**Please note that this web explorer is still under development. Please contact Chris Free (cfree14@gmail.com) if you have any comments, questions, suggestions, or concerns. Thanks!**

This tool is designed to help marine fisheries stakeholders assess the resilience of their fishery to climate change and to identify strategies for further enhancing resilience. Throughout the tool, we define resilience as the ability of a fisheries system to resist, recover, adapt, and transform constructively in response to climate change. The tool provides four features:

1. A **data portal** for the user to explore the projected impacts of climate change on the biogeochemistry of their waters and the projected impacts of these changes on their fisheries.
2. A **resilience checklist** for the user to self-assess the ecological, social, economic, and governance attributes of their fishery that make it resilient to climate change and the attributes that could be targeted for enhanced resilience. This checklist seeks to guide the user in identifying barriers, bottlenecks, opportunities, and leverage points in enhancing the resilience of their fishery to climate change.
3. A menu of potential **resilience enhancing tools** that address the objectives of the user and the needs of the fishery. The tool seeks to present context-specific recommendations and highlight case studies from similar contexts to provide operational guidance on enhancing climate resilience in fisheries.
4. A list of **case studies** illustrating the use of the resilience checklist to diagnose the resilience of fisheries to climate change and identify opportunities for enhancing resilience to climate change. These case studies also detail the attributes and actions that make the case study fisheries resilient to climate change and provide useful examples for enhancing resilience in analogous fisheries.

This tool was developed as part of a [Science for Nature and People Partnership (SNAPP)](https://snappartnership.net/) Working Group convened on [Climate Resilient Fisheries](https://snappartnership.net/teams/climate-resilient-fisheries/). SNAPP Working Groups are funded by The Nature Conservancy, Wildlife Conservation Society, and the National Center for Ecological Analysis and Synthesis. All data and code for the tool are on GitHub [here](https://github.com/Science-for-Nature-and-People/climate-resilient-fisheries).

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