

Pacific Islands Climate Outlook Forum - 11

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PICOF-10 objective

To discuss and produce objective, user-relevant regional climate and ocean outlook guidance in real time.

Support member NMHSs produce national climate and oceans climate information for their national stakeholders,
with the ultimate aim to reduce climate-related risks and support sustainable development for the coming season in sectors of critical socioeconomic significance.

Specific objectives

- build partnerships among NMHSs and Pacific RCC Network members, to facilitate the uptake and use of climate and ocean products and services in Pacific RCC-N member countries;
- compare seasonal and subseasonal forecast guidance and discuss how these are produced in terms of accuracy, utility, weaknesses and strengths;
- present, discuss, and summarise the climate and ocean conditions for the last 6 months and model outlooks for the next 6 months;
- provide long-term monitoring of and present long-range projections for selected variables, as climate change has had and will continue to have a significant impact in the Pacific region;
- *discuss how NMHSs are currently accessing and assessing the available guidance, making them nationally-relevant, tailoring them for specific end users, and disseminating them to users;*
- continue capacity building/human resource development activities for the NMHSs, *particularly on sectoral application aspects of seasonal and sub-seasonal predictions.*

Expected outcomes

- Better understanding of climate driver (e.g. ENSO) behaviour, climate (e.g. rainfall) and ocean anomalies over April to October 2022;
- Improved understanding of climate, ocean and tropical cyclone outlooks over Nov 2022 – Apr 2023, reasons for differences between model outlooks and model confidence for the outlook period;
- Improved understanding long-term trends and climate change projections for selected variables including how climate change may influenced Pacific climate in the last 6 month and outlook for the next 6 months;
- Production of a regional statement summarising the ENSO state, tropical cyclone, climate and ocean patterns.