

# 17<sup>th</sup> SESSION

## PACIFIC ISLANDS CLIMATE OUTLOOK FORUM (PICOF-17)

# 22 - 23 October, 2025

Port Vila, Vanuatu



**PACIFIC REGIONAL  
CLIMATE CENTRE NETWORK**

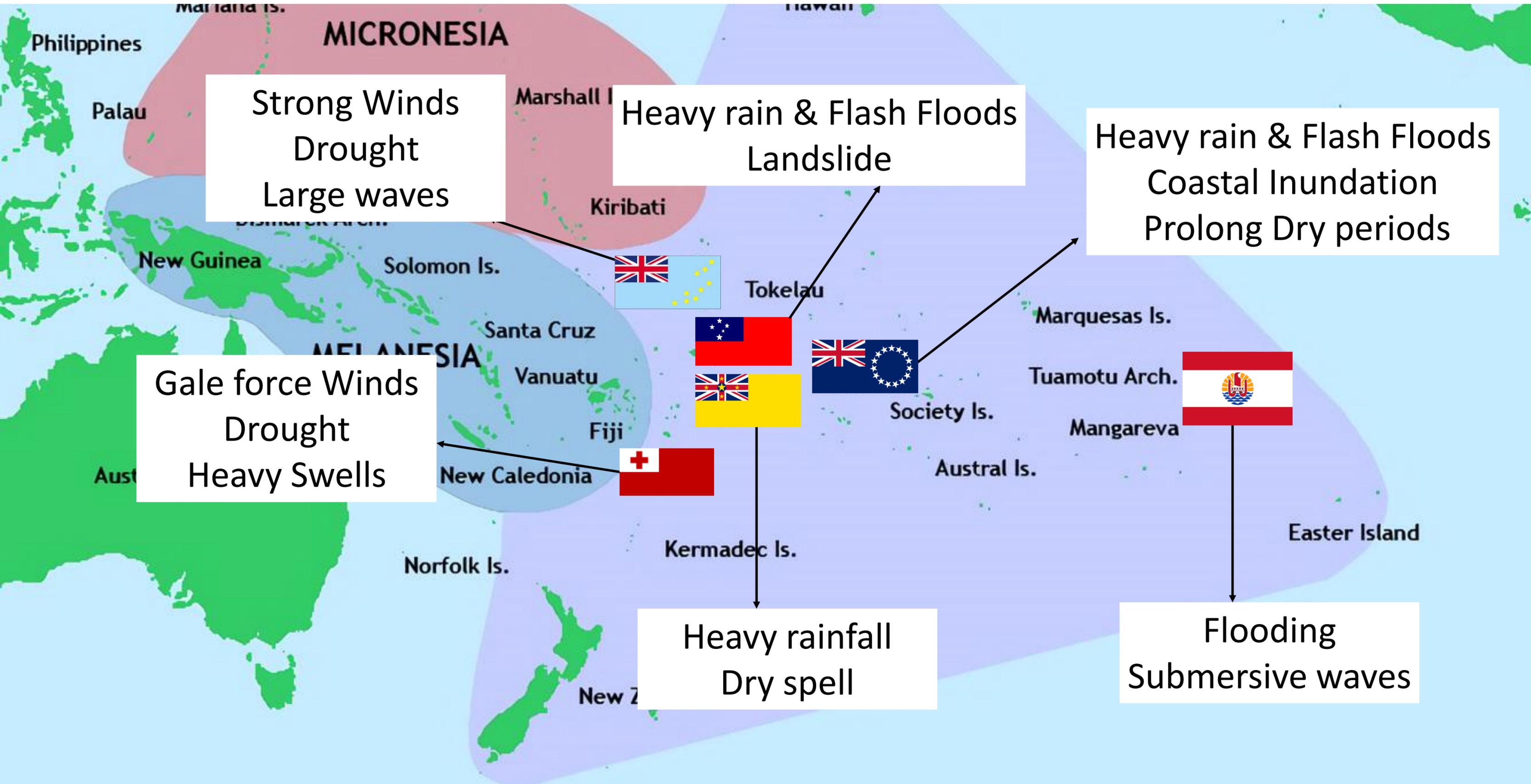
# Polynesia Islands Climate Impacts

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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.

Tuarua Is.

Mangareva

Austral Is.

N



Taiwan

Mariana Is.

# Impacts of Heavy rain & Flooding

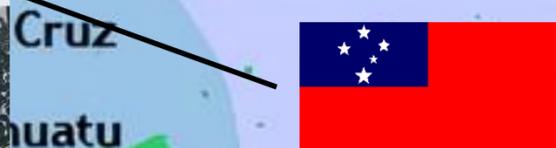
Hawaii



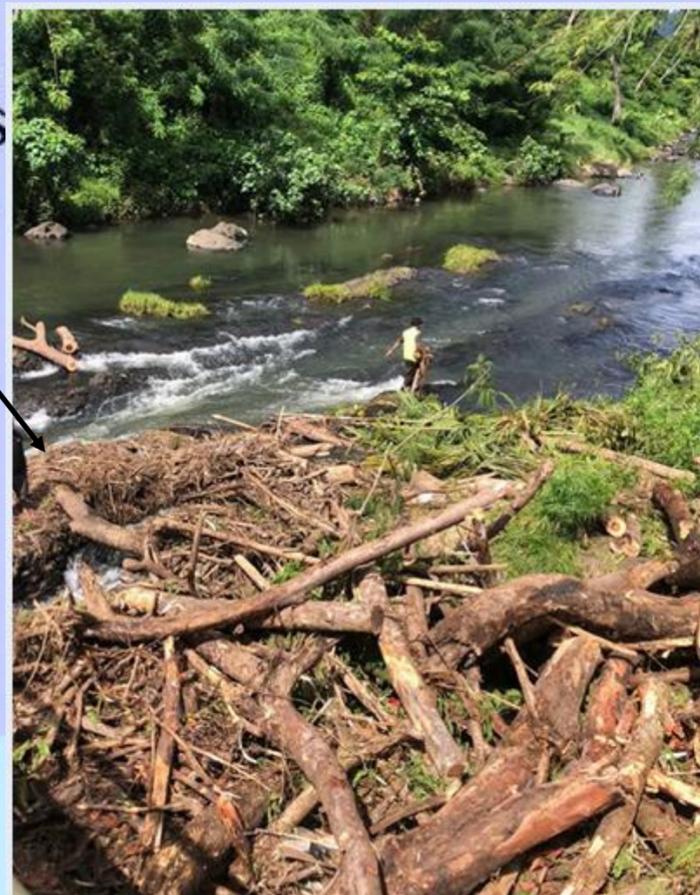
Tuvalu

Tokelau

Marquesas Is.



Niue



Fiji

Tonga

Kermadec Is.

New Zealand

Cook Is.

# Taiwan Impacts of Drier than normal conditions to drought



Infrastructure Cook Islands  
October 16 at 7:00 PM · 🌐

**PUBLIC NOTICE: Water Advisory – Reduced Water Supply Aitutaki 🚰 🚰 🚰**

Th... See more

**WATER ADVISORY:** Aitutaki Water Services (AWS) advises the public that our water galleries are currently at a critically low level due to prolonged dry conditions and minimal rainfall across the island.

**REDUCED WATER SUPPLY AITUTAKI**

As of today, 2 out of 8 water galleries have been shut down to give ample time for ground water to recover. This reduction in supply affects overall water availability for households, businesses, and public services. We kindly urge all residents and visitors to conserve water wherever possible.

Please take note of the following:

- Avoid non-essential water use such as car washing, lawn watering, and outdoor cleaning.
- Use water-efficient practices in homes, schools, and workplaces.
- Promptly report any leaks or water wastage to the AWS Office.

Your cooperation is essential to ensure that our community maintains access to safe and sufficient water during this dry period.

The Council will continue to monitor the situation and provide updates as needed. For further information or to report concerns, please contact the Aitutaki Water Services Office.

Infrastructure Cook Islands  
September 17 at 5:33 PM · 🌐

**PUBLIC NOTICE: WATER SHORTAGE ADVISORY – AITUTAKI 🚰**

Due to the dry weather and low rainfall, all Aitutaki water galleries are experiencing strain which is affecting several areas across the island. Please review your water use and cut non-essential use by:

- Skip garden watering
- Skip vehicle washing
- Fix leaks quickly
- Turn off taps when brushing teeth
- Have shorter showers or shower with a friend 🤝
- Please Store water safely for household use

Some of our families have experience prolonged water shortages and your Aitutaki Water Services team truly appreciates everybody's patience and cooperation as we work together to ensure reliable water access for all.

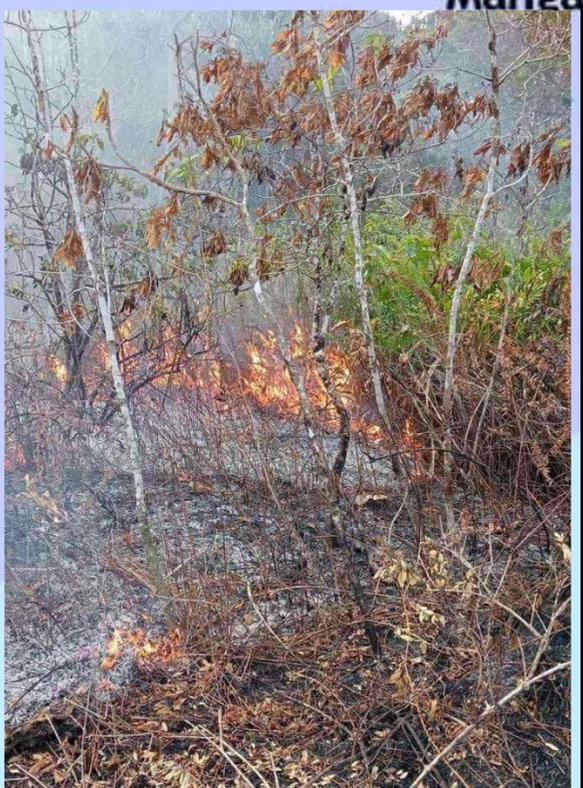
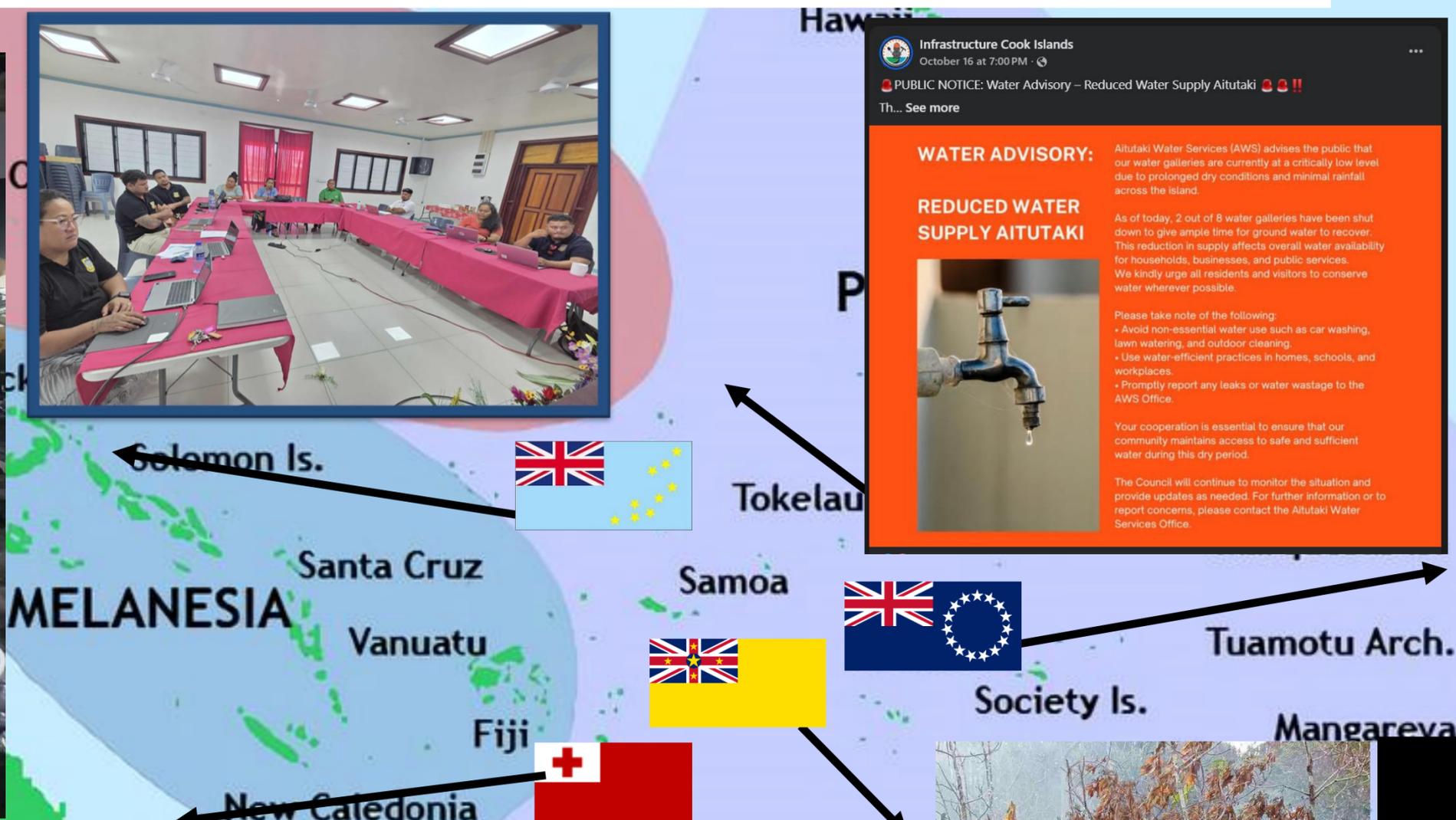
For further information, please contact our Aitutaki Water Services team

#saveourwater #bewaterwise #Aitutaki

**PUBLIC NOTICE**

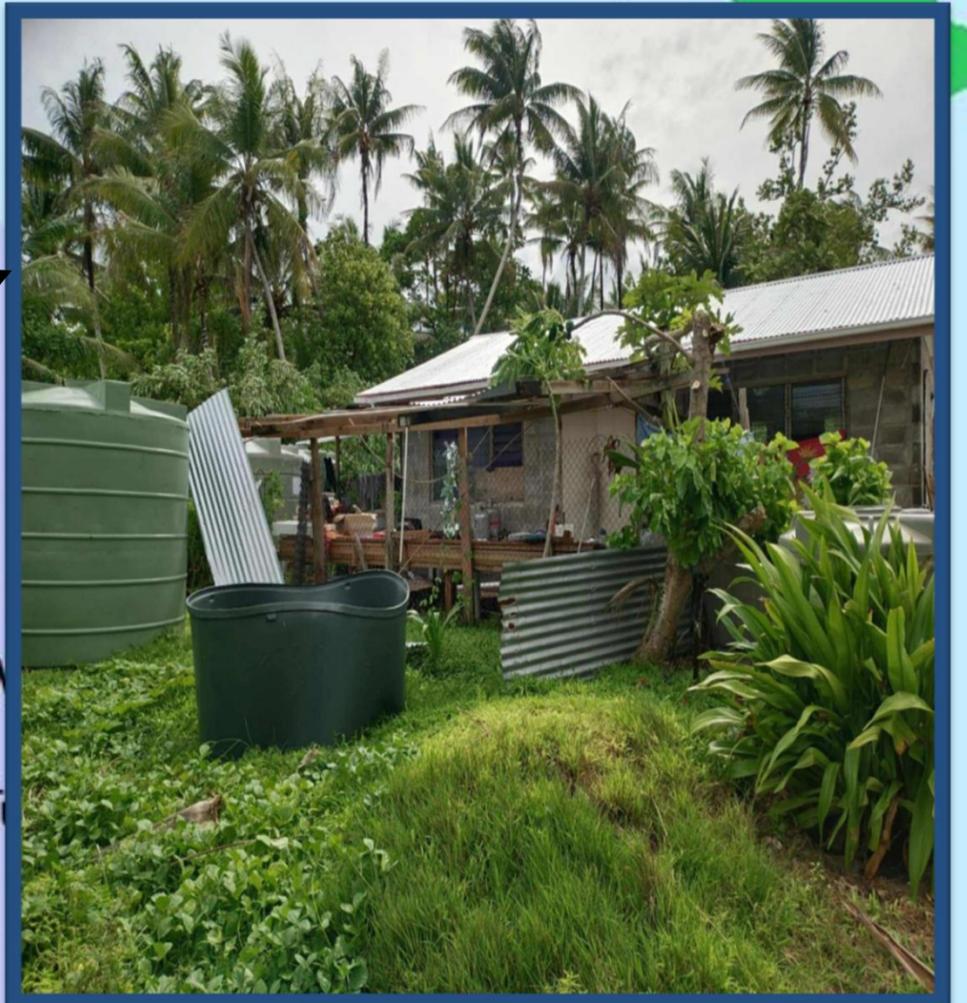
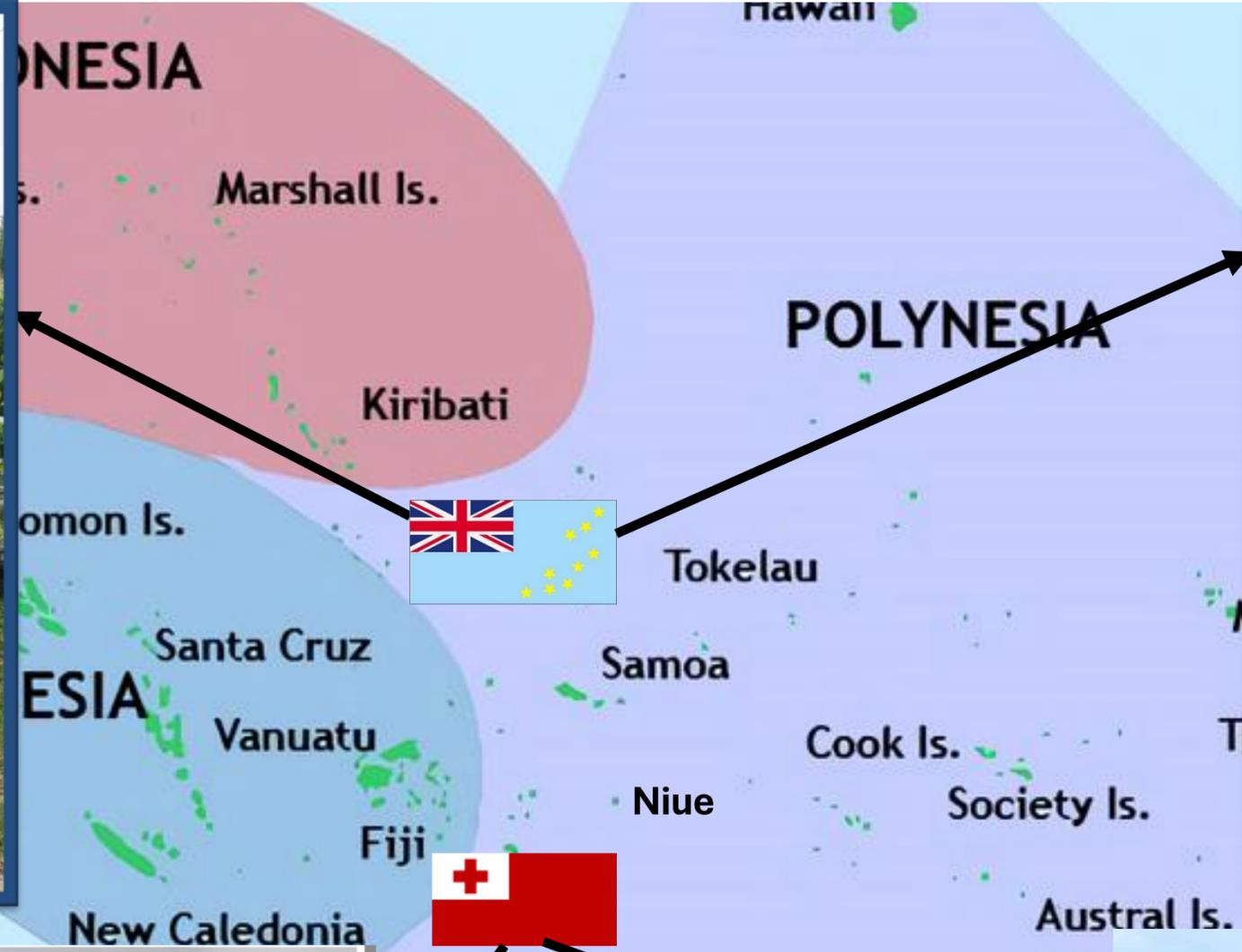
**WATER SHORTAGE ADVISORY**

**AITUTAKI**

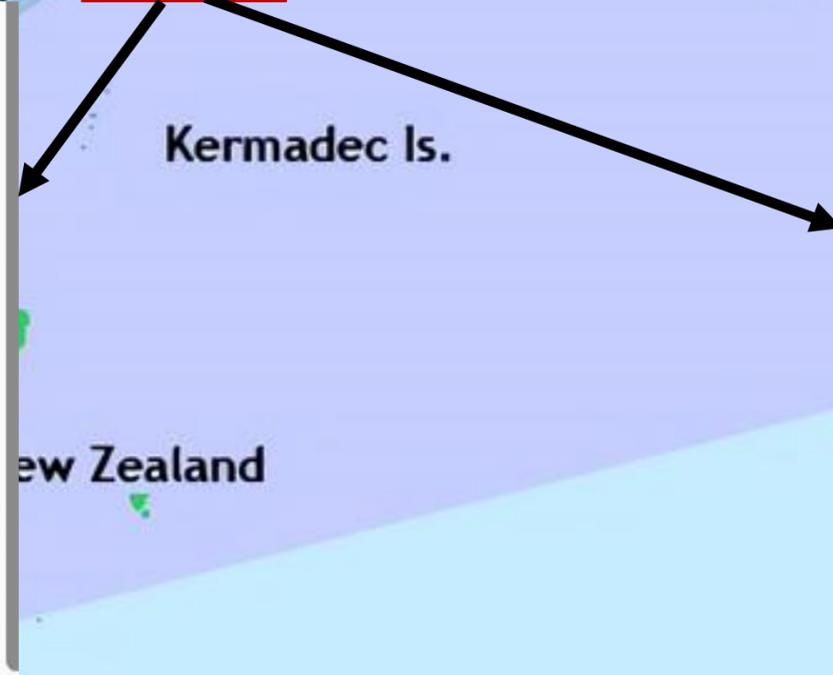


Taiwan

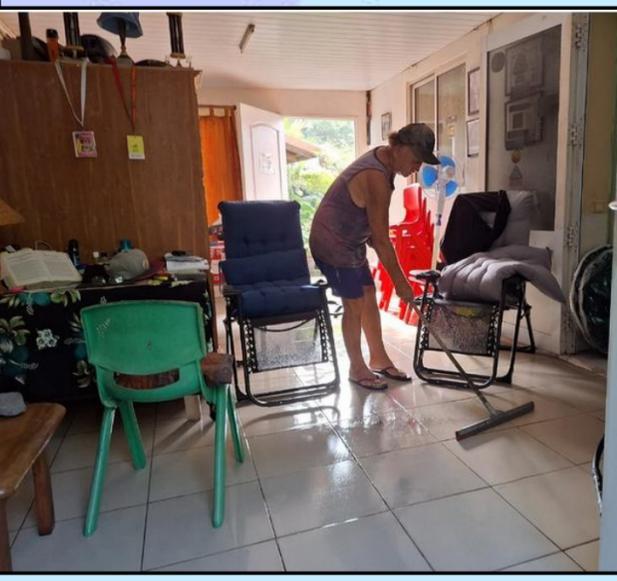
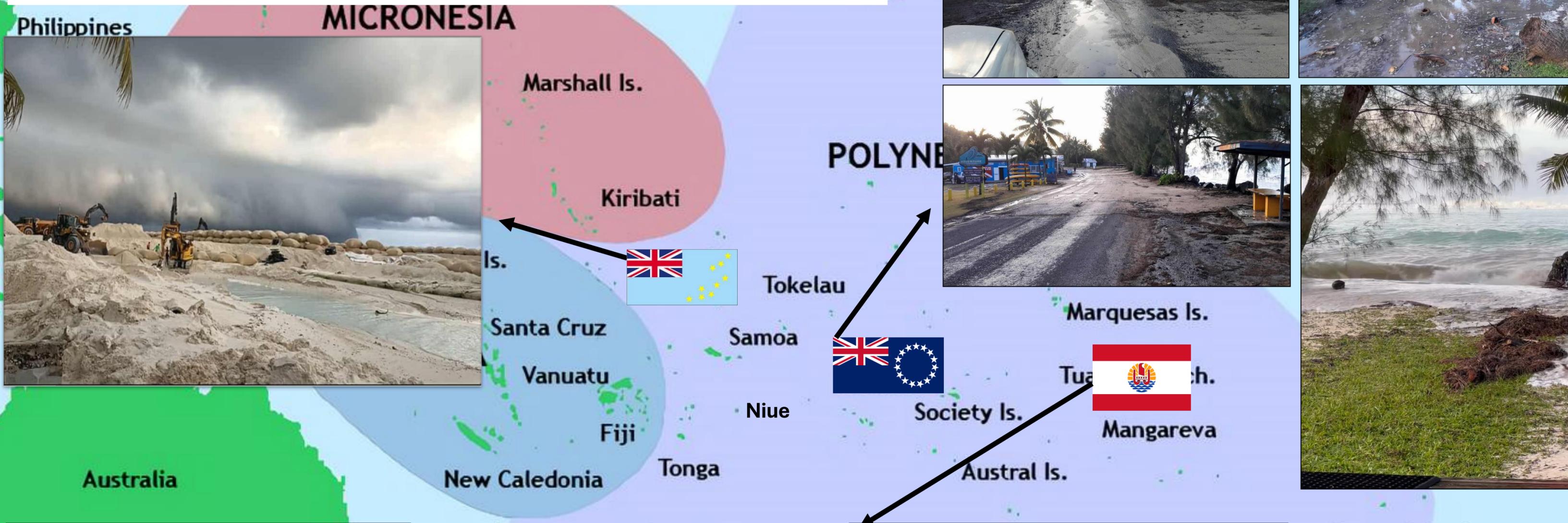
# Impacts of Strong to gale force winds



Australia



# IMPACTS OF EXTREME WAVES



A Paea, le phénomène est sans précédent selon des habitants. • ©Polynésie la 1ère/Vito Tapao

POLYNÉSIE : DES VAGUES JUSQU'À 4 MÈTRES SUR LE LITTORAL

# 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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CLIMATE CENTRE NETWORK