

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



Tuvalu



Source: Ministry of Information, Fiji



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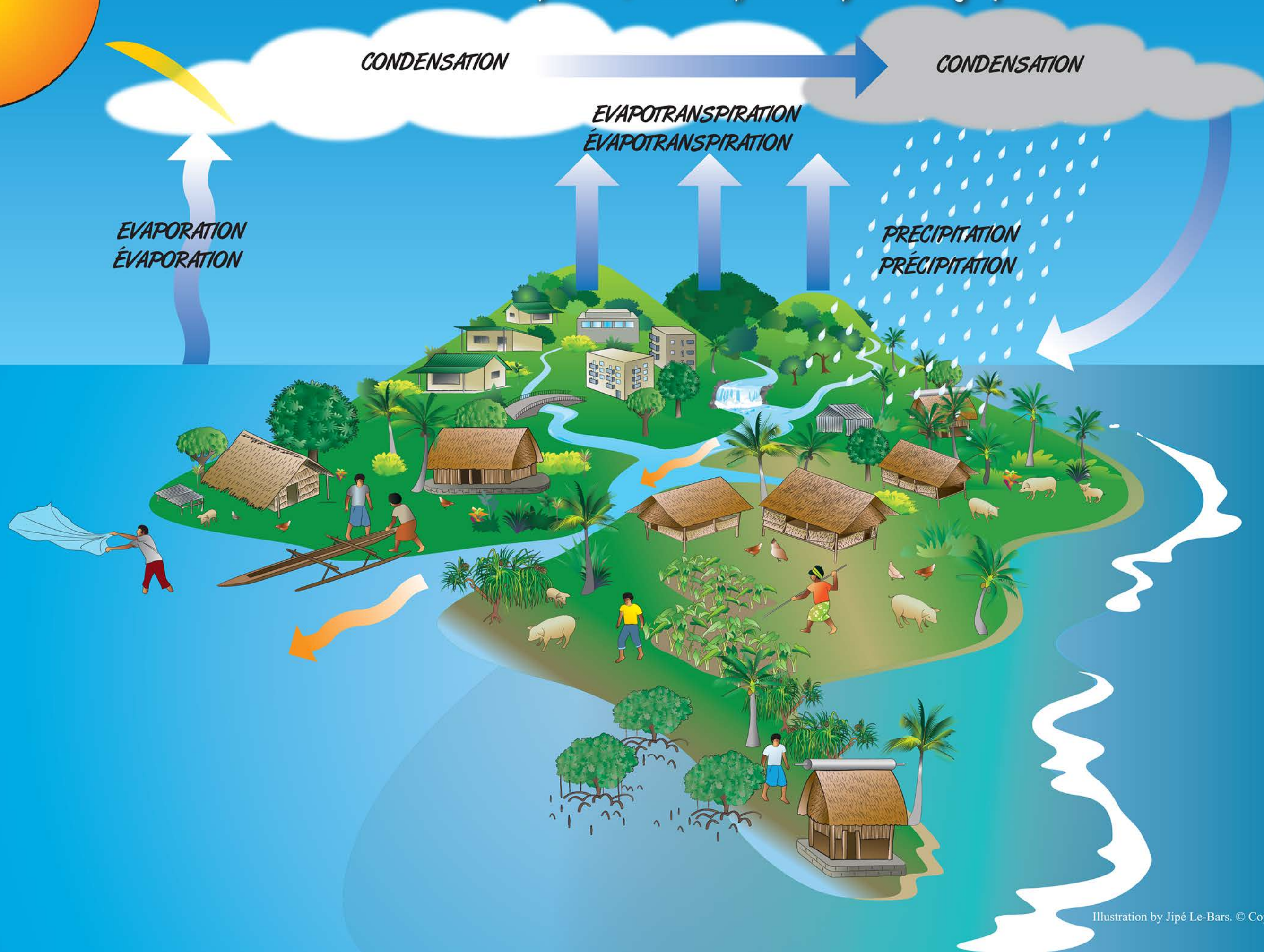
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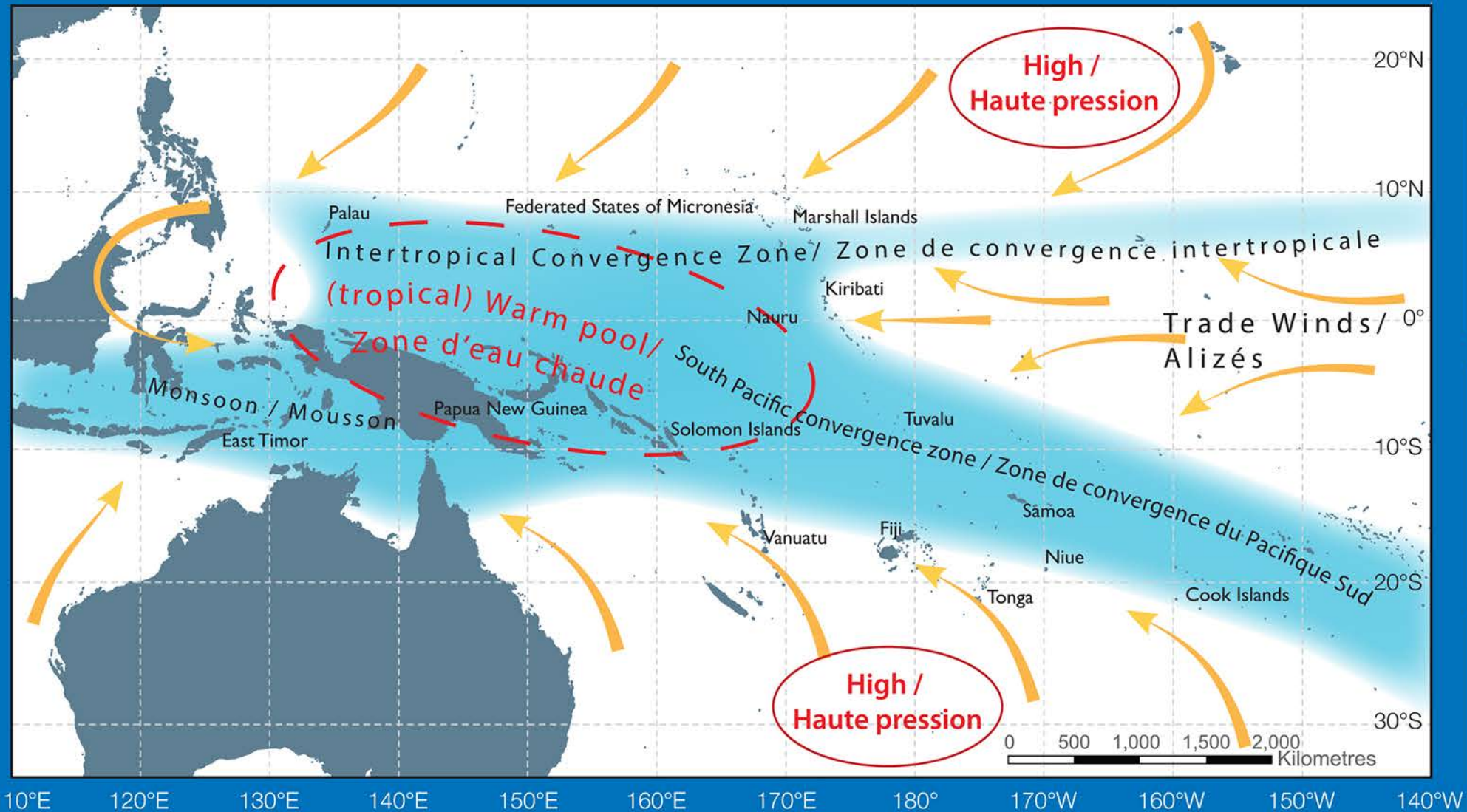
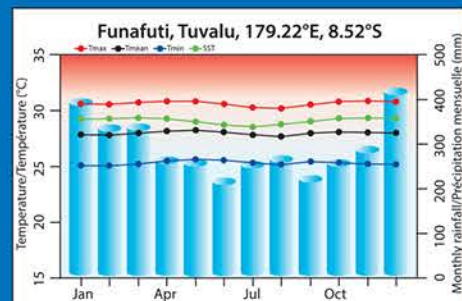
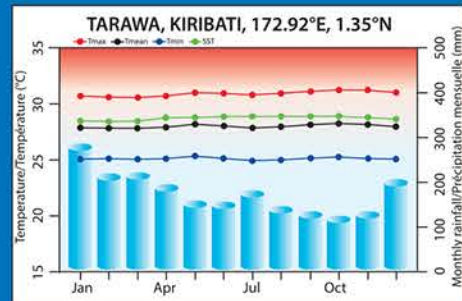
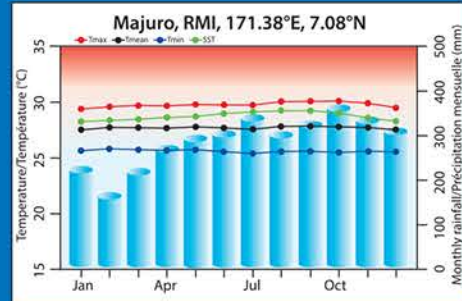
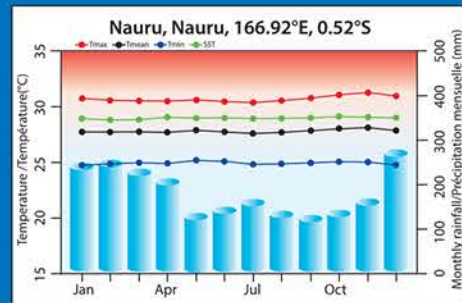
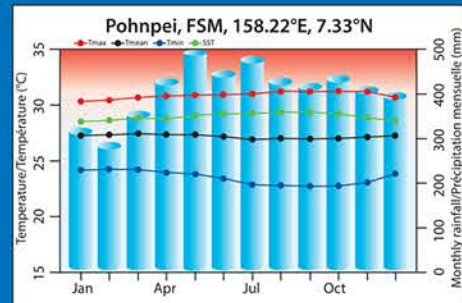
I. Pasifika



2. The Water Cycle / Le cycle hydrologique



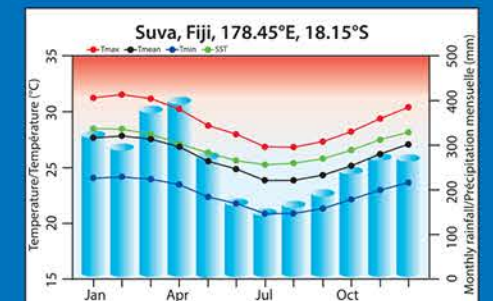
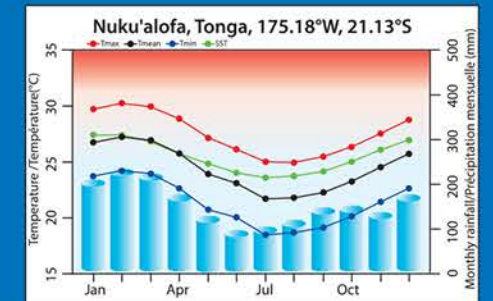
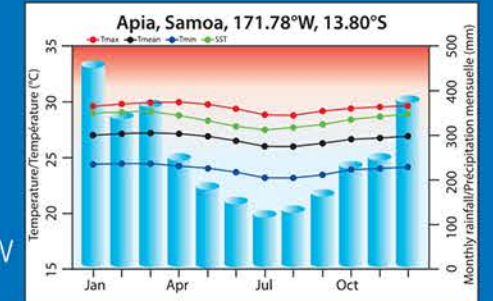
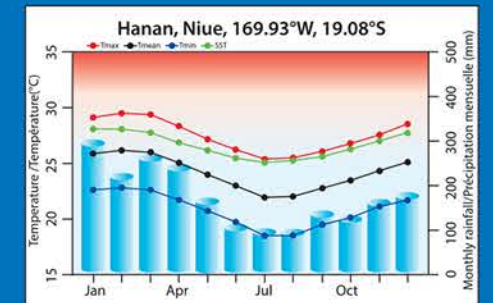
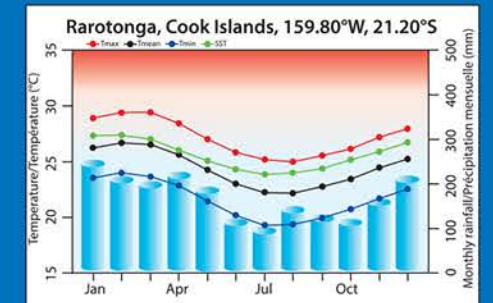
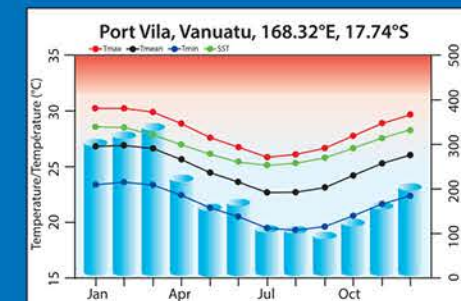
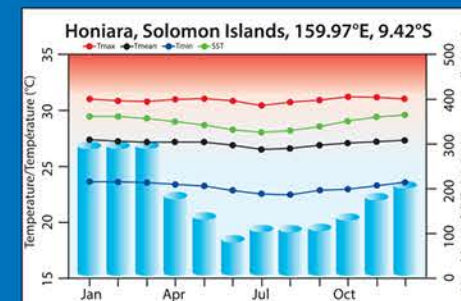
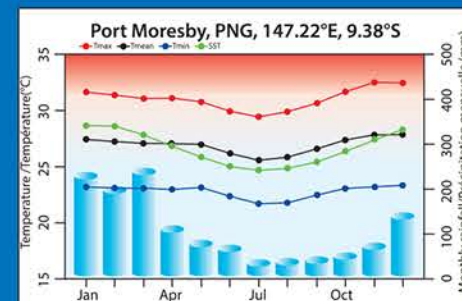
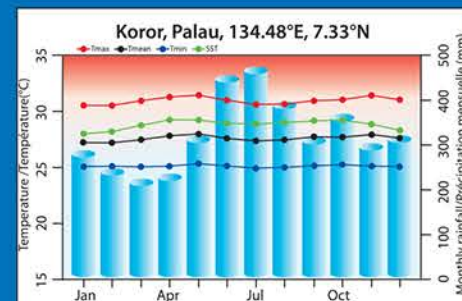
3. Climate in the Pacific - Le climat dans la région océanienne



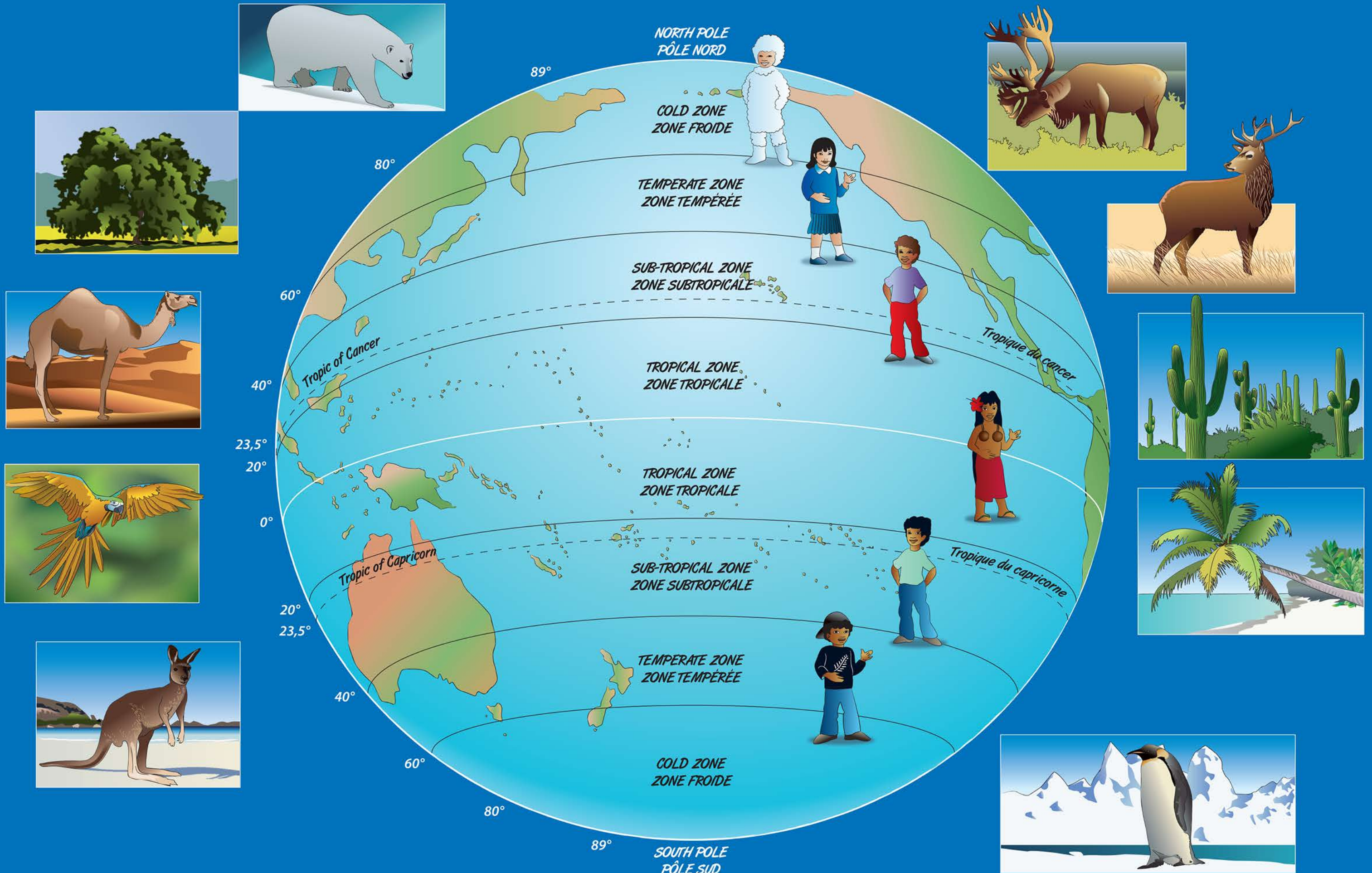
ABM-CSIRO 2011, Vol 1: 37, 42. BMA-CSIRO 2011, Vol 1: 37, 42

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.

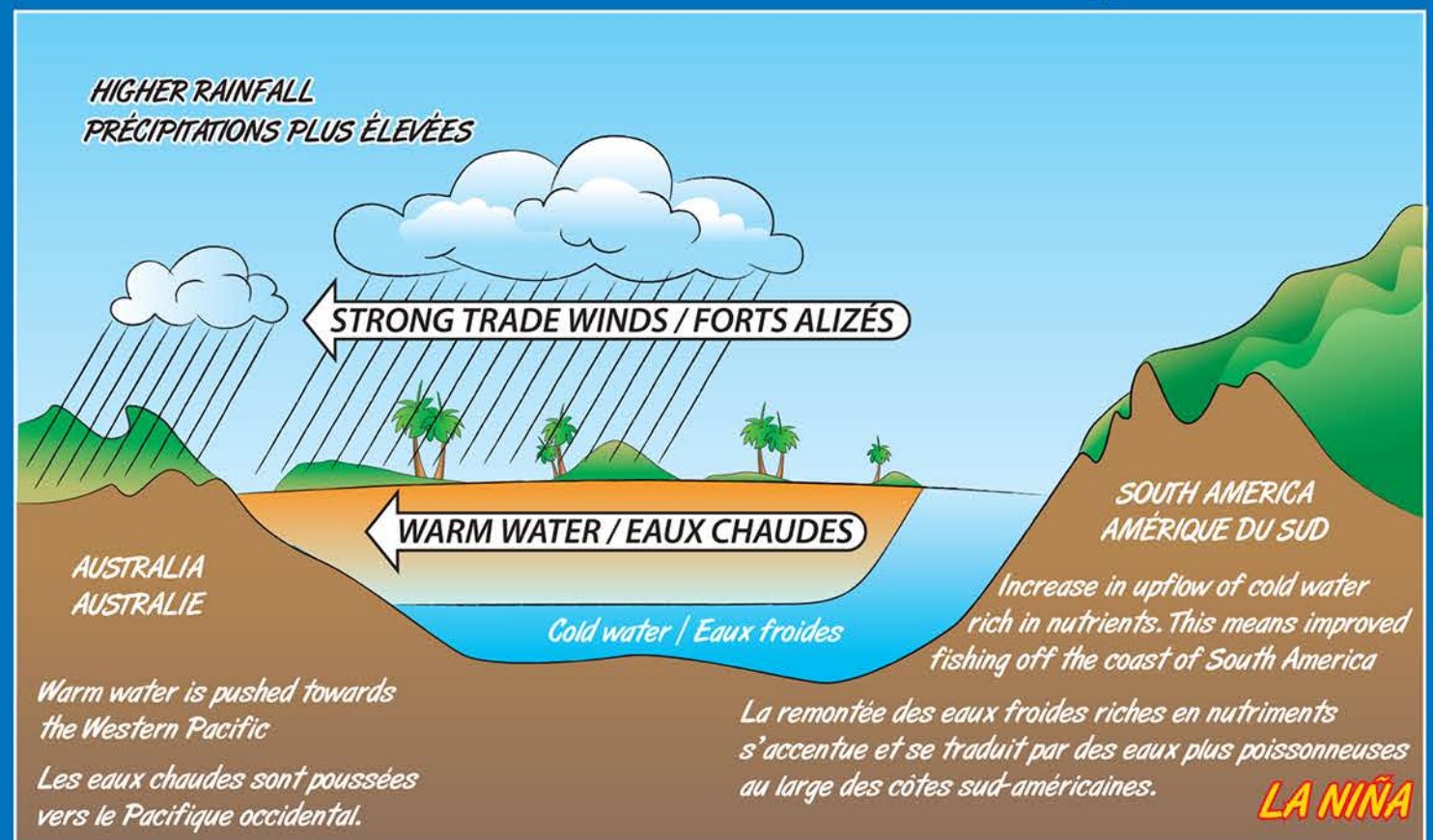
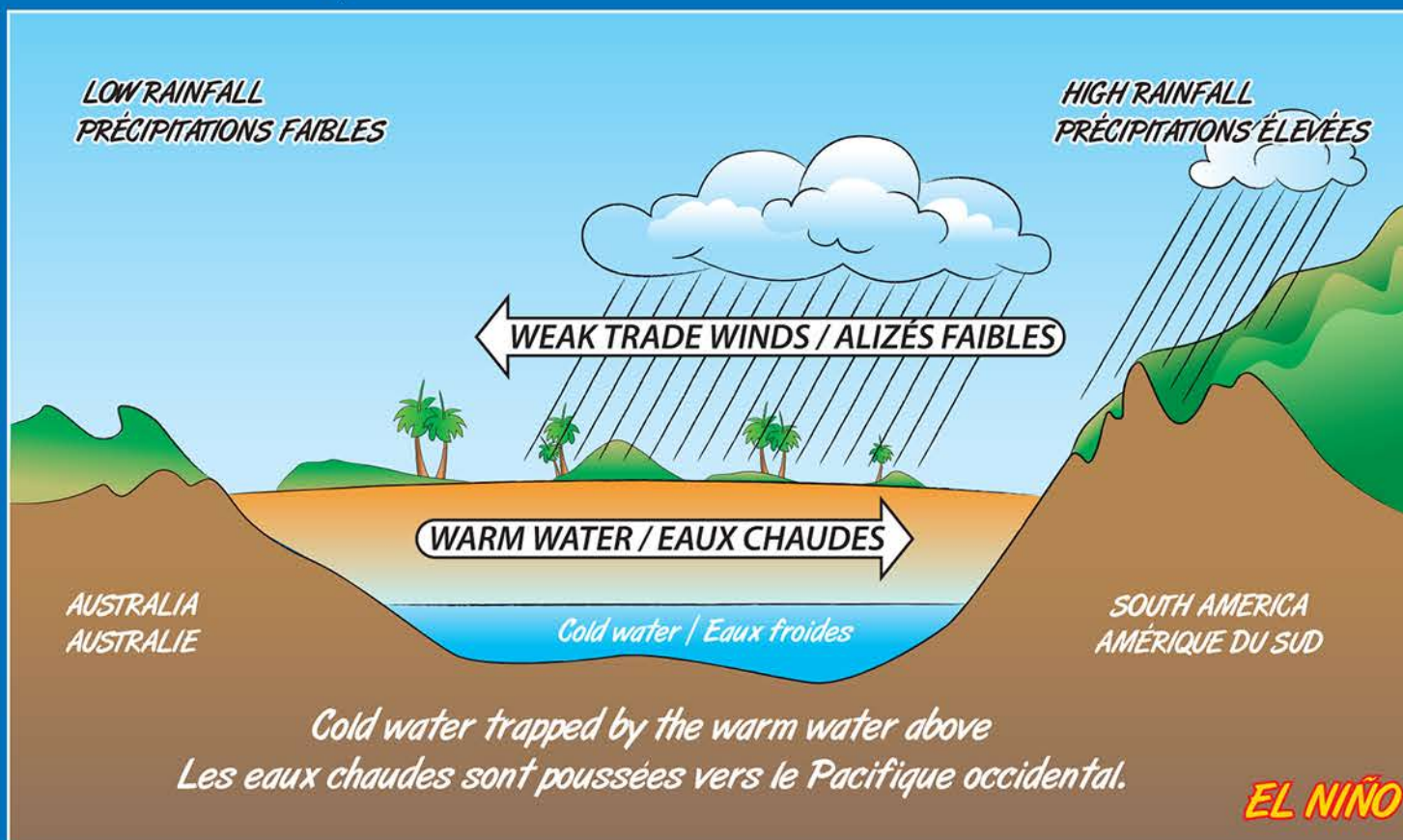
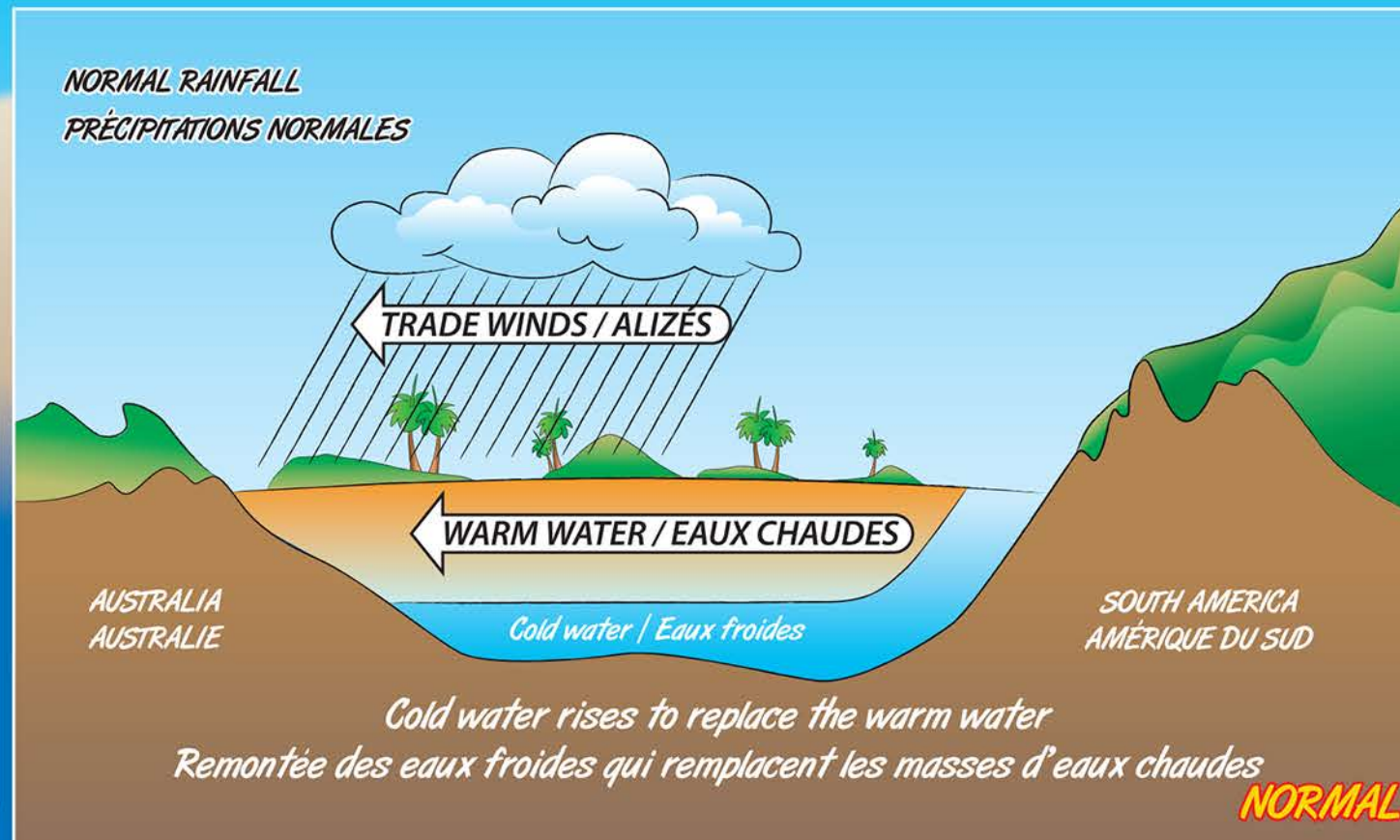
Température moyenne maximale mensuelle de l'air (en rouge), température moyenne de l'air (en noir), température minimale de l'air (en bleu), température de la mer en surface (en vert) et précipitations moyennes mensuelles (barres bleues) dans des zones clés situées dans chacun des pays partenaires. On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



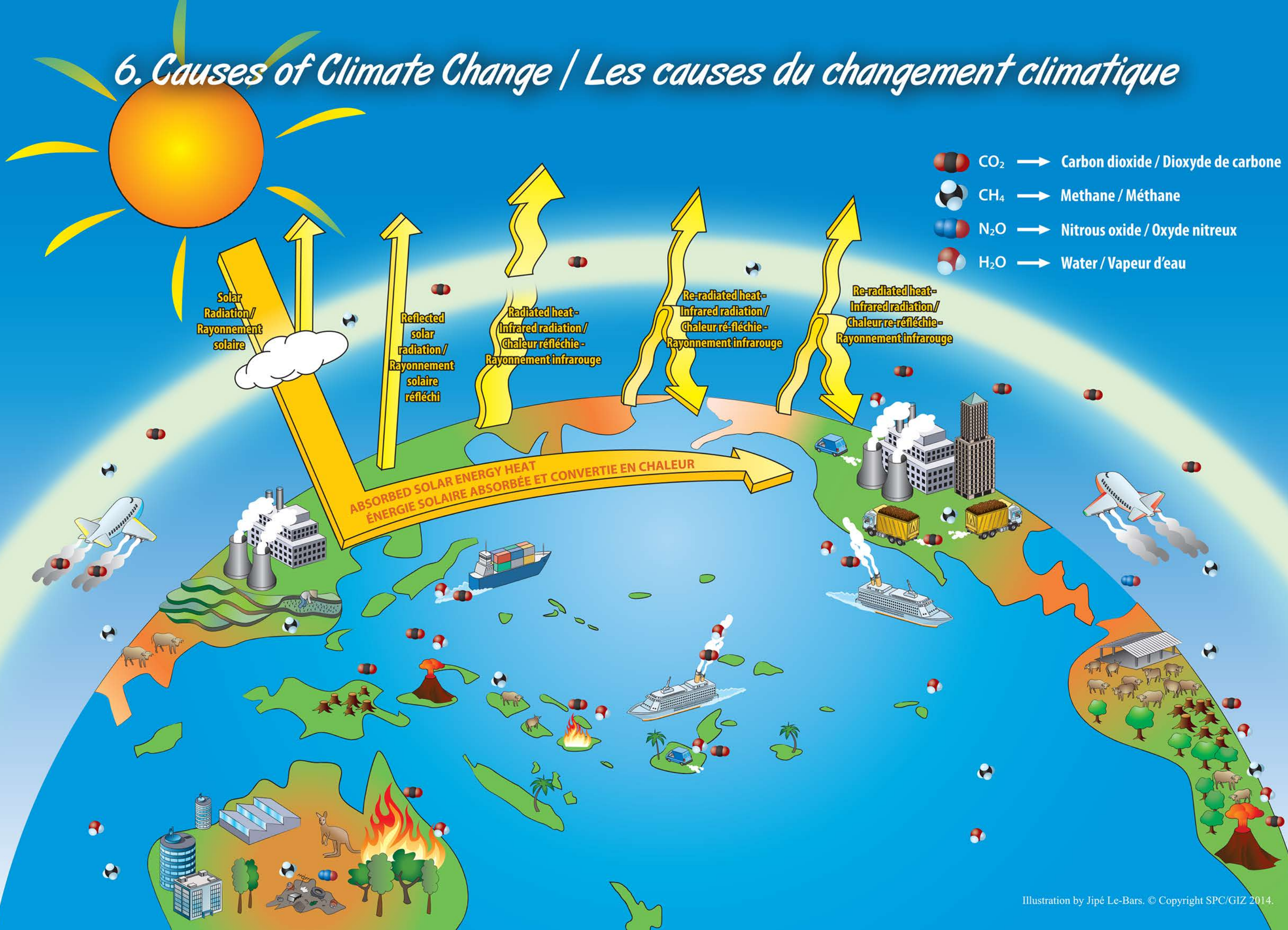
4. Global climate - Le climat mondial



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 Tuvalu



Tuvalu National Disaster Committee

Flooding, Cyclone Pam, Nui



Tuvalu National Disaster Committee

Flooding, Cyclone Pam, Nui



cyclone Pam, Nanumaga



Drought, 2011



Tuvalu National Disaster Committee

Cyclone Pam, Nanumaga



Photo: Carol young

Cyclone Pam, Nanumaga

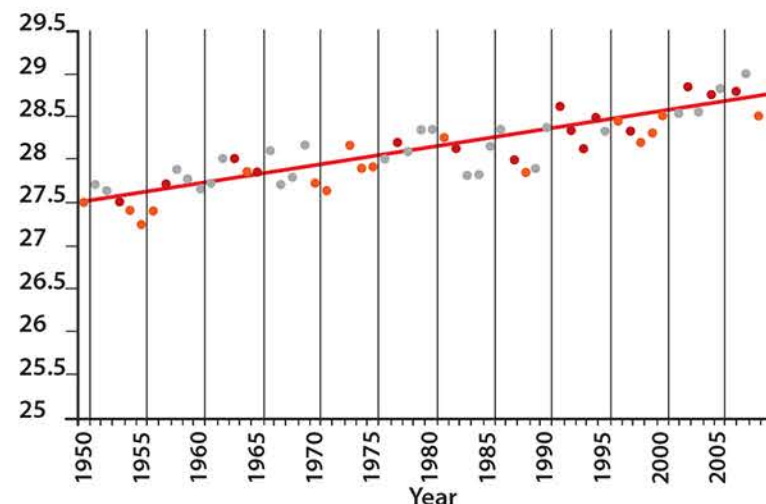


Drought, 2011

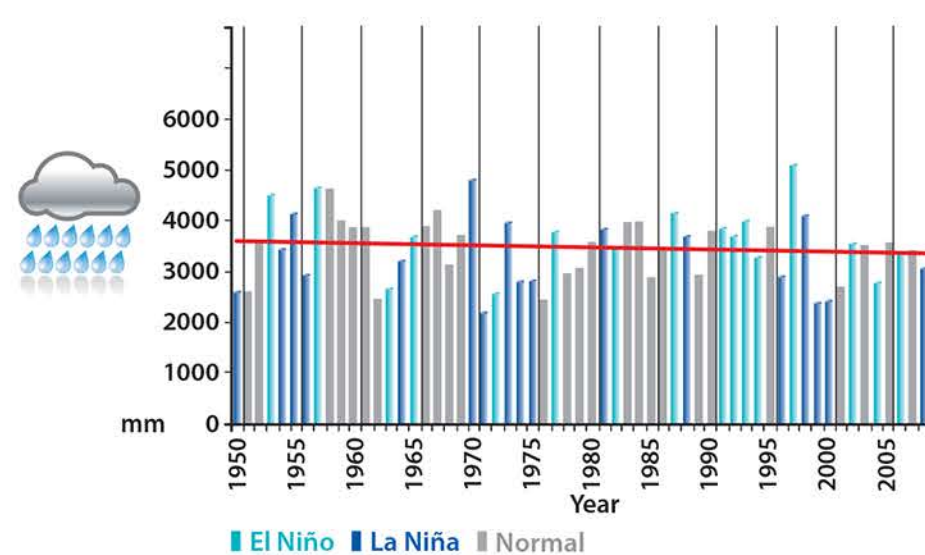
Changing Climate:

Future Climate:

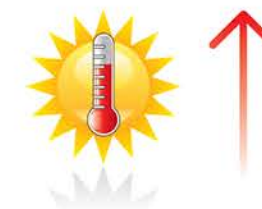
Average annual temperature for Funafuti



Average annual rainfall for Funafuti



Source: ABM & CSIRO 2011



Temperature increase
and more very hot days



Sea-level rise



Increase in wet season rainfall



Increase in Ocean
Acidification



More extreme rainfall days



Cyclone 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



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



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



14. Fishing - La pêche





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

