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

COMMON

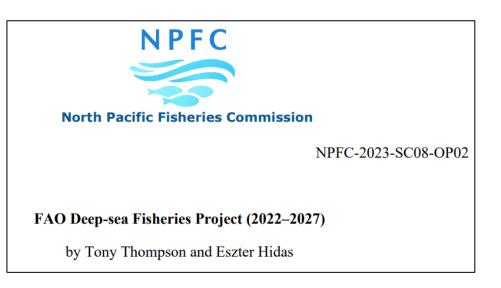
OCEANS

PROGRAM

Tony Thompson -FAO DSF Project Lisa Hendrickson - NOAA

> NPFC SC, Nanaimo 15-19 December 2023

Background paper – Climate change part



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.



North Pacific Fisheries Commission

Resolution on Climate Change

ific Fisheries Commission,

veral regional fisheries management organizations have taken importance of preparing for the emerging impacts of climate their jurisdiction, including International Commission for the C s, Indian Ocean Tuna Commission, Western and Central Pa Commission for the Conservation of Antarctic Marine Living Regional Fisheries Management Organization;

t the UN General Assembly's Sustainable Fisheries Resolution (tes and regional fisheries management organizations and ar assess the risks and potential adverse impacts of climate change consider them when establishing conservation and managemer ions to reduce risks and adverse impacts with respect to fisheri and resilience of marine ecosystems;

hat climate change is leading to potential shifts in the distribution ies, altering ecosystems, and affecting livelihoods and food syste

g that the North Pacific Fisheries Commission (NPFC) does no nalyze and address the potential impacts from climate change

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