

**COMMON
OCEANS
PROGRAM**

NPFC-2023-SC08-OP02



PARTNERSHIP FOR SUSTAINABILITY AND BIODIVERSITY
IN THE OCEAN AREAS BEYOND NATIONAL JURISDICTION

Deep-sea fisheries project

Climate Change work with NPFC



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NPFC SC, Nanaimo
15-19 December 2023

Background paper – Climate change part



North Pacific Fisheries Commission

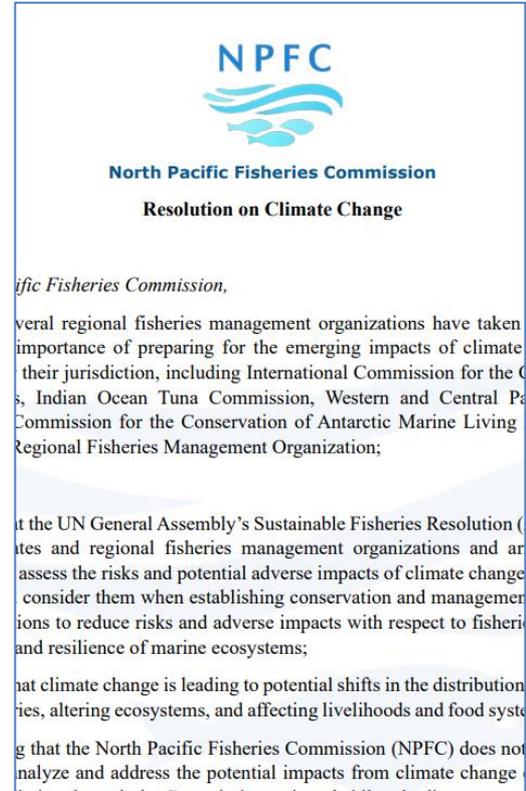
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FAO Deep-sea Fisheries Project (2022–2027)

by Tony Thompson and Eszter Hidas

Climate change

- **NPFC, SPRFMO and NAFO** all now have **climate change resolutions**. **CCAMLR** has been working with CC for many years.
- All RFMOs are struggling with how to include CC into their routine work.
- The DSF Project would like to **fund a consultancy and work with NPFC on CC**.
- The DSF Project would later like to **support a global workshop** to further **develop guidance** for CC among RFMOs.



Climate change

- Summarize potential climate change impacts on managed stocks, non-target species and associated ecosystem
- climate change-related distributional shifts
- Review the most recent IPCC ocean climate change predictions in the REGION, summarize how this may affect the ecosystem and the likely impacts on managed stocks and non-target species
- Identify any new data requirements needed to detect and monitor climate-related changes
- How to integrate climate change effects into stock assessments and fishery management advice