



Proactive Actions to Manage Climate Change & Improve Fishing Community Resilience

Pacific Fishery Management Council

March 13, 2022

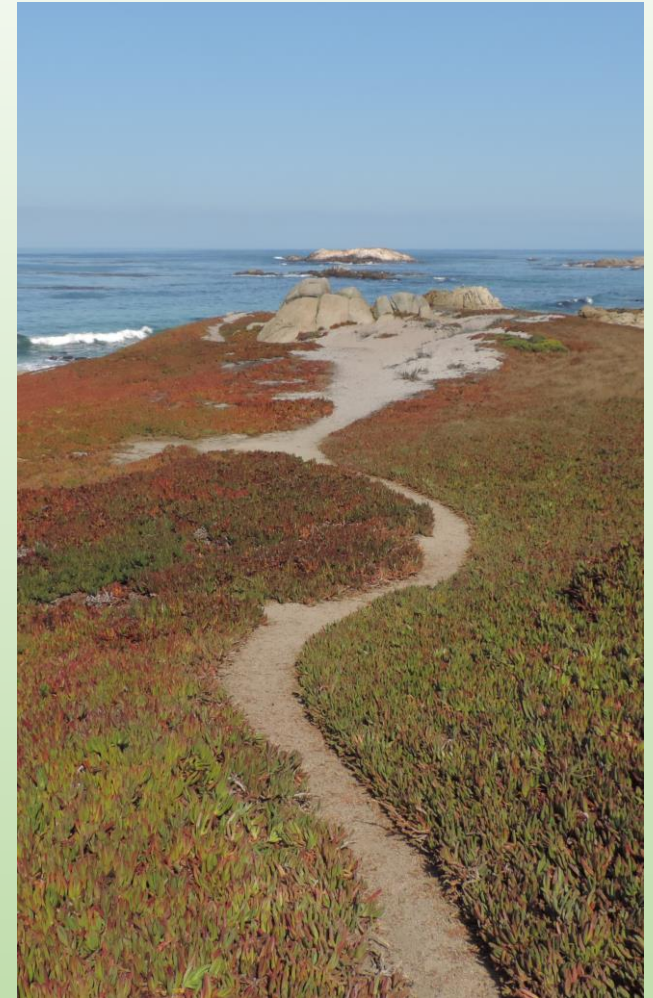
Key Recommendations

- **Adopt an initiative to support FMP actions that increase responsiveness to changing ocean and environmental conditions**
 - Proposed initiative in our letter aligns well with 2.1, incorporates pieces of 2.6, and helps prepare for 2.8
 - Support EAS Recommendation: Climate-Informed Fisheries Management Initiative (combination of 2.1 and 2.6) with cross-cutting themes of safety, flexibility, and inclusiveness
- **Enhance use of the IEA Annual Report when developing and analyzing fishery management actions**
 - Appendix E in IEA Annual Report
- **Increase efforts to address and plan for transboundary stock issues**



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

- 1. Review the incorporation of climate and ecosystem information into the Council's harvest-setting and fisheries management processes,**
- 2. Determine the need and appropriate timing for additional, FMP-specific ecosystem and climate information, and**
- 3. Develop clear pathways for information to be used in the setting of scientific uncertainty and harvest policy, as determined by the Council.**



2.6 Support Fishery and Fishing Community Resilience

1. Evaluate resilience of West Coast fishing communities to climate change in the context of current or potential harvest policies under consideration by the Council, and
2. Engage the Council, staff, management teams, advisory bodies, IEA scientists, and others to consider existing vulnerabilities of communities, climate forecasts, and the CCI scenarios in light of existing or emerging harvest-setting processes and approaches.



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 2nd 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*

Process & Timeline

- Initiatives are intertwined and cannot be effectively completed in two years

Recommendations

1. Adopt the EAS recommended Climate-Informed Fisheries Management Initiative at this meeting with the understanding that it needs to be phased
2. Provide guidance for the EWG and EAS (in consultation with the IEA Team) develop a straw proposal for Phase 1 that could be scoped and considered at the September meeting



Thank You

