

17th SESSION

PACIFIC ISLANDS CLIMATE OUTLOOK FORUM (PICOF-17)

22 – 23 October, 2025

Port Vila, Vanuatu



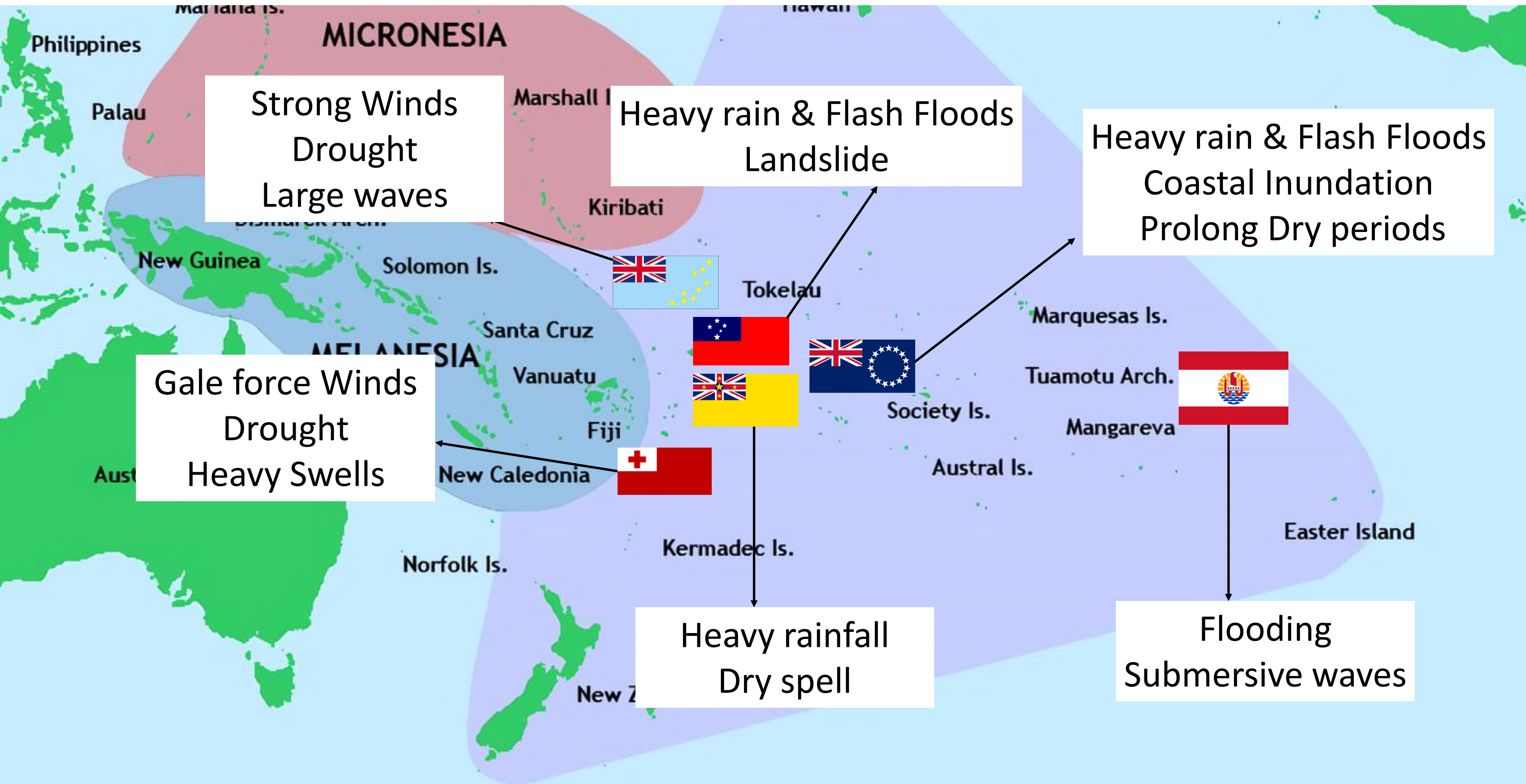
**PACIFIC REGIONAL
CLIMATE CENTRE NETWORK**



Polynesia Islands Climate Impacts

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CLIMATE EXTREMES FOR THE POLYNESIA ISLANDS IN THE LAST 6 MONTH



IMPACTS OF HEAVY RAIN & FLOODING



Bismarck Arch

Tokelau

Marquesas Is.

ANESIA

Santa Cruz

Vanuatu

Fiji

New Caledonia



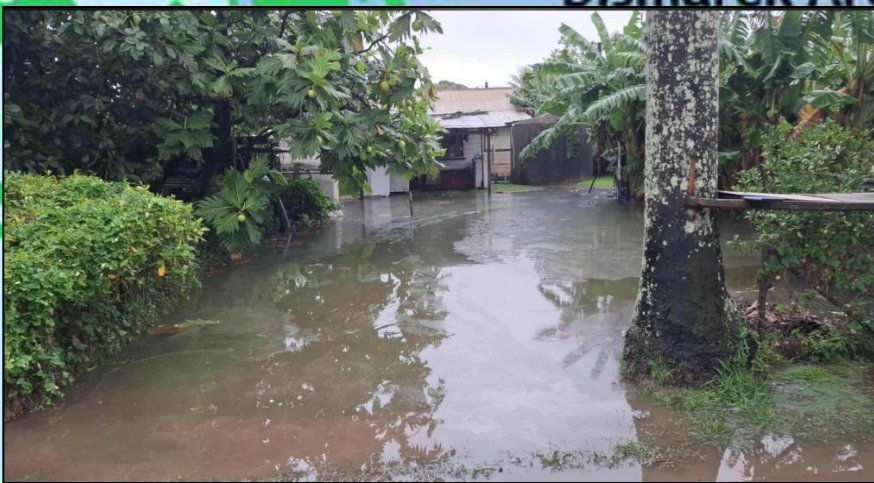
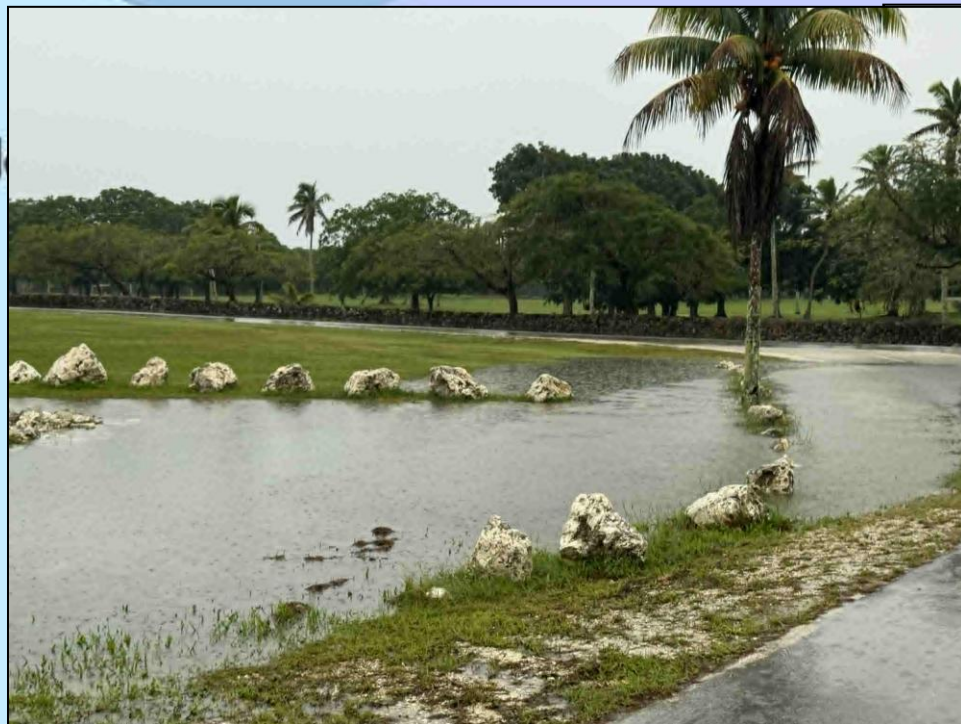
Society Is.

Austral Is.

Tuamotu



Mangareva



Taiwan

Mariana Is.

Impacts of Heavy rain & Flooding

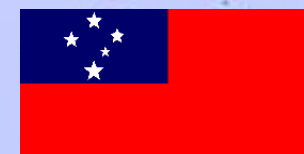
Hawaii



Tuvalu

Tokelau

Marquesas Is.



Niue

Cruz

Guatu

Fiji

onia

Tonga

Cook Is.

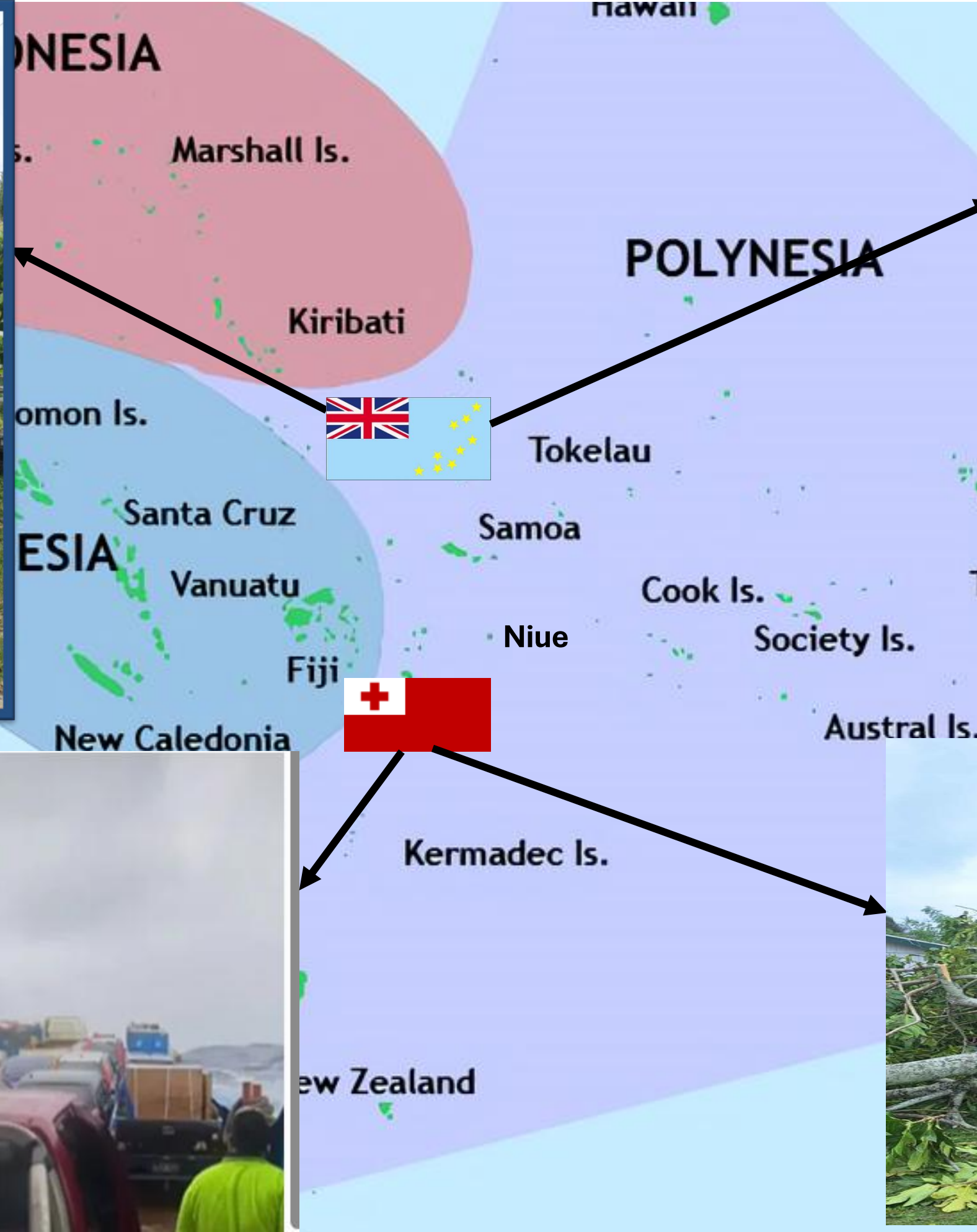
Kermadec Is.

New Zealand



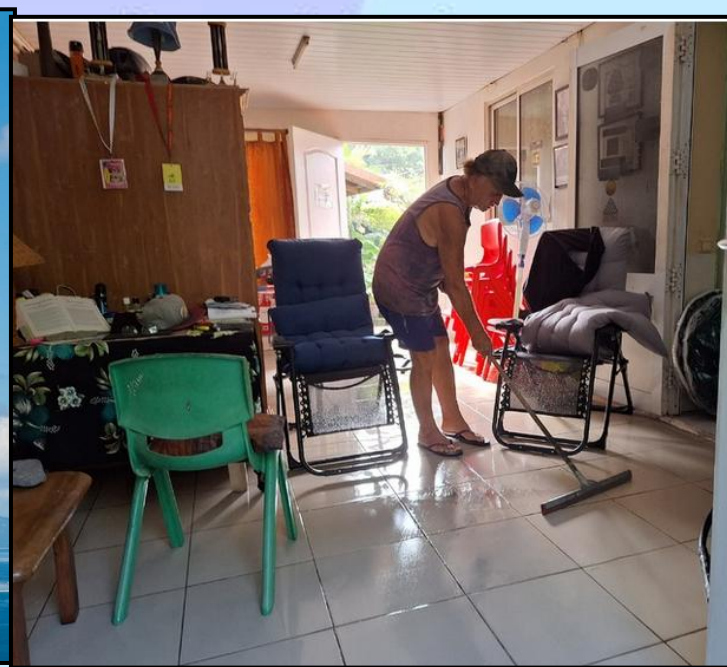
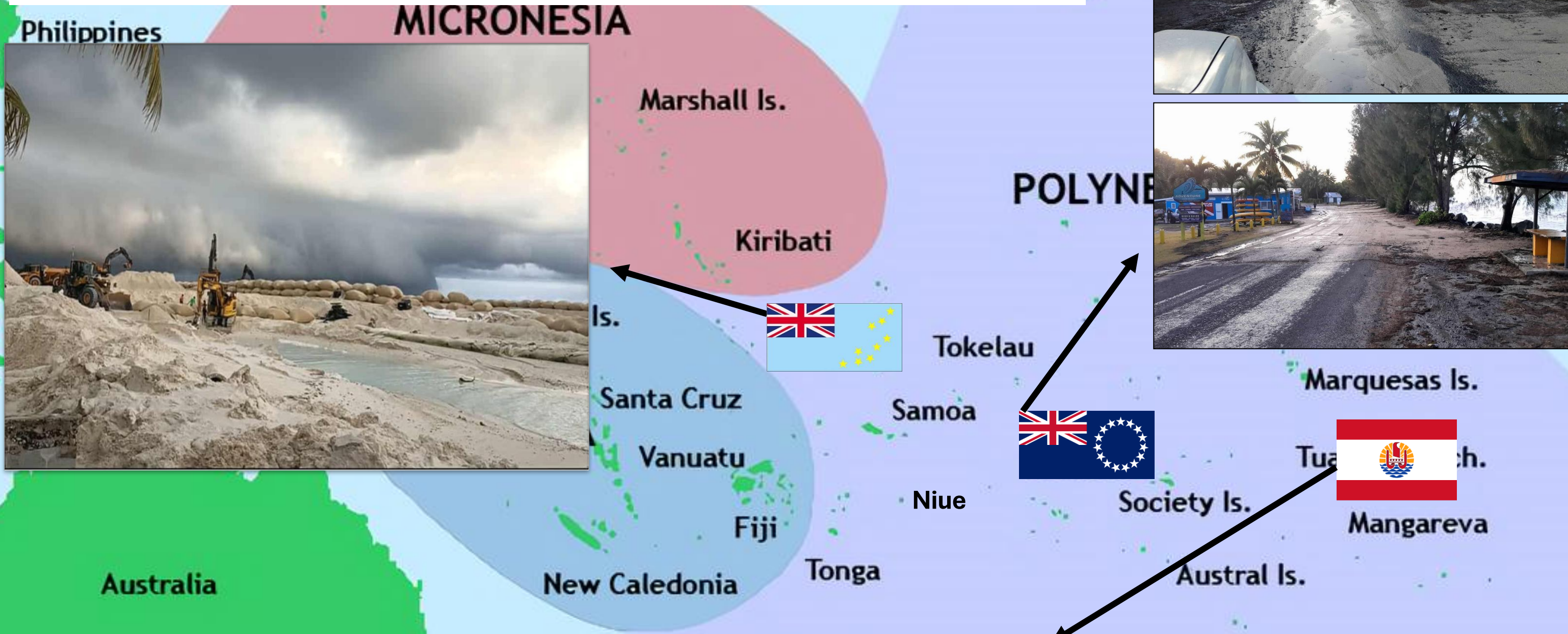
Taiwan

Impacts of Strong to gale force winds



Australia

IMPACTS OF EXTREME WAVES



Summary

The last six months for the Polynesian islands, the ENSO status was neutral, but were dominated by drier-than-normal conditions, with a few countries even declaring drought. However, rainfall predictions had indicated normal conditions, yet there were observed extended dry spells.

Flooding, strong winds, damaging swells, and coastal inundation were caused by intense low-pressure systems that brought heavy rainfall after a dry spell period. In Samoa, these low-pressure systems dominated their weather patterns from May to September.

THANK YOU!



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Samoa Meteorological Division



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