

CLIMATE CHANGE TASK FORCE

Climate Readiness Synthesis

April 2023

D-3 Council April 2023

CCTF Members:

Co-chair: Diana Stram (NPMFC): diana.stram@noaa.gov

Co-chair: Kirstin Holsman (NMFS- AFSC) : kirstin.holsman@noaa.gov

Lauren Divine (Aleut Community of Saint Paul Island)

Scott Goodman (Natural Resources Consultants/BS Fisheries Res. Foundation)

Jason Gasper (NMFS-Regional Office)

Mike LeVine (Ocean Conservancy)

Steve Martell (SeaState)

Brenden Raymond-Yakoubian (Sandhill Culture Craft)

Jeremy Sterling (AFSC Marine Mammal Lab)

Todd Loomis (Ocean Peace, Inc.)



The goal of the Climate Change Module is to facilitate the Council's work towards climate-ready fisheries management that helps ensure both short- and long-term resilience for the Bering Sea.

Council motion 2018: Evaluate short- and long-term effects of climate change on fish and fisheries, and develop management considerations

Objective 1



COLLATE

Coordinate the review of existing and emergent climate information on impacts, adaptation, and residual risk.

Objective 2



SYNTHESIZE

Assess key climate change impacts, adaptation actions, and residual risk.

Objective 3



COMMUNICATE

Summarize and communicate potential risks and adaptation actions.

- **Objective 1. Collate:**
Evaluate the mechanisms and processes through which climate change information is currently included in the fishery management process, identify gaps, and help create opportunities to increase the inclusion of available information
- **Objective 2. Synthesize:**
Synthesize information about long-term climate change impacts and scenarios and help create pathways for inclusion of that information in the fishery management process.
- **Objective 3. Communicate:**
Identify potential management tools and actions for consideration by the Council that could help increase resilience and adaptation to climate change impacts



Objective 1



COLLATE

Coordinate the review of existing and emergent climate information on impacts, adaptation, and residual risk.

Objective 2



SYNTHESIZE

Assess key climate change impacts, adaptation actions, and residual risk.

Objective 3



COMMUNICATE

Summarize and communicate potential risks and adaptation actions.

- **Objective 1. Collate:**

Evaluate the mechanisms and processes through which climate change information is currently included in the fishery management process, identify gaps, and help create opportunities to increase the inclusion of available information.

- **Objective 2. Synthesize:**

Synthesize information about long-term climate change impacts and scenarios and help create pathways for inclusion of that information in the fishery management process.

- **Objective 3. Communicate:**

Identify potential management tools and actions for consideration by the Council that could help increase resilience and adaptation to climate change impacts



March 1-2, 2023 CCTF meeting topics

- Developing Climate Planning Scenario Workshop
- Response to SSC comments on Climate Readiness Synthesis



Climate Scenario Planning workshop

- Synthesize and summarize the critical needs, resources, and process to develop and maintain a robust and inclusive decision-making process to respond to climate change effects in the North Pacific

- Part 1

Understanding where we are now in terms of climate readiness

- Part 2

Barriers and solutions for effective response planning and preparation

- Part 3

Building a climate resilient management system from information to action



Proposed approach to Climate Scenario Planning Workshop

Encourage participants (invited attendees and broad group of stakeholders) to:

- Think broadly about potential solutions and tools within the existing process (incremental) as well as beyond existing approaches (transformational) and;
- Identify ‘bigger picture’ changes that could be effective to address large scale climate impacts and changes



Draft Agenda and Scope

The proposed 3-day workshop will use a combination of scenario planning exercises and case studies to explore effective planning and response to climate change through a three-part discussion:

Part 1:

Understanding where we are now in terms of climate-readiness

Part 2:

Detailed discussion/overview of barriers to and solutions for effective response, planning, and preparation

Part 3:

Visioning and thinking “outside the box” to build a climate resilient management system from information to action



Themes to be explored

- Approaches and tools available in hand (“thinking inside the box”) versus innovations and approaches that might need to be implemented (“thinking outside the box”)
- What approaches can address equity and sustainability in planning and adaptation?
- What information or tools are missing? What is not missing but not used and why?
- What approaches and information can address on-linear trends, tipping points, and sudden shocks to Alaskan marine ecological and social systems.



Outcomes and Deliverables (may include but not limited to)

Synthesis of concrete advice on how to make fishing communities and fisheries management and the Council process more climate resilient such as:

- Tactical and strategic measures / actions, both near-term and long-term
- Feasible tools, incremental changes as well as larger/ long-term recommendations and potential innovations
- Information gaps
- Feasibility and summary of basic actions to address key gaps
- Common barriers and solutions to those barriers



Proposed Timing

April 2023 – mid-September 2023:

Solicit feedback on themes, format, case studies and scenarios to be considered in the workshop. Invite attendees from within and outside the region, consider case studies from other regions including international.

Late September: Co-Chairs synthesize feedback on these topics for CCTF review

October 2023:

CCTF Workshop planning meeting and pre-workshop engagement

December 2023:

CCTF report to Council on results of scope and direction of workshop inclusive of public input over feedback time frame

April 2024:

3- day Climate Scenario Planning workshop in Anchorage, AK

October 2024:

CCTF final report to Council including synthesis of workshop results





Thank you!!!