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International Federation of Red Cross and Red Crescent Societies

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1. Climatic changes - Niue.

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[The Pacific Climate Change Centre (PCCC) is the regional Centre of excellence for climate change information, capacity building, research, and innovation, hosted at the Secretariat of the Pacific Regional Programme (SPREP) in Apia, Samoa. It

is mandated to provide practical information, support, and training to address the adaptation and mitigation priorities of Pacific Island communities]



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Our vision: A resilient Pacific environment sustaining our livelihoods and natural heritage in harmony with our cultures.







CONDENSATION

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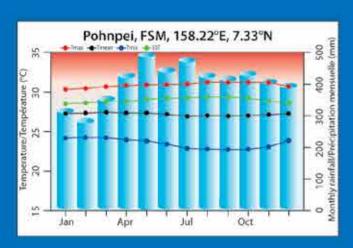
CONDENSATION

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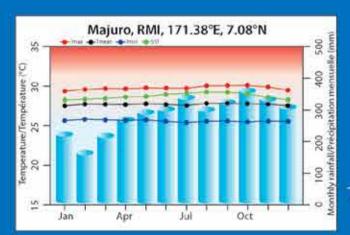
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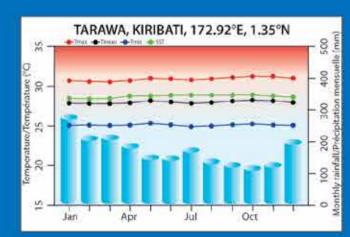


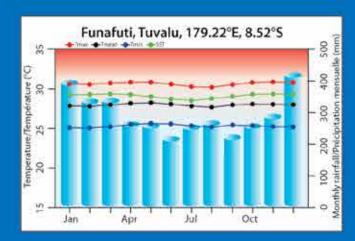
#### 3. Climate in the Pacific - Le climat dans la région océanienne

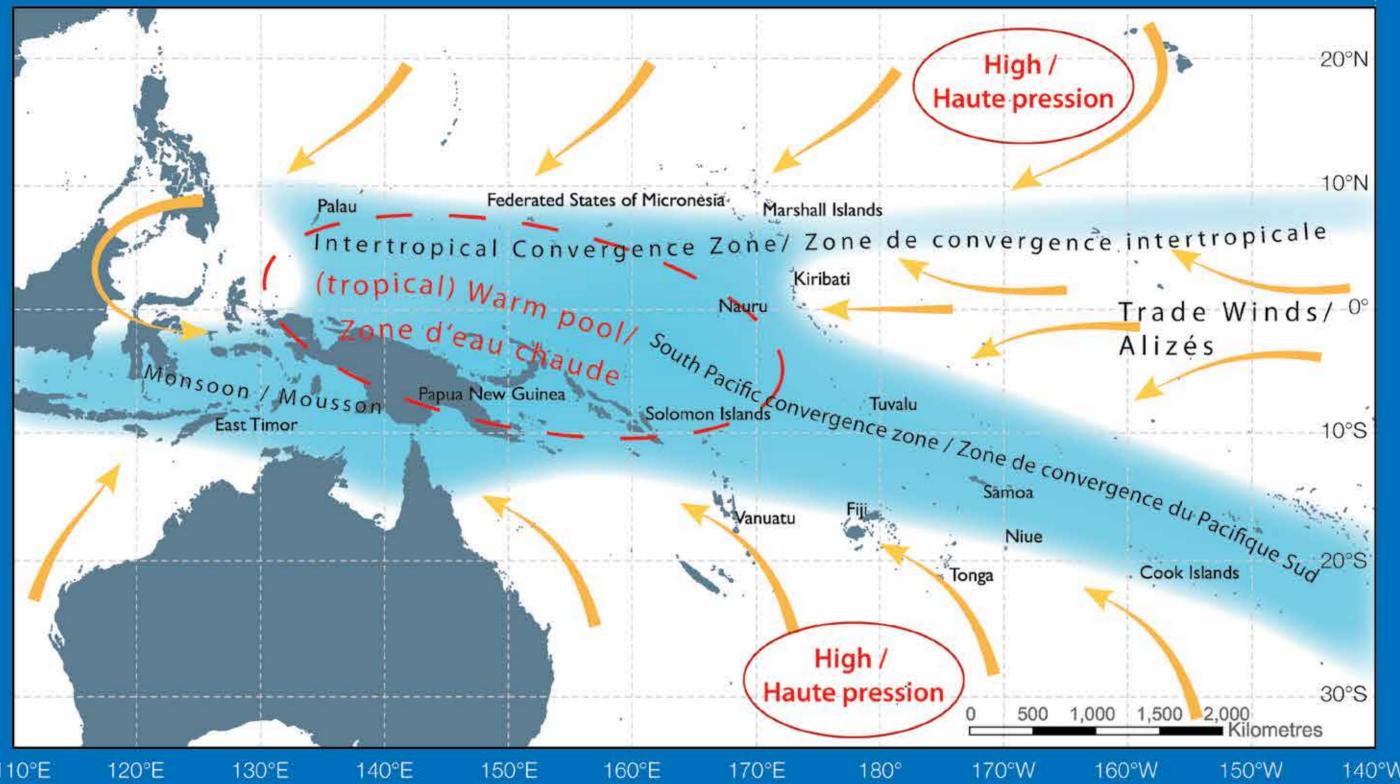








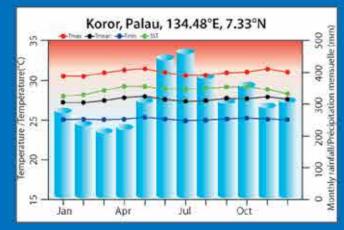


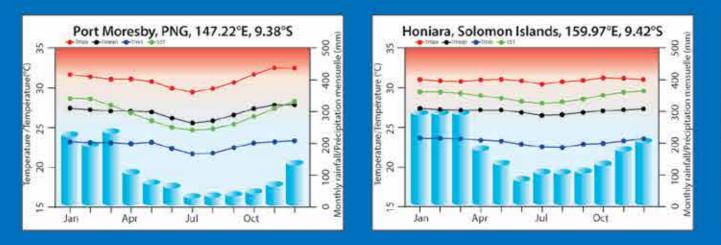


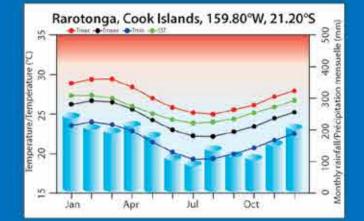


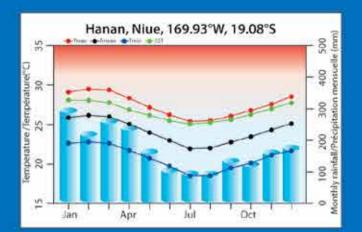
Monthly average maximum air temperature (red), mean air temperature (black), minimum air temperature (blue), sea-surface temperature (green) and average monthly rainfall (blue bars) at key locations in each of the Partner Countries. Station data over 1961–1990 were used.

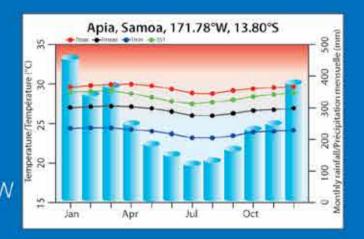
Température moyenne maximale mensuelle de l'air (en rouge), température moyenne de l'air (en noir), température minimale de l'air (en bleu), température de la mer en surface (en vert) et précipitations moyennes mensuelles (barres bleues) dans des zones clés situées dans chacun des pays partenaires. On a utilisé les données des stations de 1961 à 1990.

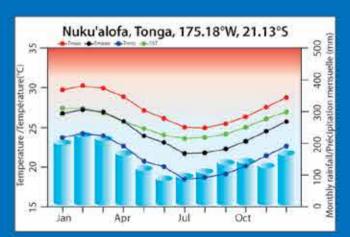




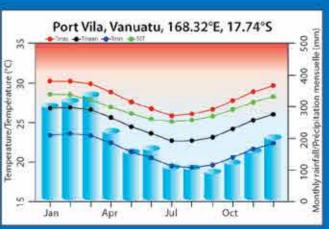




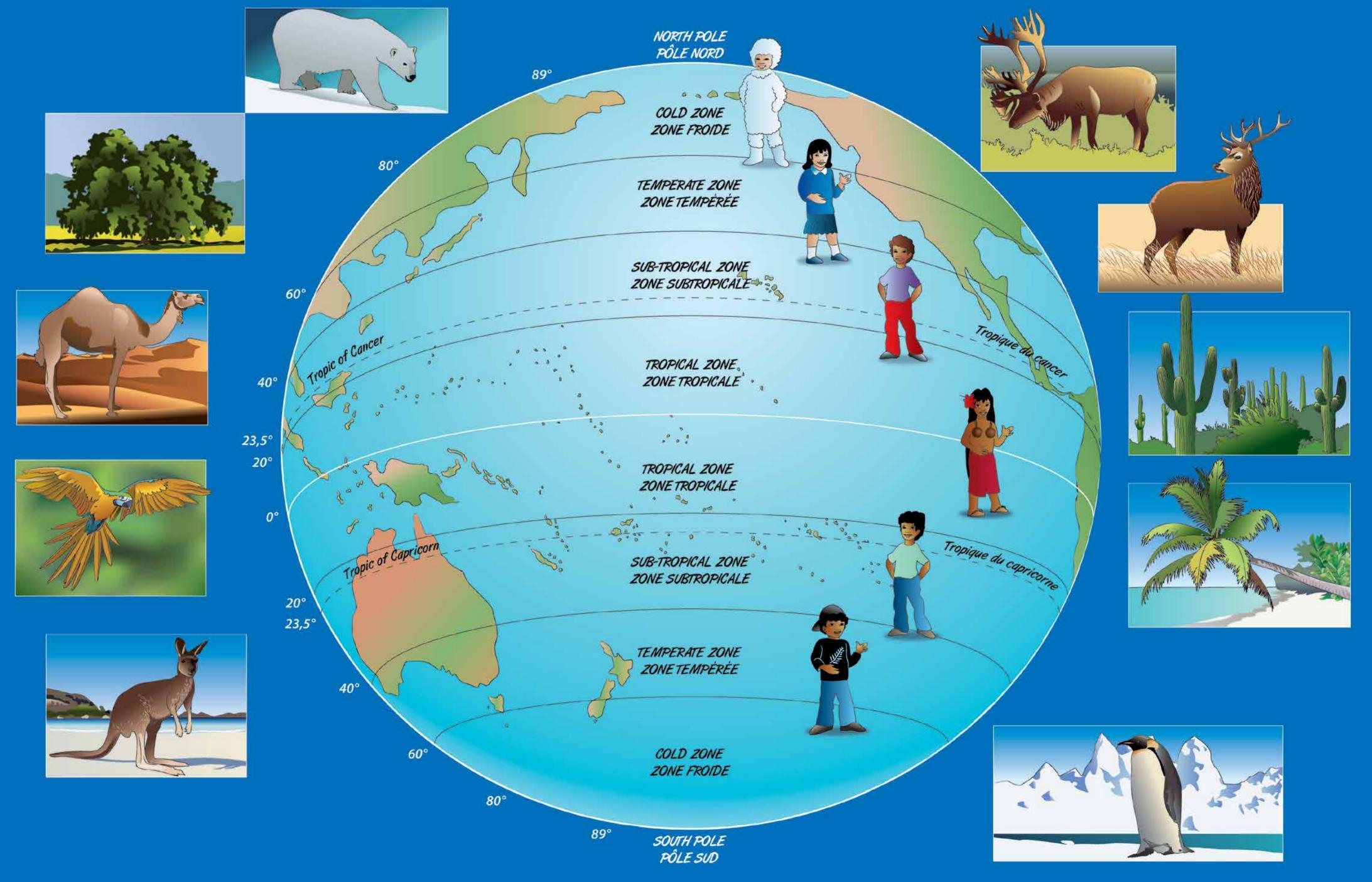




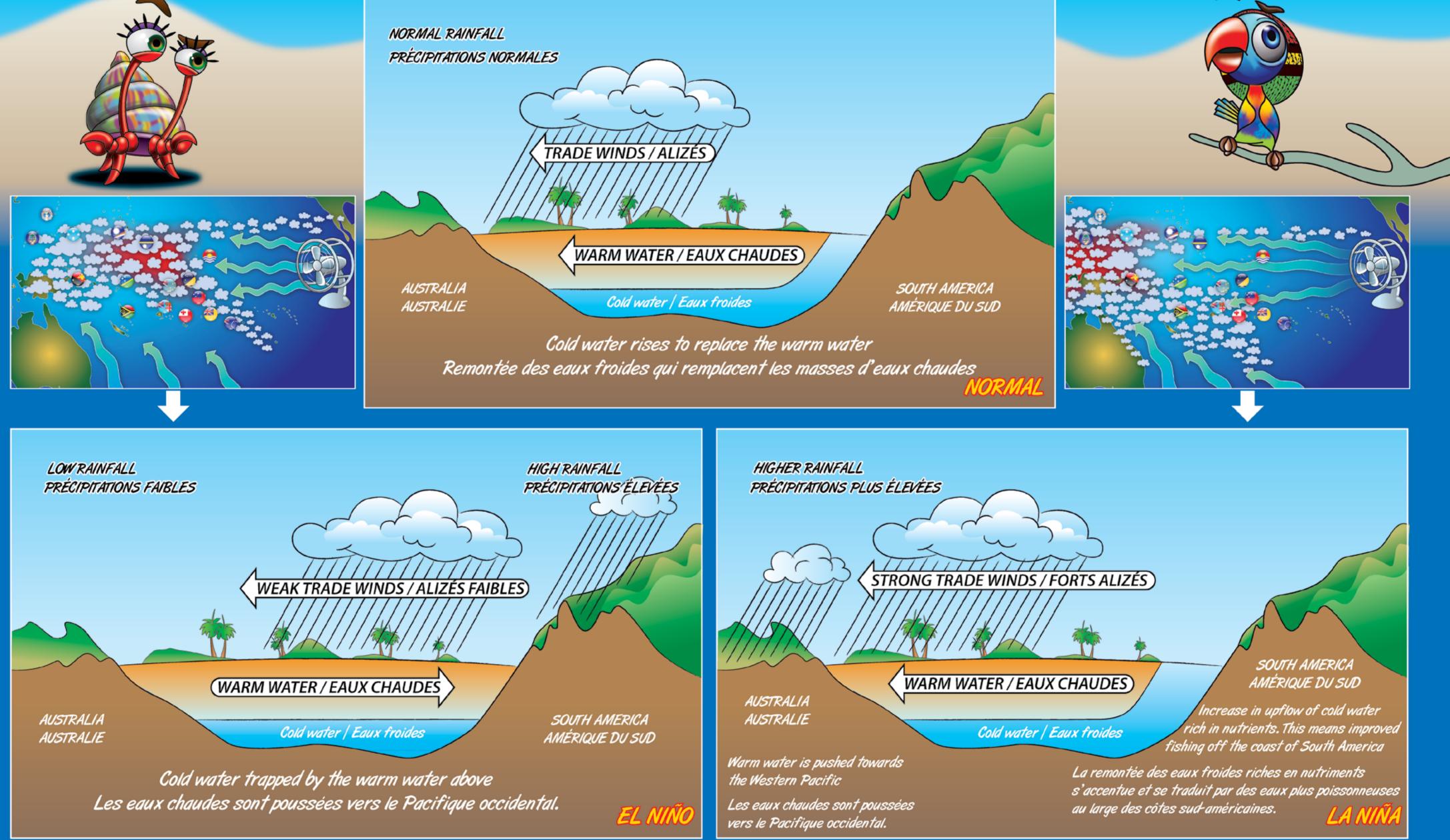




#### 4. Global climate - Le climat mondial



### 5. El Niño Southern Oscillation (ENSO) and climate variability / Le phénomène d'oscillation australe El Niño (OAEN) et la variabilité climatique



Crab, parrot and small El Nino & La Nina illustrations provided with courtesy of ABM-CSIRO-RCCC 2013. Le crabe, le perroquet et les petites illustrations d'El Niño et La Niña sont reproduites avec l'aimable autorisation d'ABM-CSIRO-RCCC 2013.

## 6. Causes of Climate Change / Les causes du changement climatique



## 7. Interrelationships / Les liens d'interdépendance

FRESHWATER LENS / LENTILLE D'EAU DO

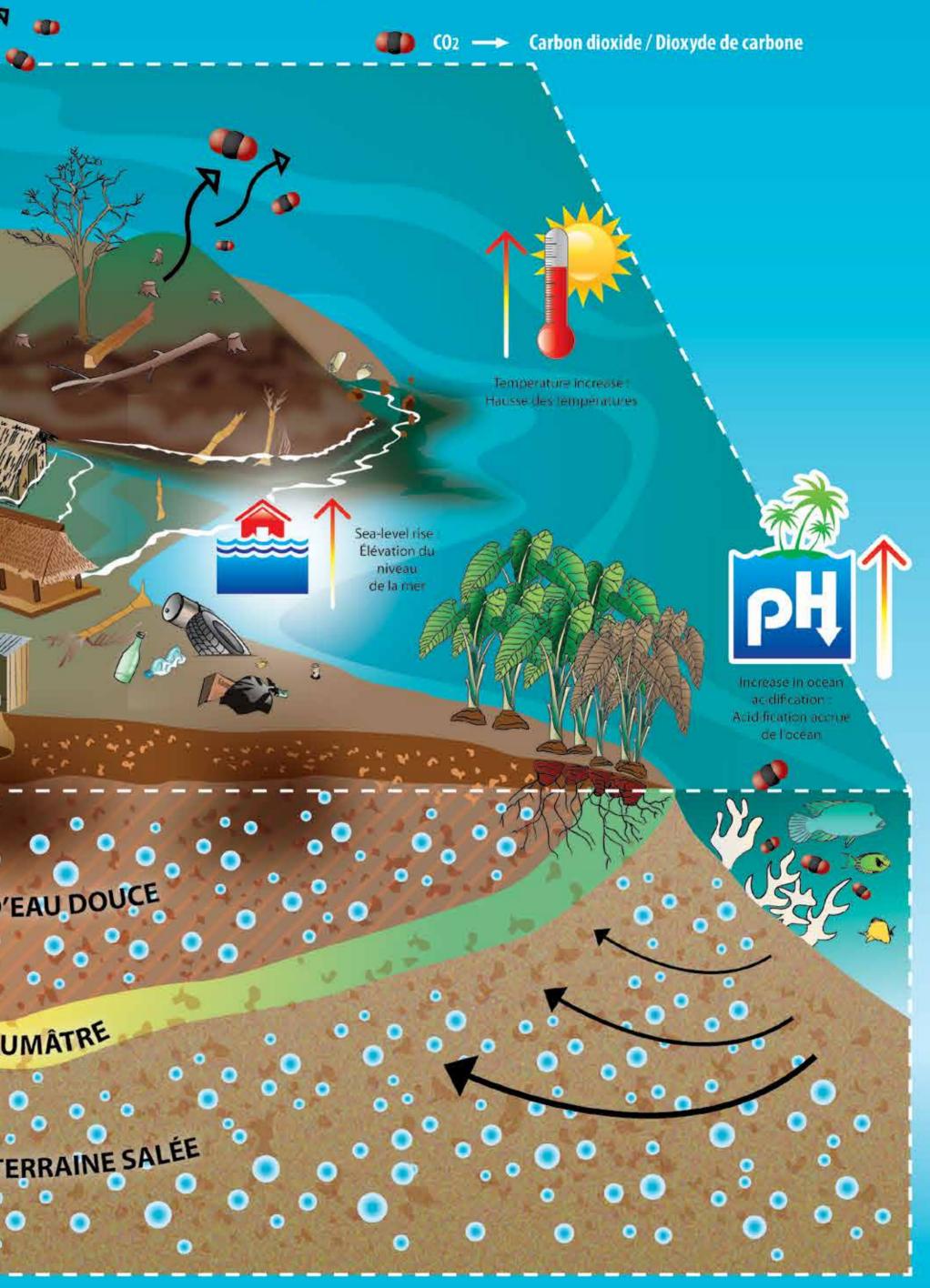
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BRACKISH WATER / EAU SAUMÂTRE

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SALINE GROUNDWATER / EAU SOUTERRAINE SALÉE



### 8. The changing climate of Niue

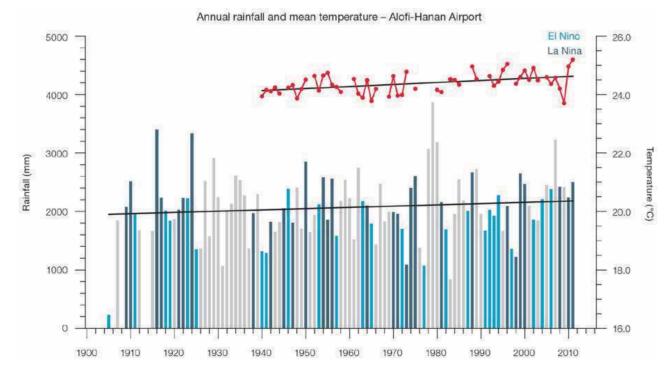


Magahala magomago or magahala to laa

Tau matagi malõlõ

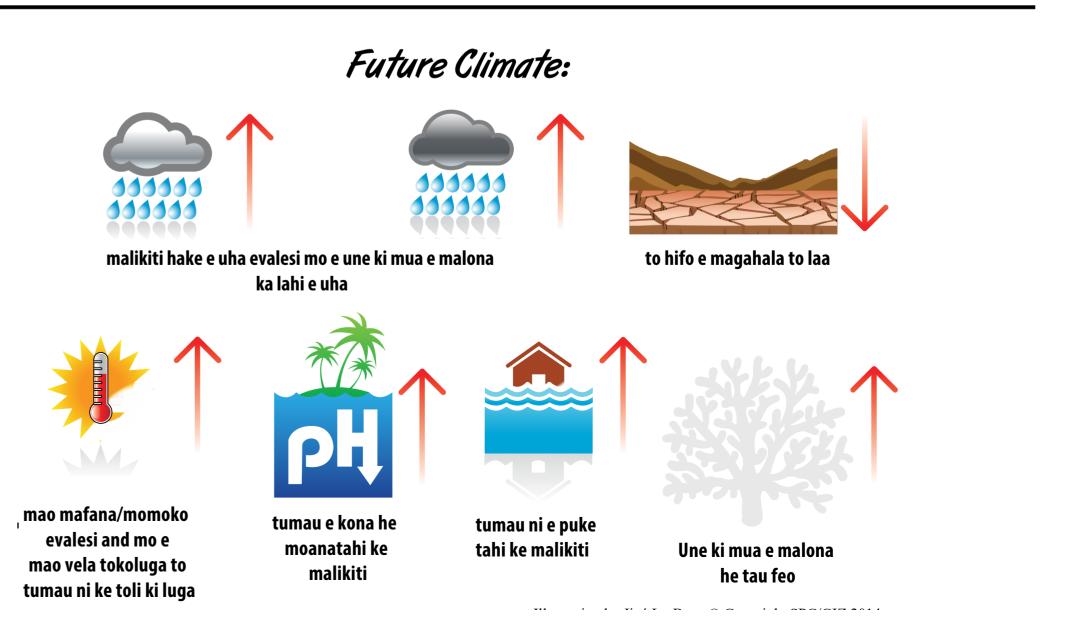
Changing Climate:

#### Uha he tau and Mao mafana/momoko vahaloto - Alofi-Hanan Airport



Observed time series of annual average values of mean air temperature (red dots and line) and total rainfall (bars) at Alofi-Hanan Airport. Light blue, dark blue and grey bars denote El Niño, La Niña and neutral years respectively. Solid black trend lines indicate a least squares fit.

Tau tukuna peau





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## 10. Pasifika during a drought - Pasifika après un ép<mark>isode de séc</mark>heresse



Illustration by Jipé Le-Bars. © Copyright SPC/GIZ 2014.

WATER / EAU

# II. Mitigation and adaptation activities - Mesures d'atténuation et d'adaptation

Mitigation - Atténuation

Mitigation + Adaptation - Atténuation + Adaptation



Adaptation - Adaptation











AT

STAN.

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Buses Limito

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