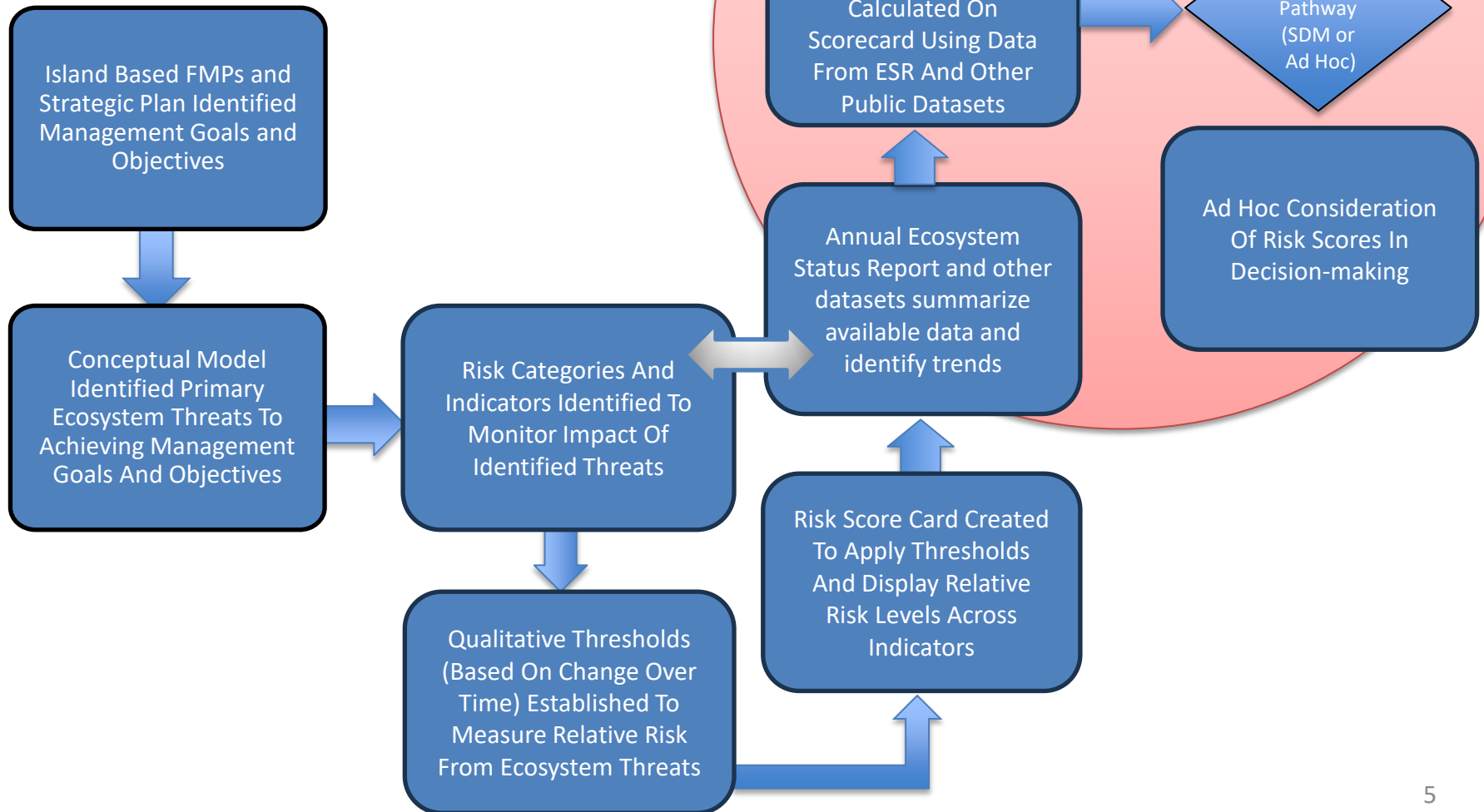
Higher risk decreases the likelihood of predictable responses to management action unless steps are taken to mitigate risk.

The RAF helps Council identify the source of the risk and options for mitigating the identified risks.



FEP loop (Levin et al. 2018).

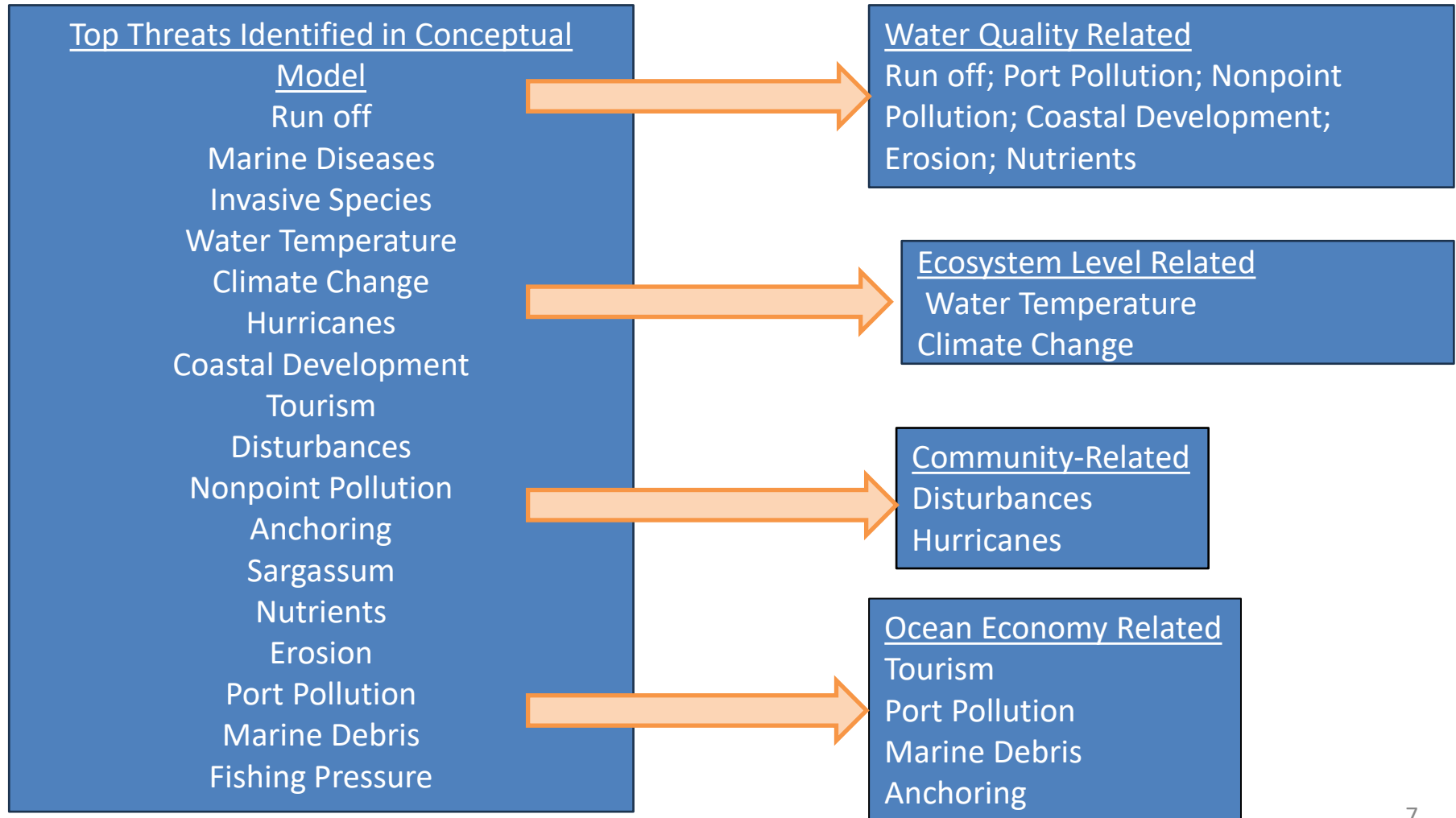
# Development and Use of Risk Assessment Framework



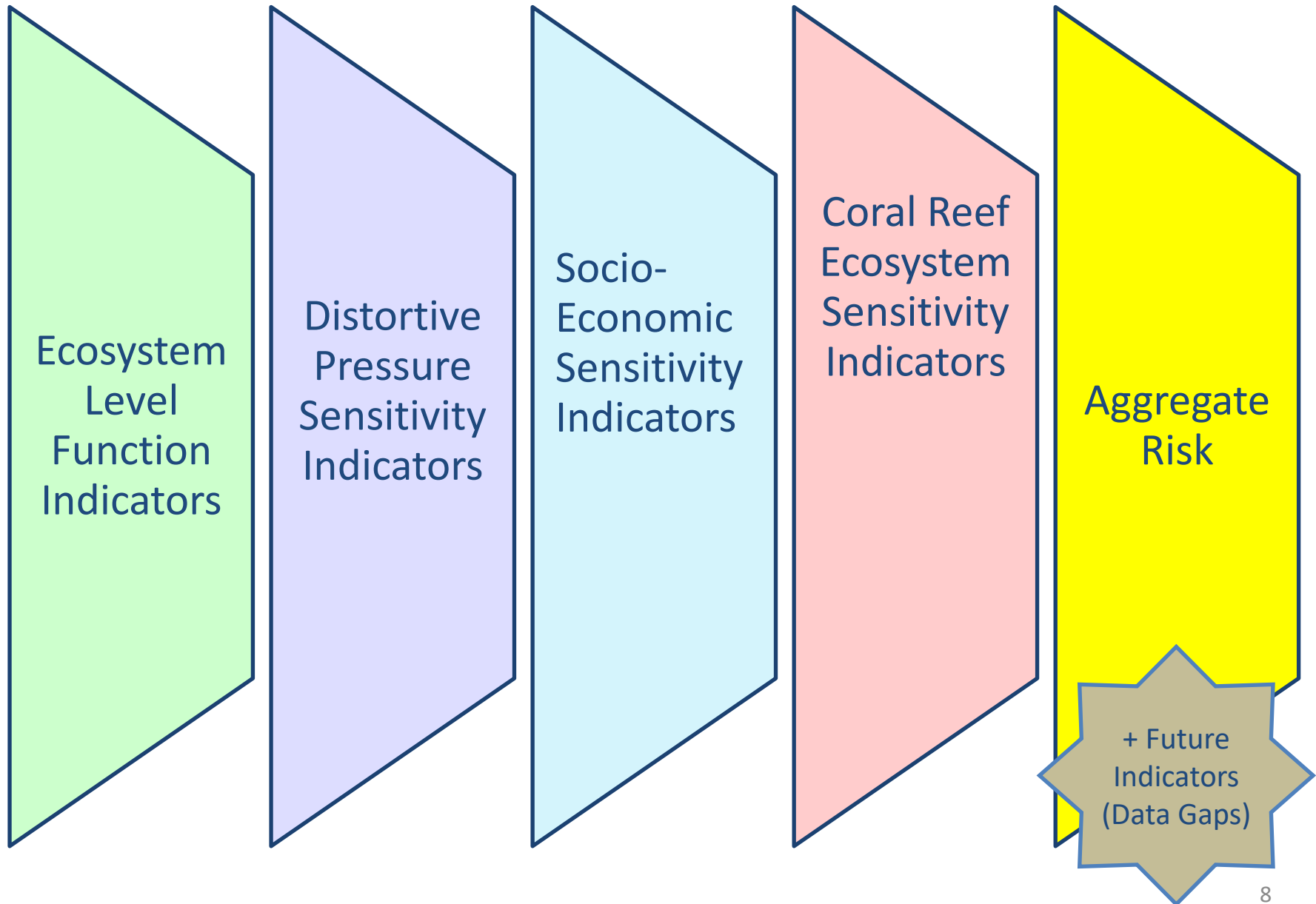
# Foundational Inputs

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# Connecting Threats Identified in Conceptual Model to Risk Management



# Score Card Categories of Indicators



### 3.1 Analysis of Categories of Risk Impacting Achievement of Strategic Plan Goals and Objectives

2

### Evaluate How Identified Risks Could Impact Strategic Objectives

Identify Management Options to Consider to both Achieve Strategic Objectives and Mitigate Risk

# Risk Assessment Framework Structure

Chapter 1 The RAF Score  
Card and Instructions for  
Use

Chapter 2 Description of  
Indicators, Data Sources  
and Scoring Criteria

Chapter 3 Using Risk  
Scores as a Management  
Tool

Chapter 4 Selection  
Process for Risks,  
Indicators and Scoring  
Methodology

Chapter 5  
Recommended Future  
Work to Increase Utility  
of RAF

Appendix A: Pilot Risk  
Assessment: Completed  
Score Card Using 2025  
Draft Ecosystem Status  
Report

Appendix B:  
Management Tool  
Profiles

Appendix C: Innovative  
Risk Responsive  
Fisheries Management  
in the Caribbean

# Next Steps

