

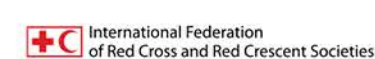
Learning about climate change the Pacific way *A visual guide*



Samoa



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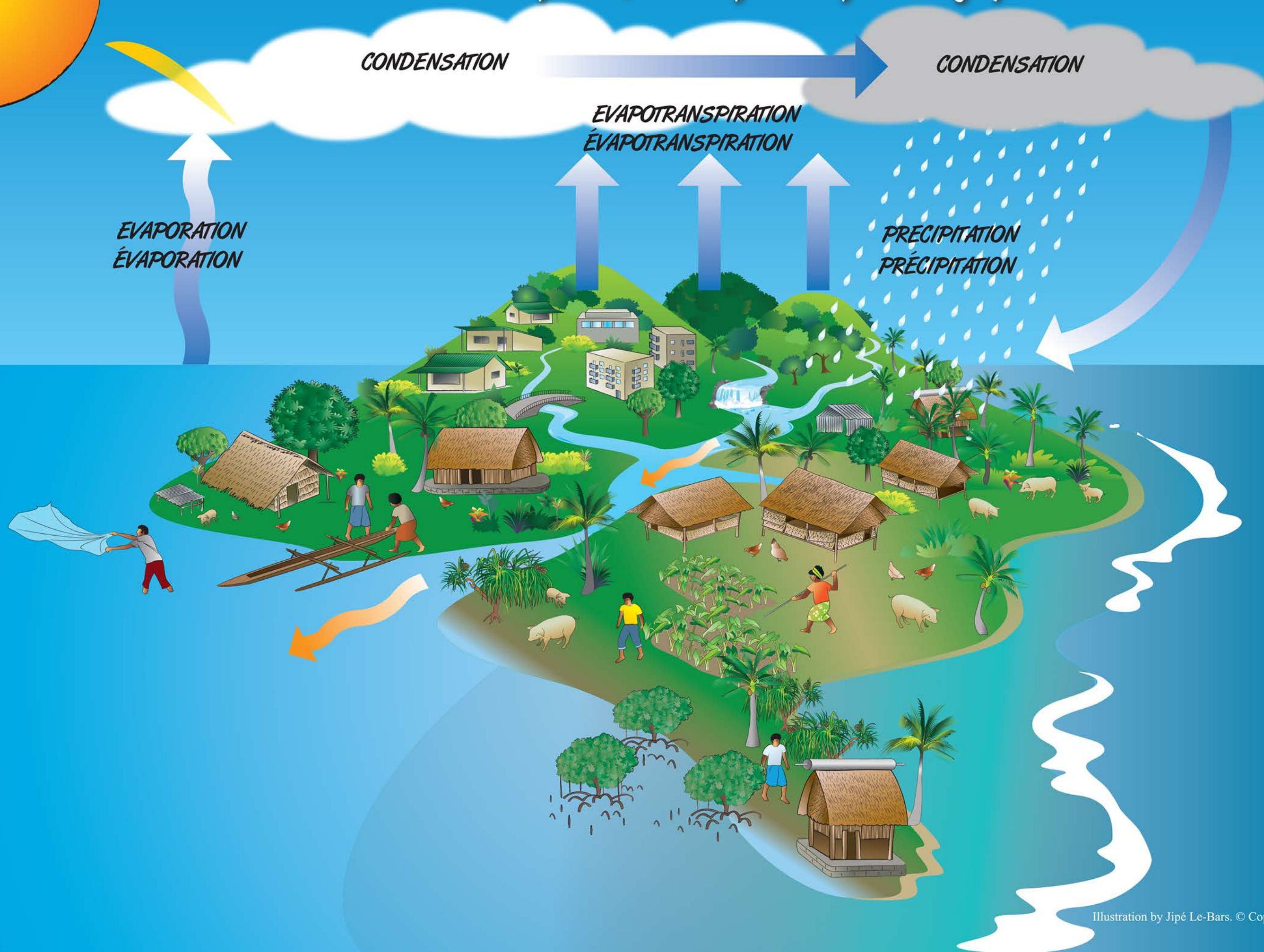
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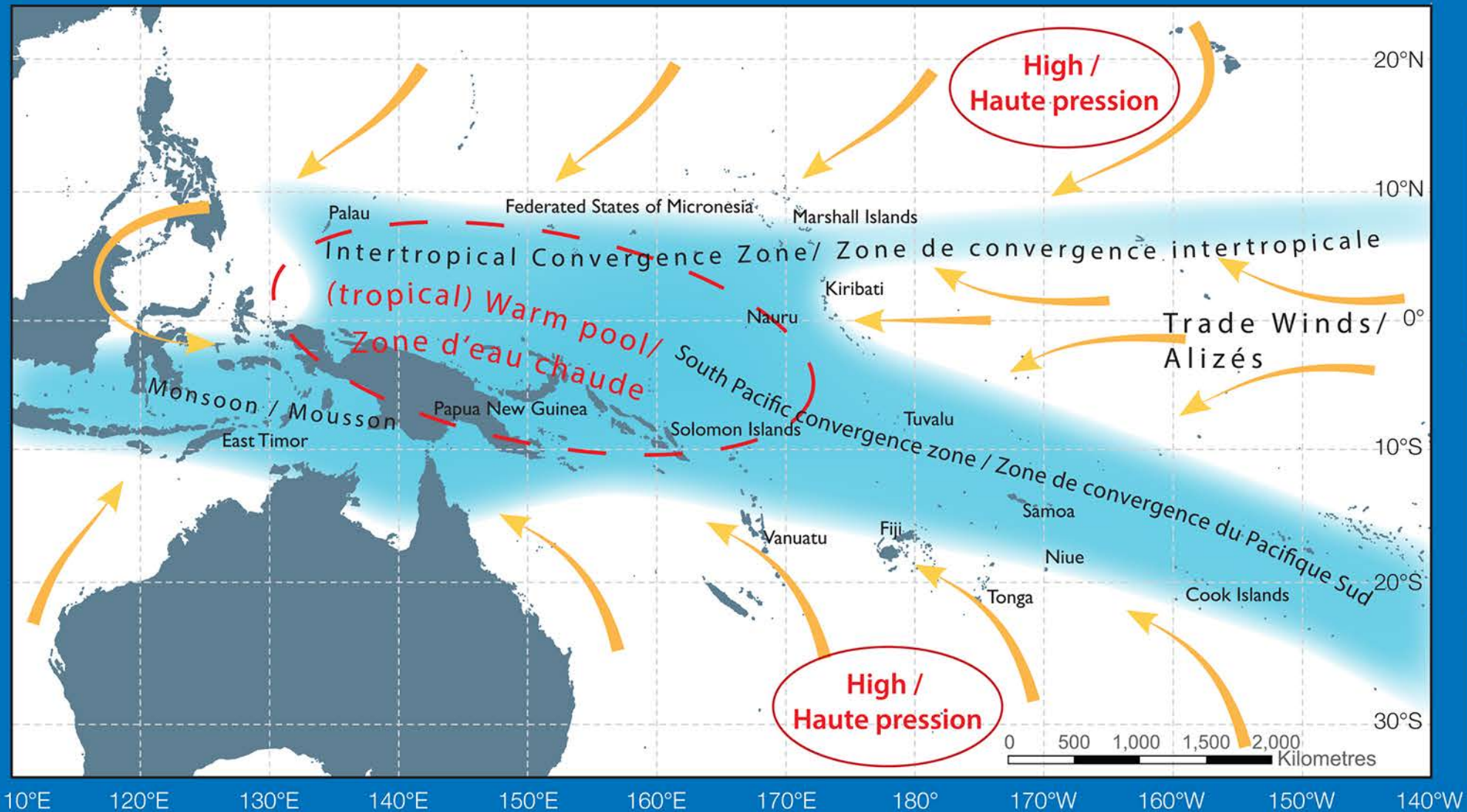
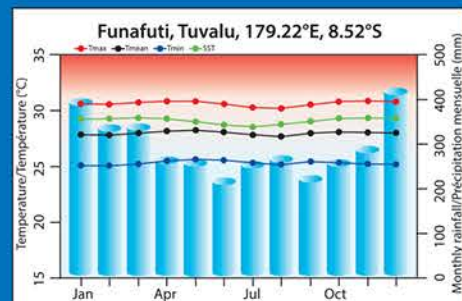
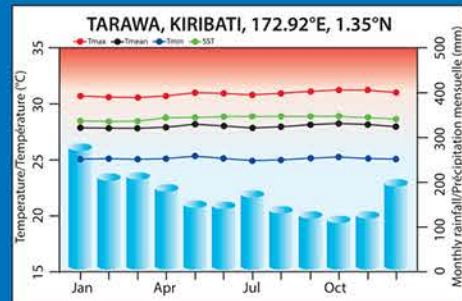
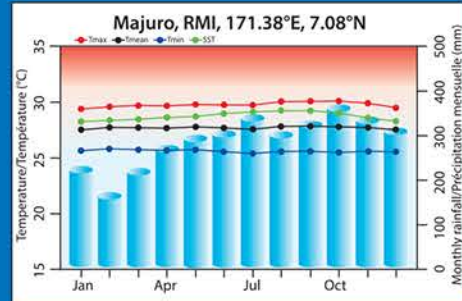
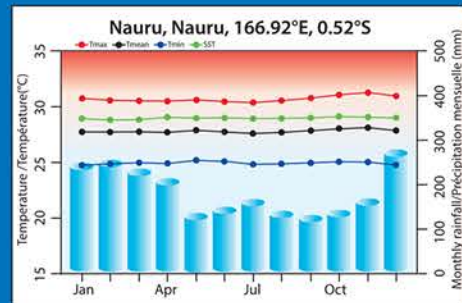
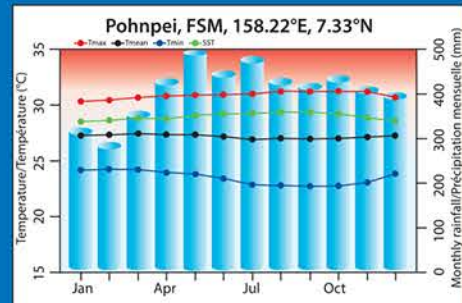
I. Pasifika



2. The Water Cycle / Le cycle hydrologique



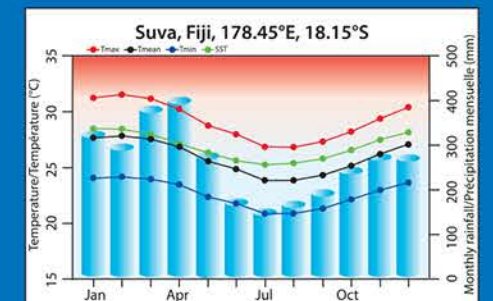
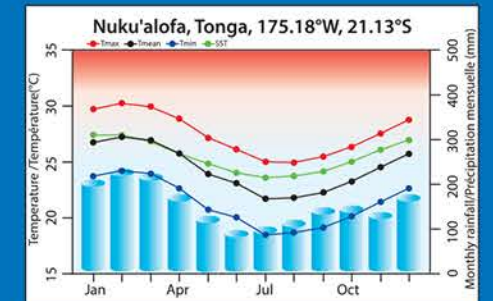
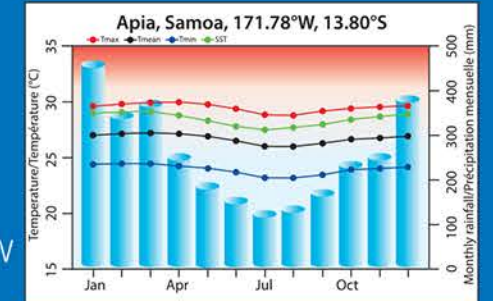
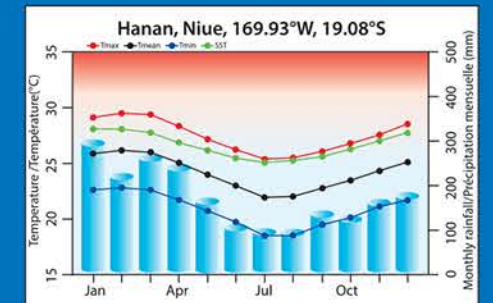
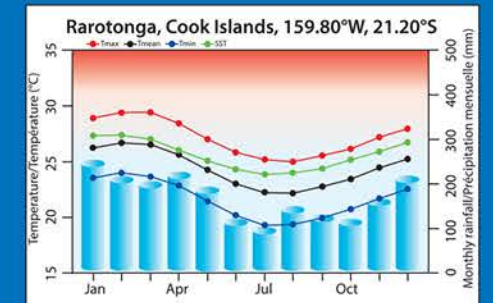
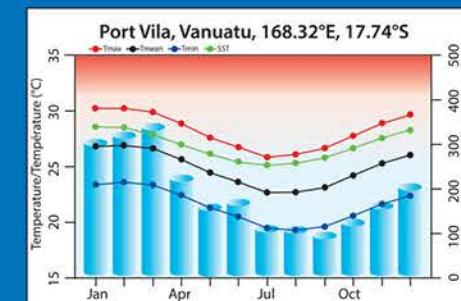
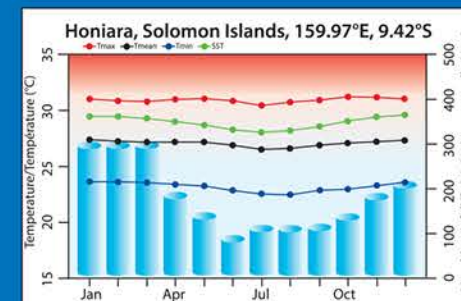
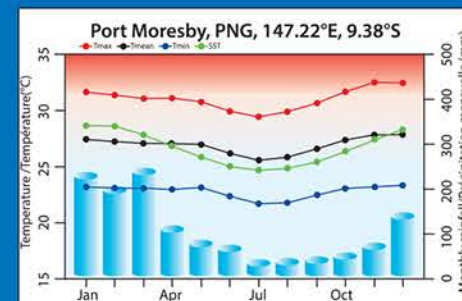
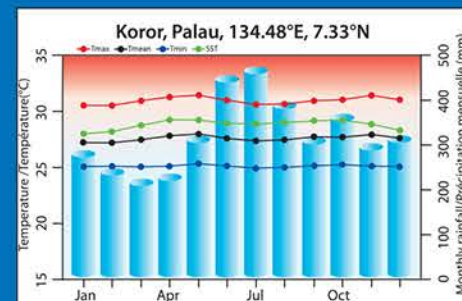
3. Climate in the Pacific - Le climat dans la région océanienne



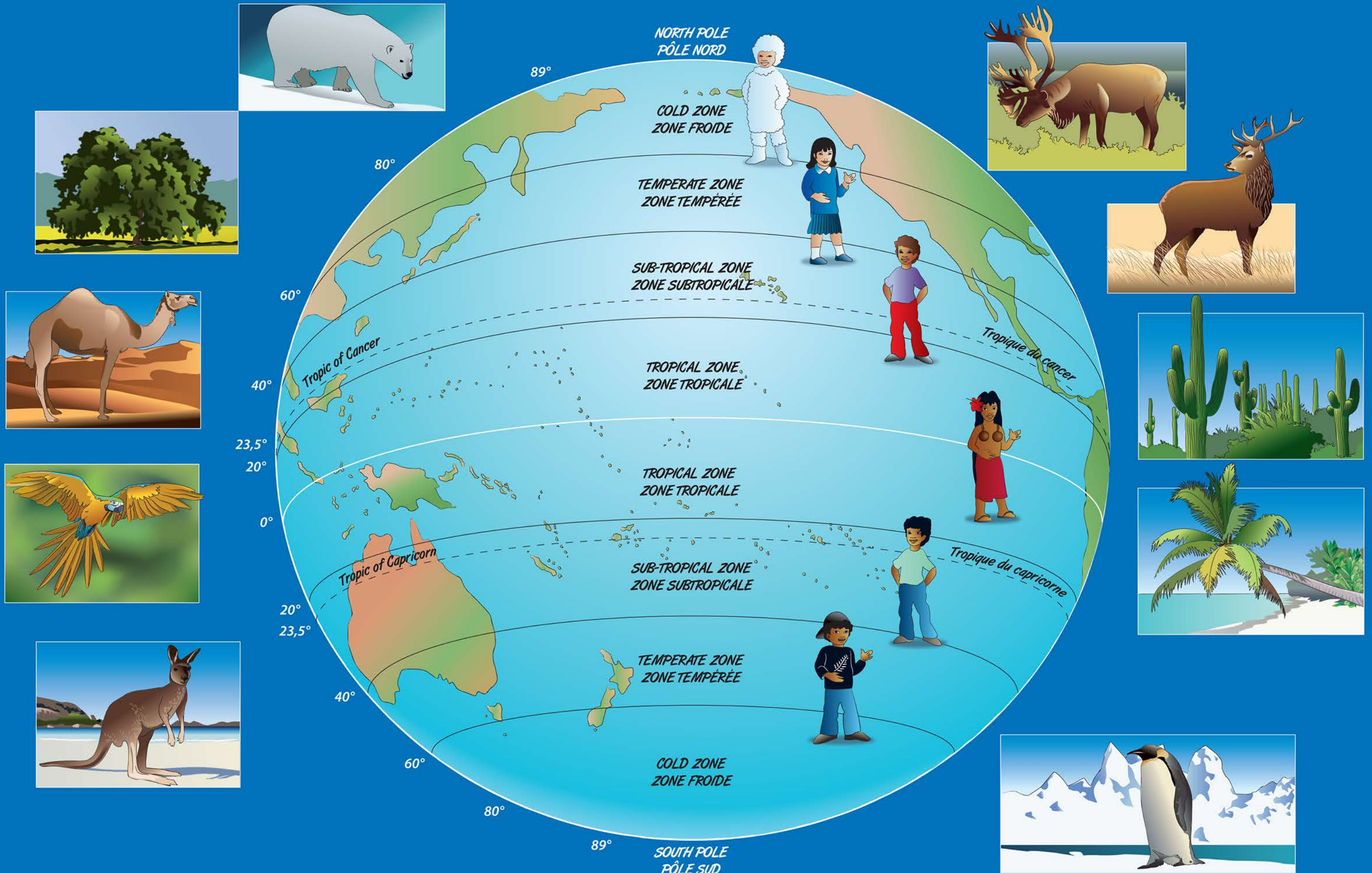
ABM-CSIRO 2011, Vol 1: 37, 42. BMA-CSIRO 2011, Vol 1: 37, 42

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.

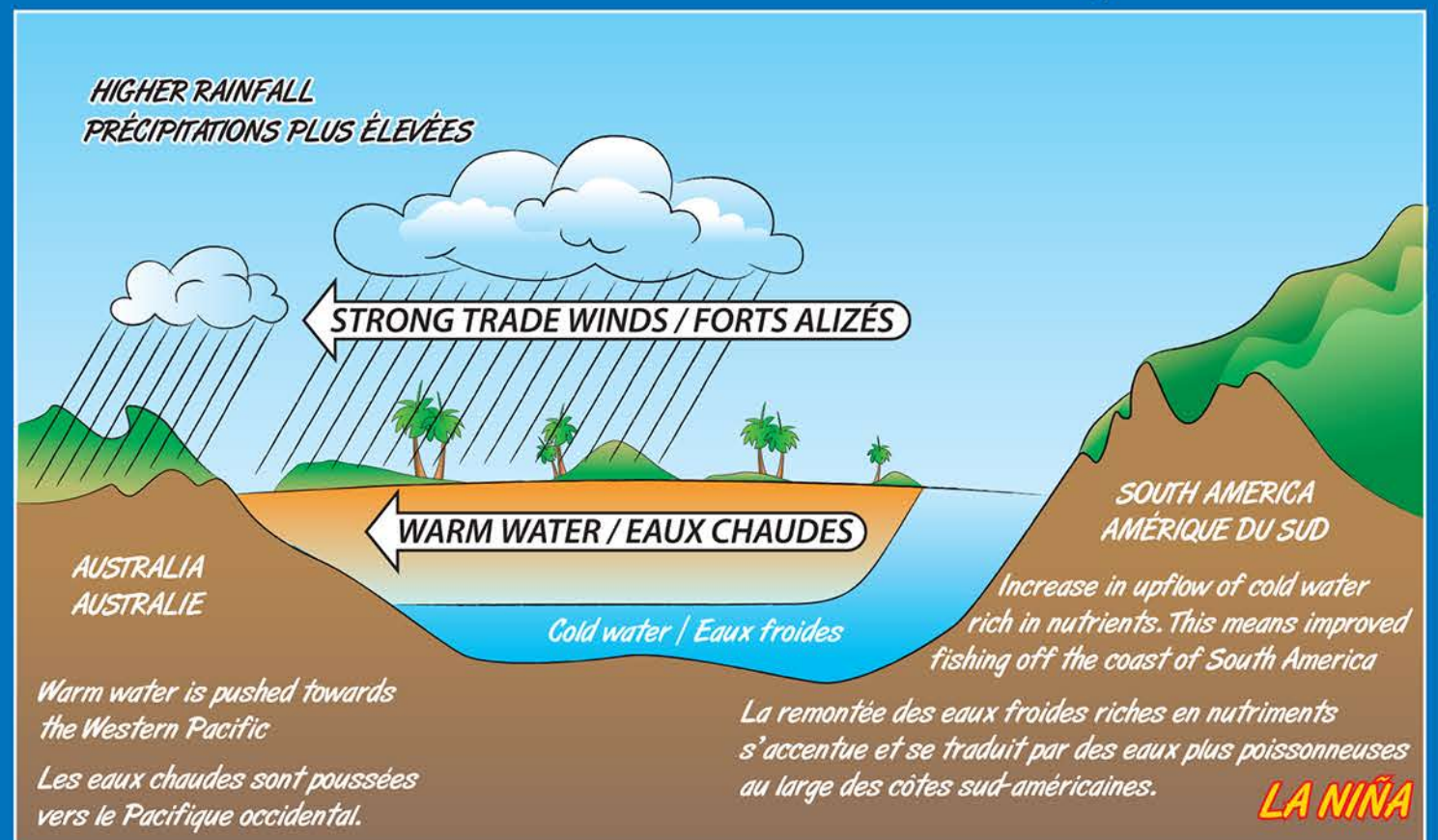
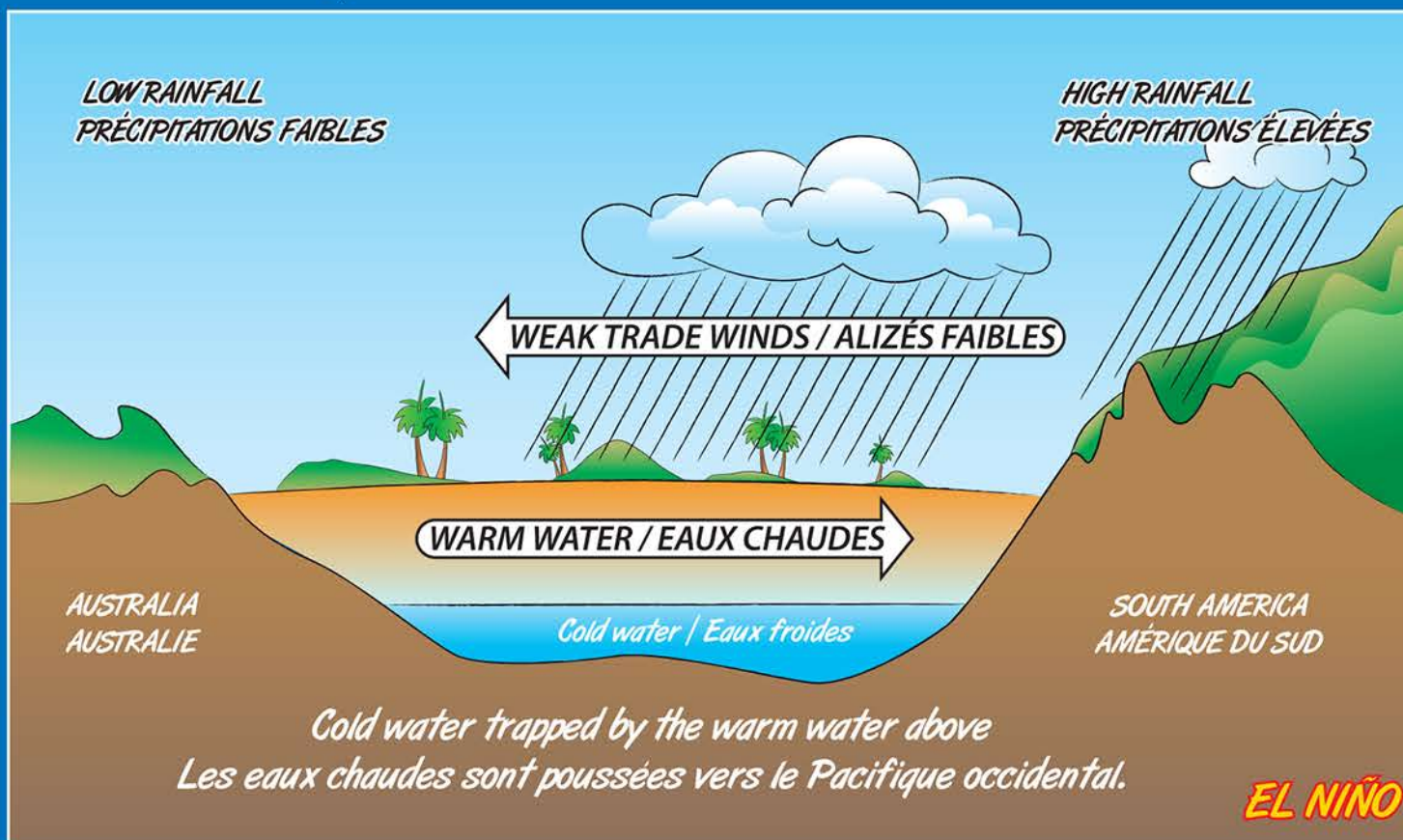
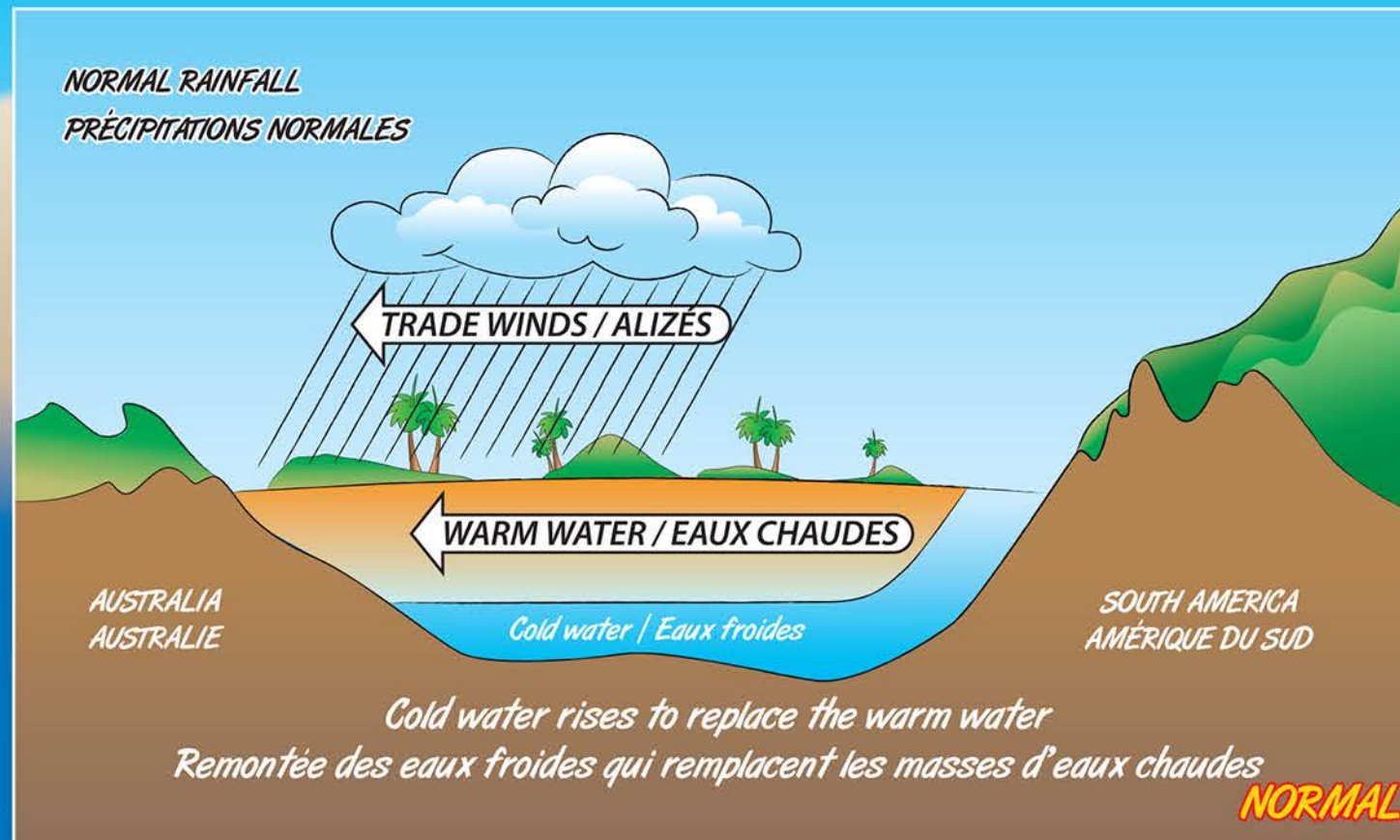
Température moyenne maximale mensuelle de l'air (en rouge), température moyenne de l'air (en noir), température minimale de l'air (en bleu), température de la mer en surface (en vert) et précipitations moyennes mensuelles (barres bleues) dans des zones clés situées dans chacun des pays partenaires. On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



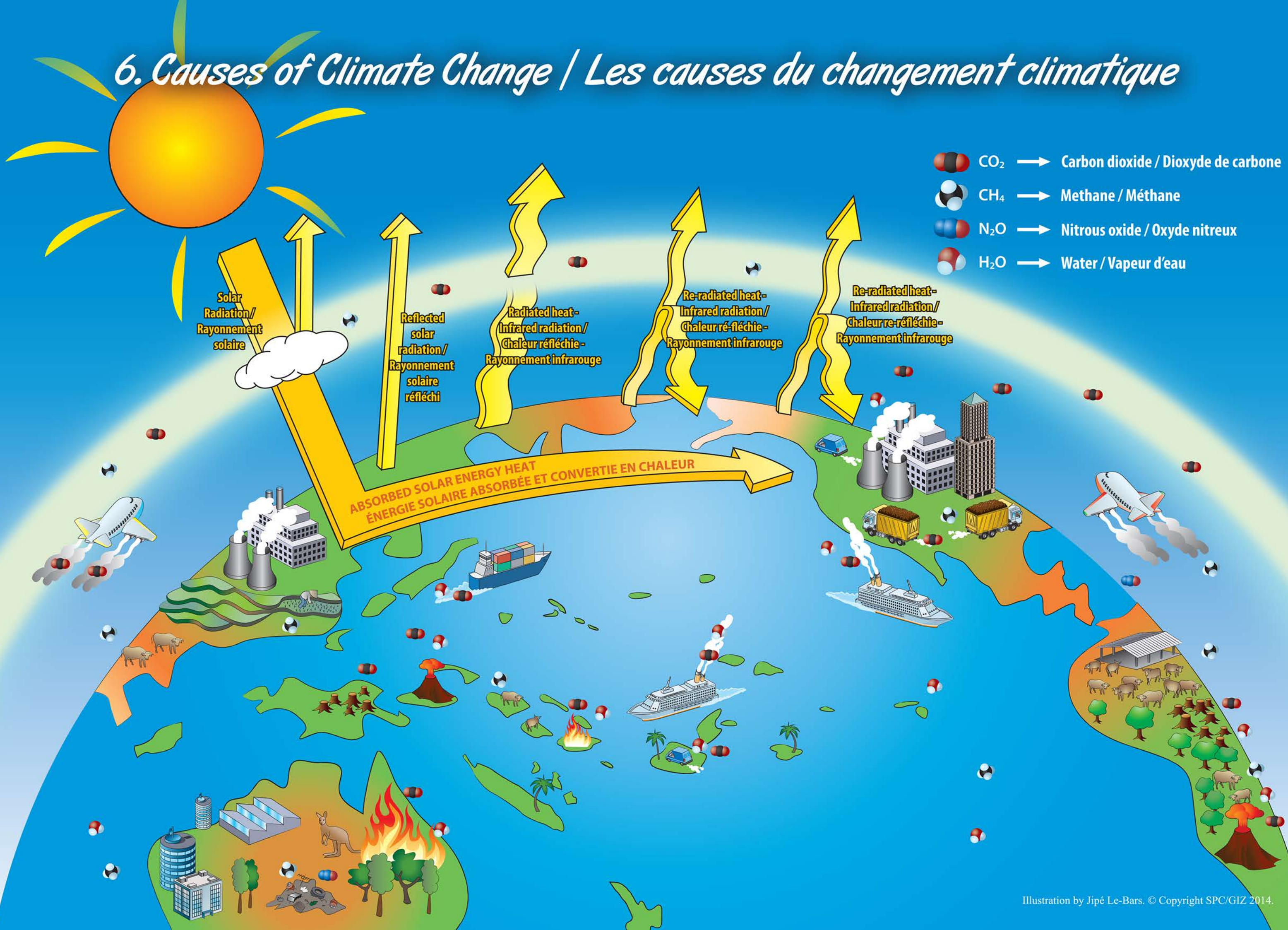
4. Global climate - Le climat mondial



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



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



7. Interrelationships / Les liens d'interdépendance



8. The changing climate of Samoa



Coral during bleaching event, 2000

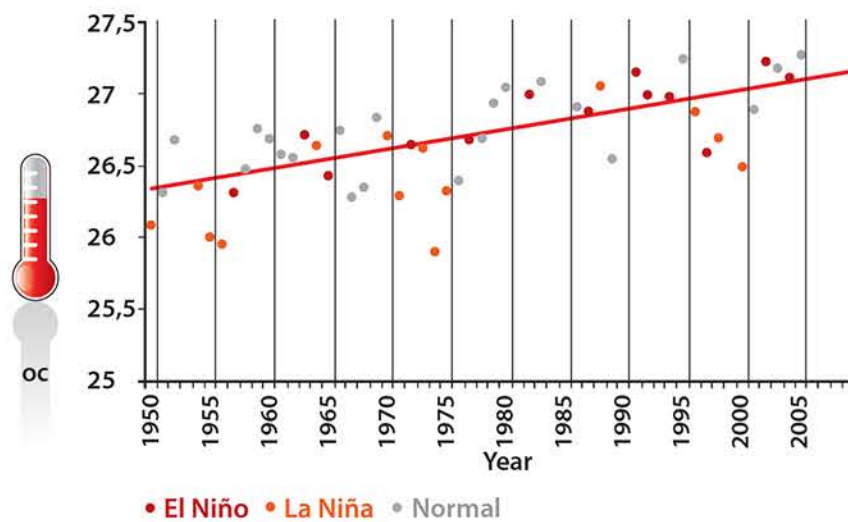


Priscilla Olano, 2012



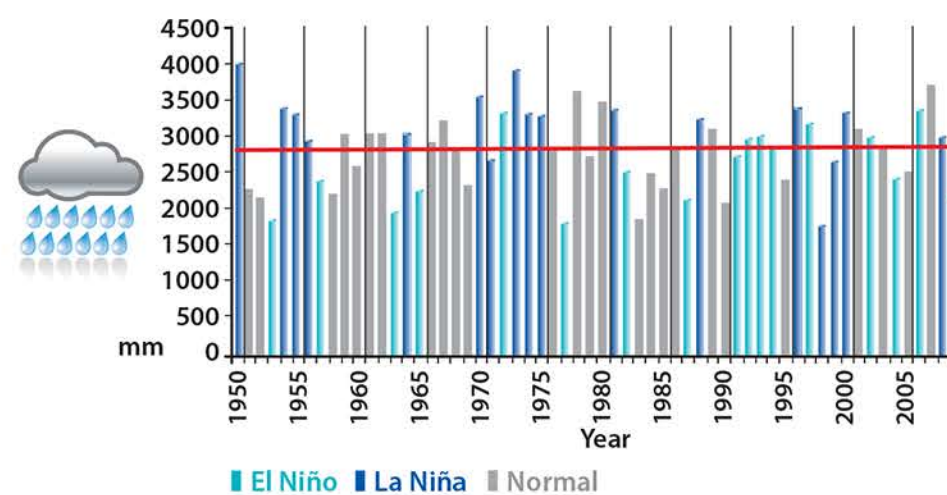
Changing Climate:

Average annual temperature for Apia



Source: ABM & CSIRO 2011

Average annual rainfall for Apia



Decrease in dry season rainfall



Increase in wet season rainfall

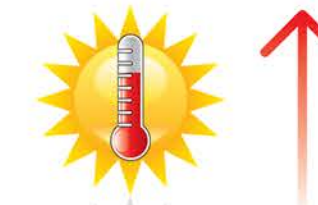


More extreme rainfall days

Future Climate:



Increase in ocean acidification



Temperature increase and more very hot days



Sea-level rise



Cyclones less frequent but more intense

*9. Pasifika after a cyclone or severe storm /
Pasifika après le passage d'un cyclone ou une forte tempête*



10. Pasifika during a drought - Pasifika après un épisode de sécheresse



11. Mitigation and adaptation activities - Mesures d'atténuation et d'adaptation

Mitigation - Atténuation

Mitigation + Adaptation - Atténuation + Adaptation

Adaptation - Adaptation



12. Gardening and livestock / Le jardinage et l'élevage



13. Forestry and agro-forestry / La foresterie et l'agroforesterie



 CO₂ → Carbon dioxide / Dioxyde de carbone

 O₂ → Oxygen / Oxygène

 C → Carbon / Carbone

14. Fishing - La pêche

MPA (Marine Protected Area)
AMP (Aire Marine Protégée)

NO DUMPING AREA
INTERDIT DE JETER DES DÉCHETS

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16. Pasifika with adaptations in place / Pasifika après la mise en œuvre des mesures d'adaptation

