



**Agenda Item H.1.b**  
**Supplemental Public Presentation 1**  
**September 2022**

# **Proactive Actions to Manage Climate Change & Improve Fishing Community Resilience**

**Pacific Fishery Management Council**

***September 12, 2022***

# Key Recommendations

- **Adopt Initiative 2.10:  
Climate Informed Fisheries Management Initiative**
  - **Provides the scientific foundation to proactively consider ecosystem information and manage fisheries in a manner responsive to climate influences and changing ocean conditions**
- **Execute 2.10 consistent with EWG and EAS recommendation to begin with 2.1 and, after it is successfully underway, ask the EWG to evaluate how to best add components of 2.6 and 2.8**



## 2.1 Ecosystem and Climate Information for Species, Fisheries, and FMPs

*Evaluating and refining or developing new indicators tailored to support management under particular FMPs or for specific stocks within FMPs, based on Council priorities and guidance*



**Recommendation: Include a conceptual model that is focused on FMP governance as part of the indicator report to further the understanding of the dynamics of marine species/ecosystem interactions in the context of the FMP-specific management process**

## 2.6 Support Fishery and Fishing Community Resilience



*Using social indicator mapping techniques and climate vulnerability assessments to identify the coastal communities and fish stocks that are most vulnerable to climate change and, from those, prioritizing communities and stocks for initial focus across FMPs*

**Recommendation: Through the collaborative effort with IEA scientists, stock assessment scientists, Council advisory bodies, and stakeholders—explore, evaluate, and consider management strategies to improve the resilience of those communities and stocks through the use of risk assessment tables**

## 2.8 Assess Flexibility in Fisheries Management Process

*Drawing upon the results of the Climate and Communities Initiative (CCI) workshops, the work of the CCCT, and prior Council guidance to draft fishery-specific standards for fishing community resilience*

**Recommendation: Develop and consider FMP-specific recommendations to revise management processes and regulations to improve nimbleness and increase responsiveness to climate variability and change.**

# Connection to Climate & Communities Initiative

- CCI Goal (adopted in March 2018) “to consider, develop, and implement strategies for improving the flexibility and responsiveness of our management actions to near-term climate shift and long-term climate change, and strategies for increasing the resiliency of our managed stocks and fisheries to those changes.”
- 2.1 addresses the 1st part by *exploring tools for effective strategies to manage climate change which provide the foundation for improved flexibility and responsiveness*
- 2.6 addresses the 2<sup>nd</sup> part by *understanding and evaluating the vulnerability of West Coast fishing communities to climate change and assessing their resilience which helps identify where and how to focus efforts to improve flexibility and responsiveness*



*Thank You*

