

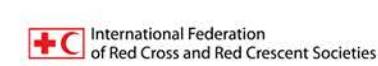
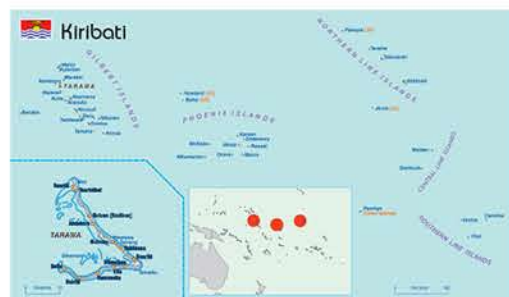
Learning about climate change the Pacific way *A visual guide*



Kiribati



Source: Carlo Jacovino, SPREP 2013



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Printed by Ultimo Group, Auckland, New Zealand, 2014

Secretariat of the Pacific Community Cataloguing-in-publication data
Learning about climate change the Pacific way: a visual guide - Kiribati
Climatic changes — Kiribati.
Environment — Management — Kiribati.
Climatic changes — Management — Kiribati.

I. Title II. Deutsche Gesellschaft für Internationale Zusammenarbeit
III. Secretariat of the Pacific Community

577.22 AACR2
ISBN: 978-982-00-0691-1

Compiled by Secretariat of the Pacific Community (SPC) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) Coping with Climate Change in the Pacific Island Region (CCCPIR) program

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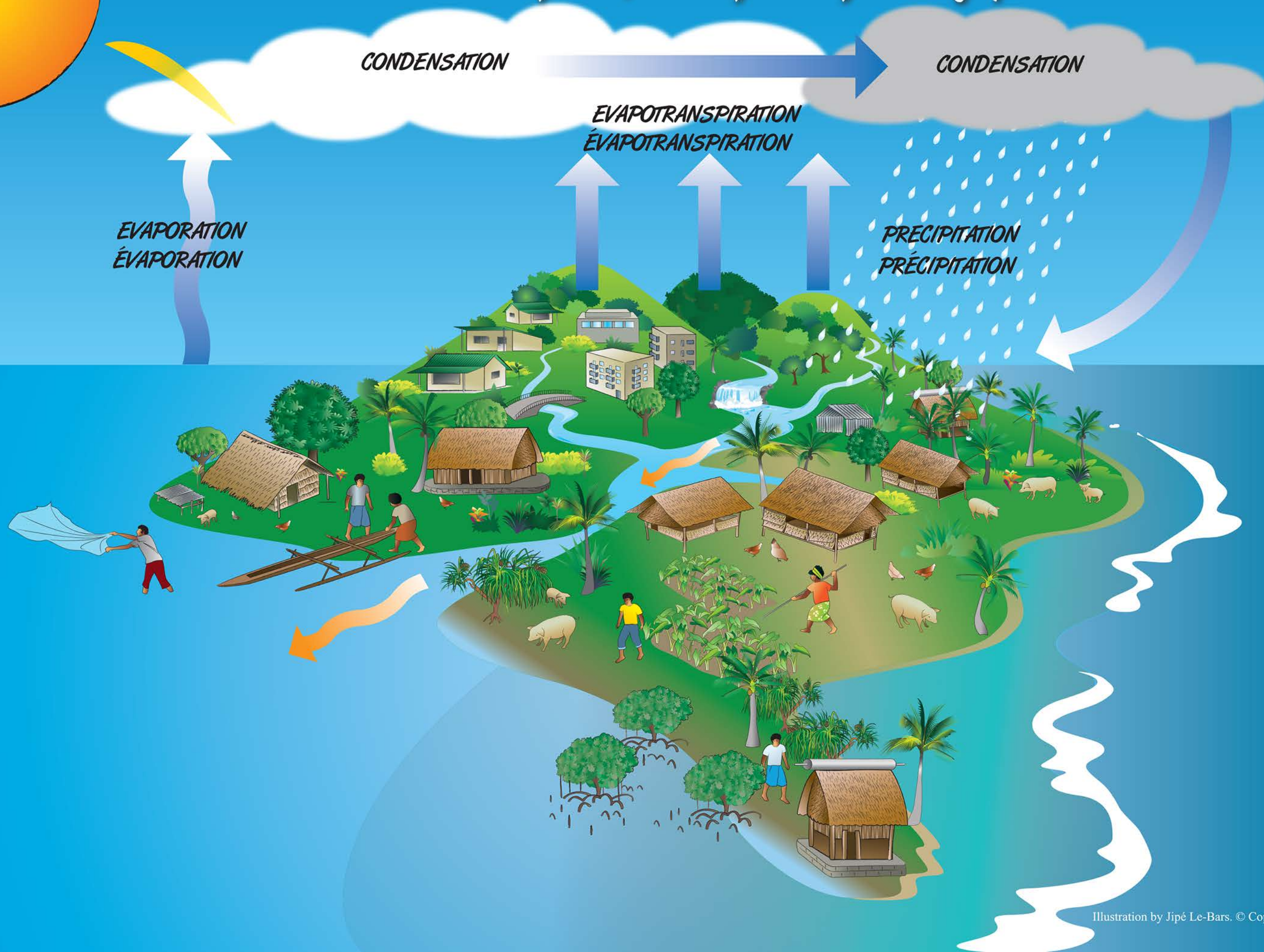
Art work by Jipé Le-Bars (SPC) & Duane Leewai

This publication was produced with funding from the Pacific-Australia Climate Change Science and Adaptation Planning (PACCSAP) program of the Australian Government; the SPC/GIZ Coping with Climate Change in the Pacific Island Region program (CCCPIR) on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ); and the SPC/USAID Vegetation and Land Cover Mapping and Improving Food Security for Building Resilience to a Changing Climate in Pacific Island Communities program.

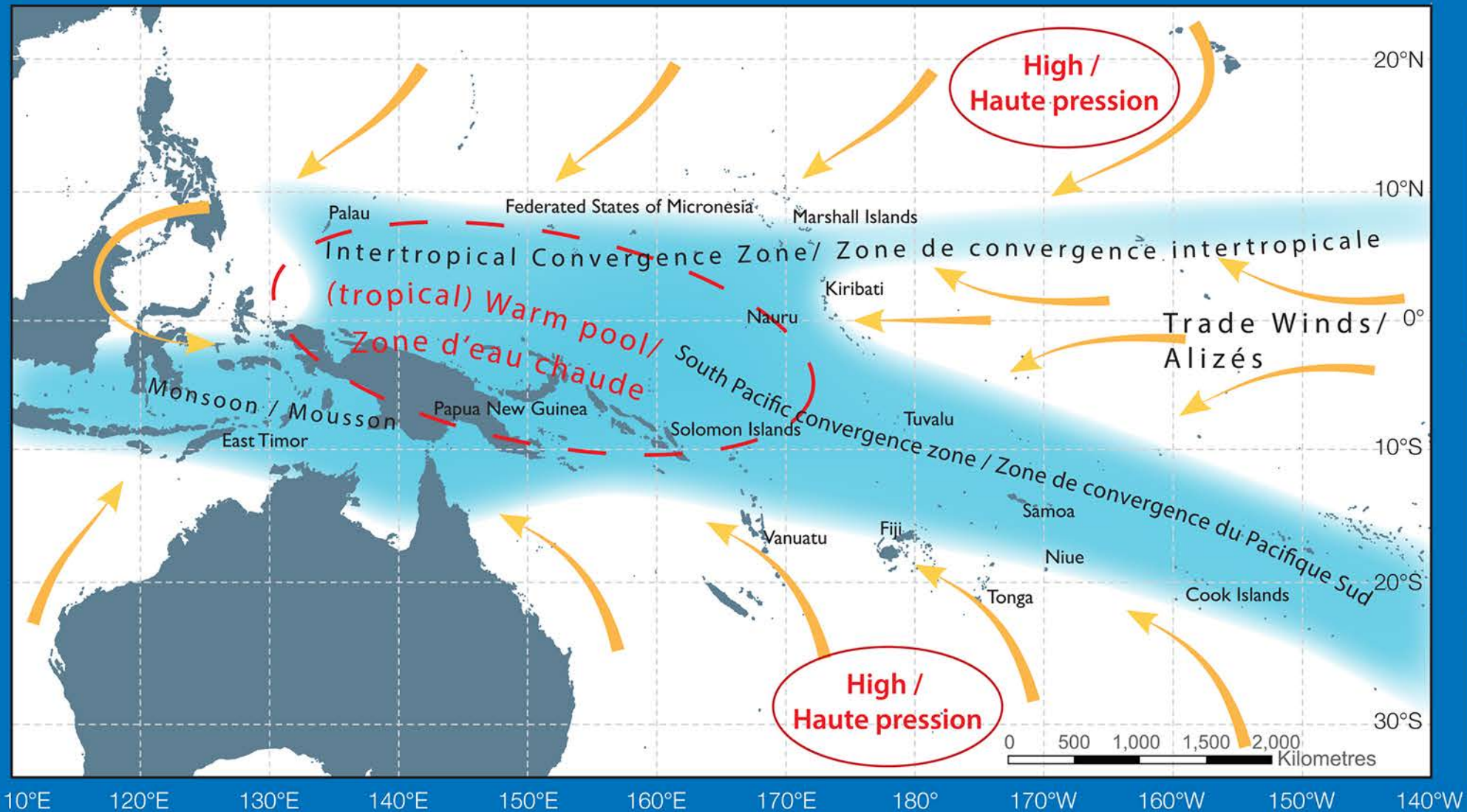
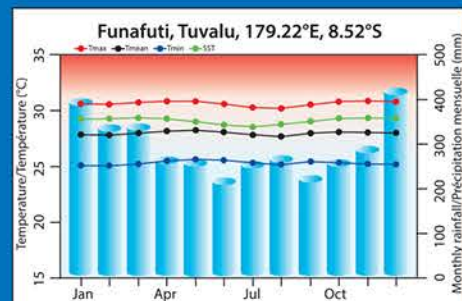
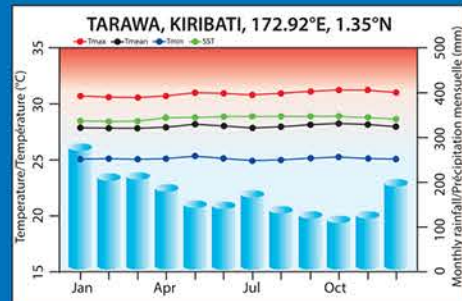
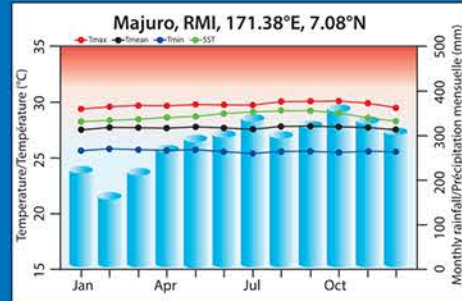
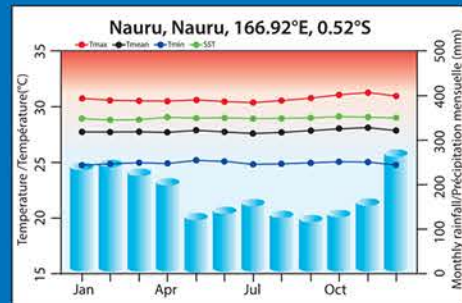
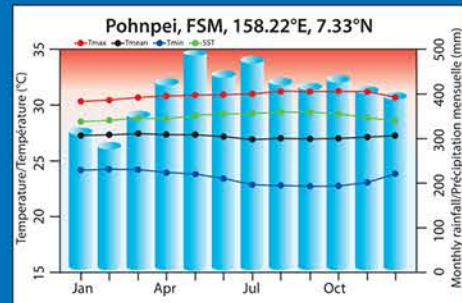
I. Pasifika



2. The Water Cycle / Le cycle hydrologique



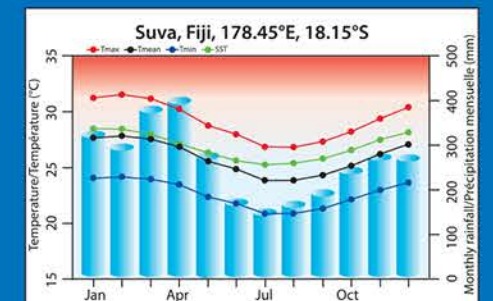
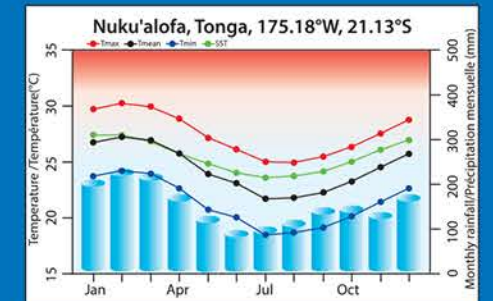
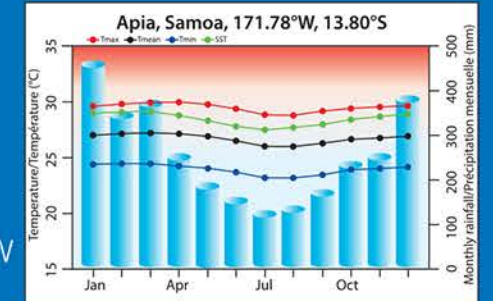
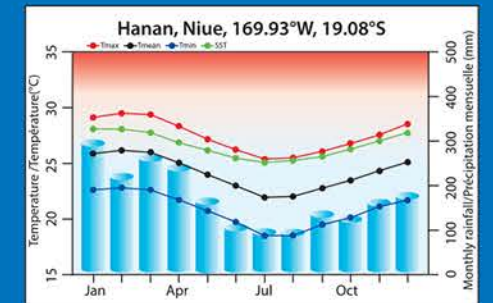
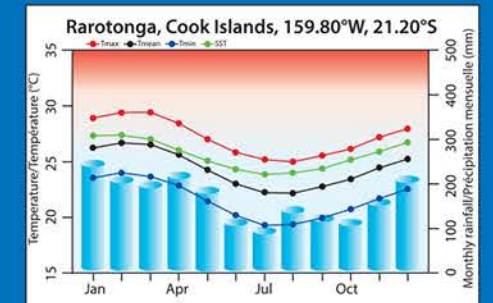
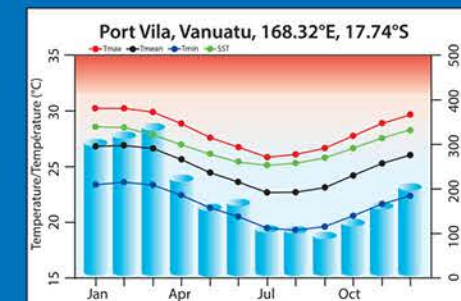
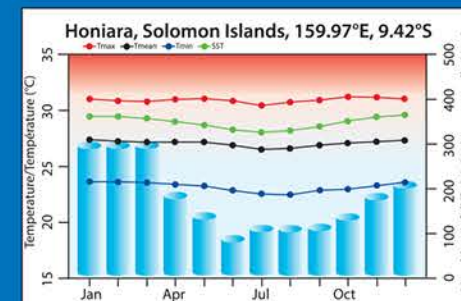
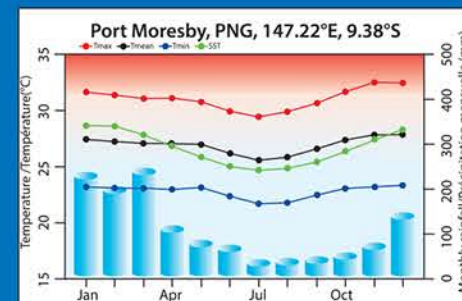
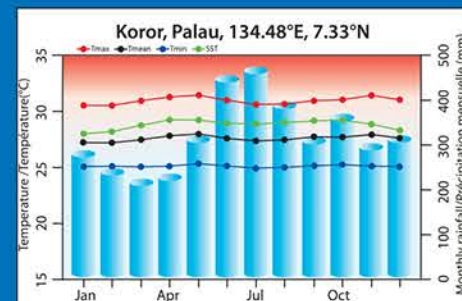
3. Climate in the Pacific - Le climat dans la région océanienne



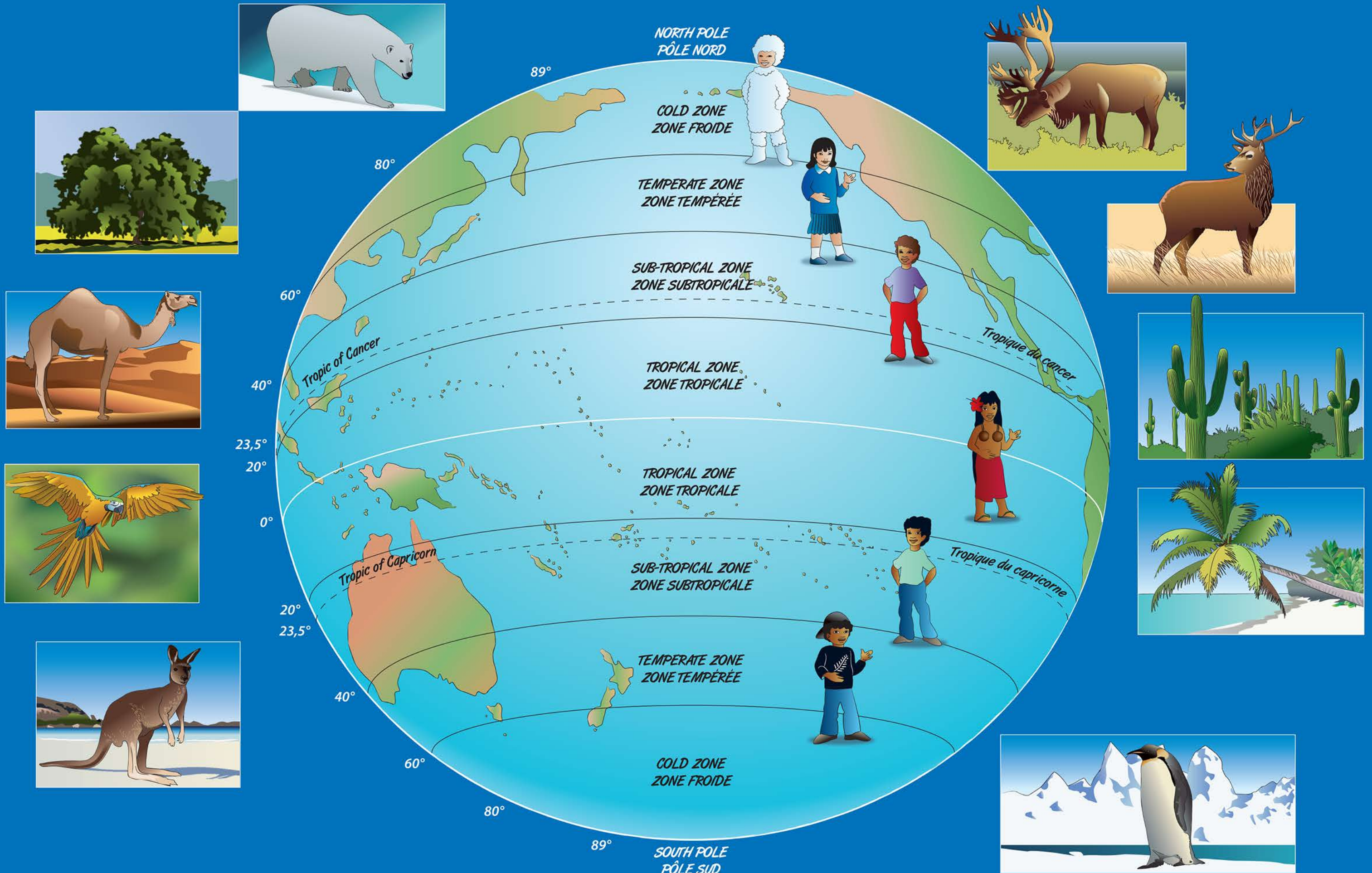
ABM-CSIRO 2011, Vol 1: 37, 42. BMA-CSIRO 2011, Vol 1: 37, 42

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.

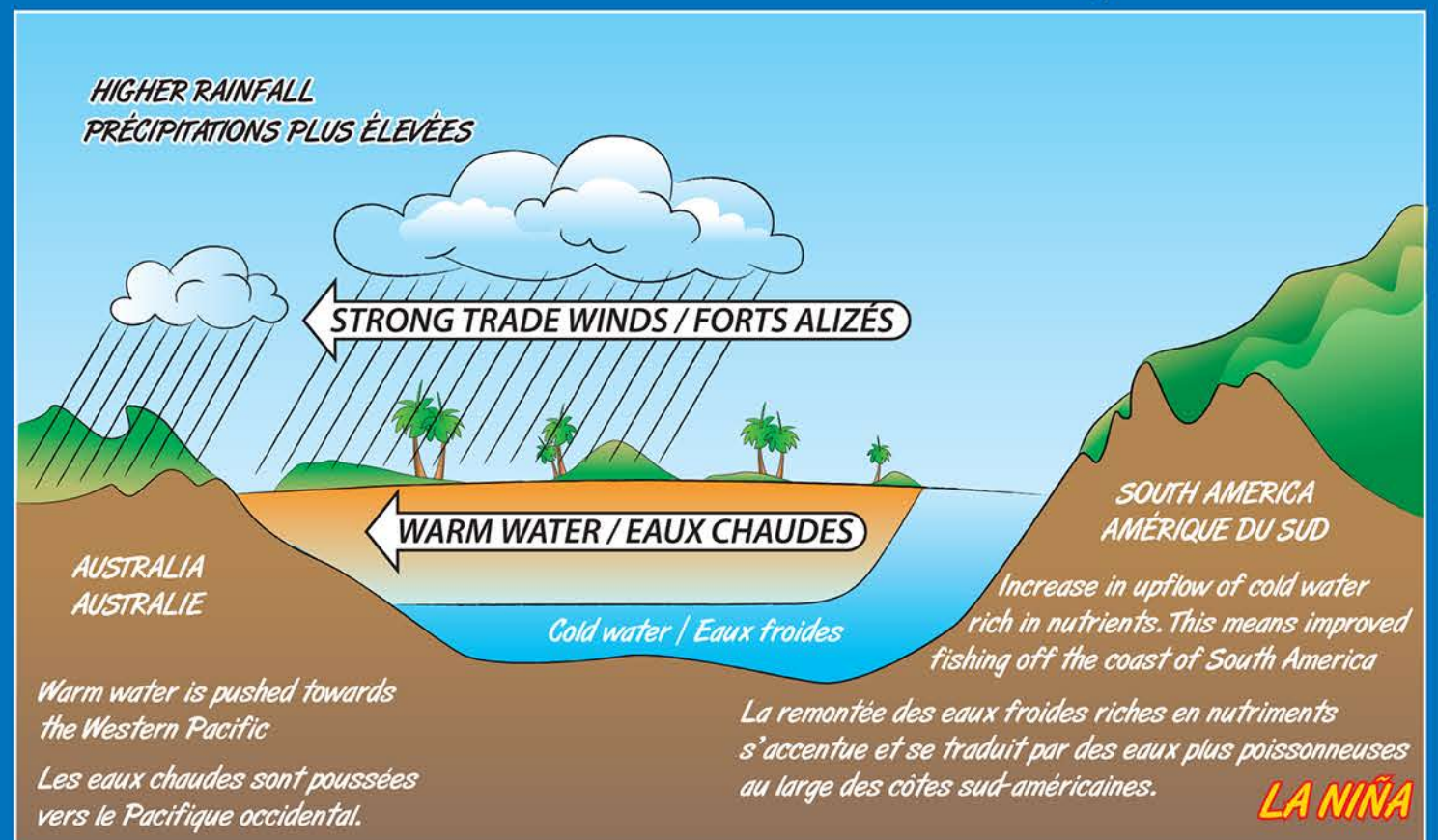
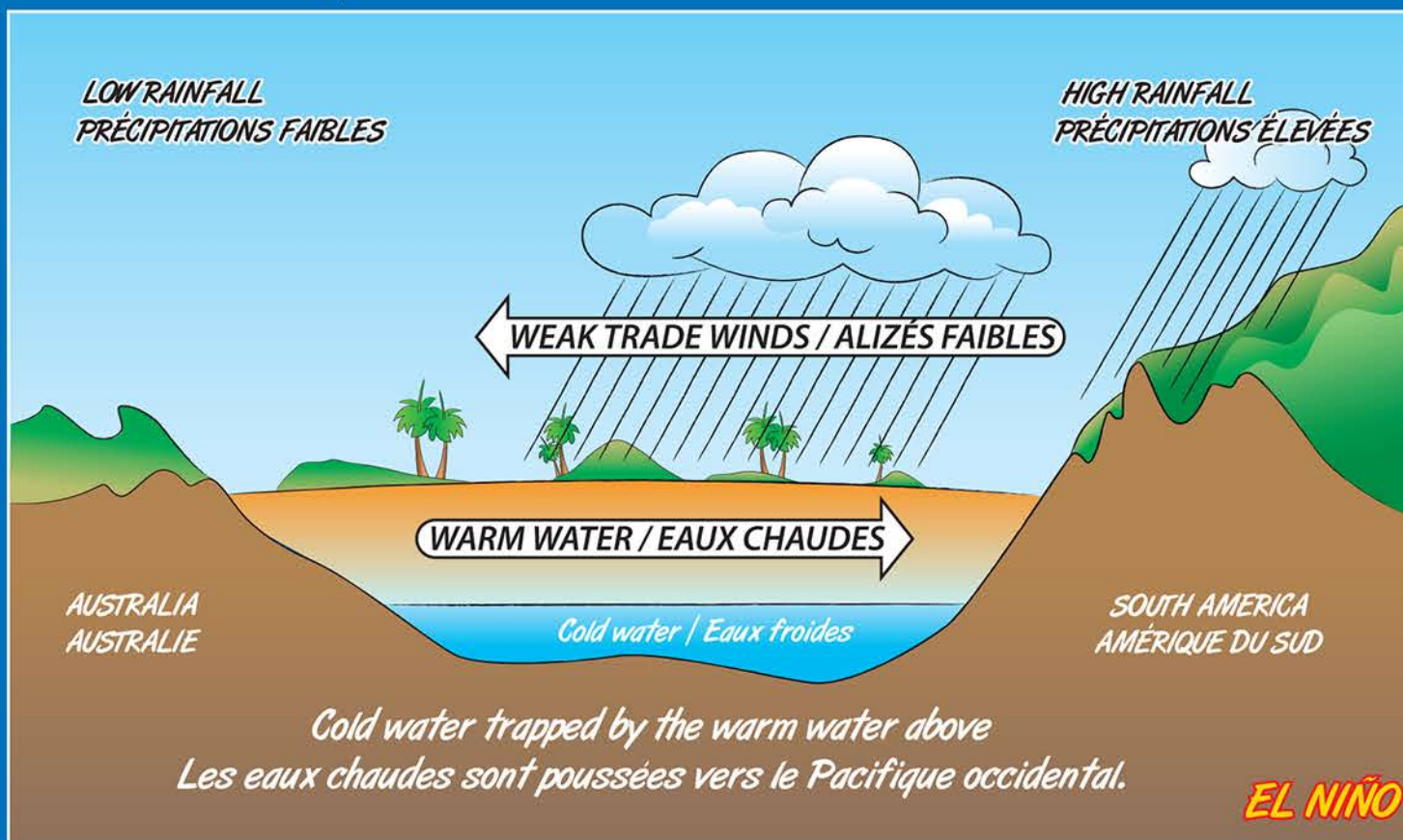
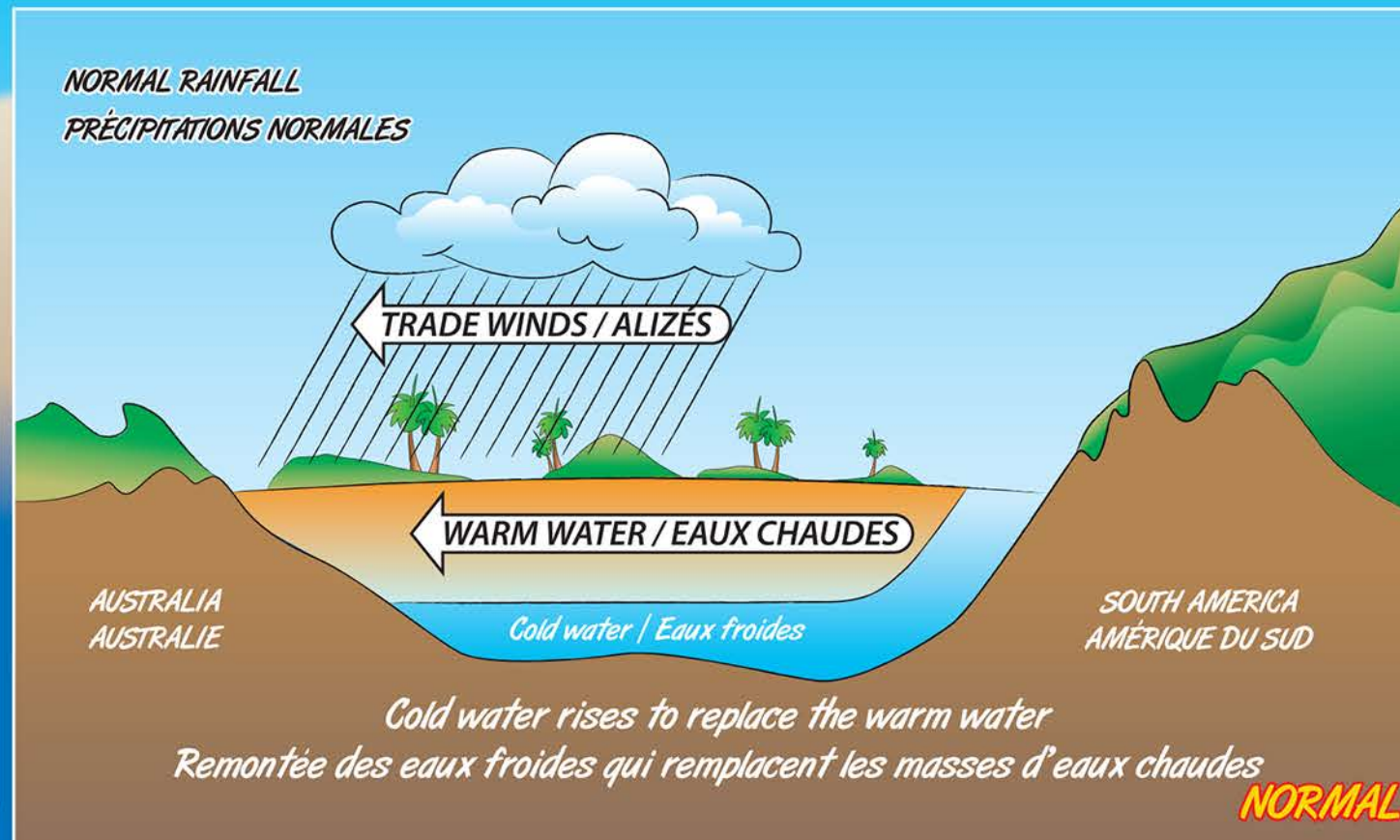
Température moyenne maximale mensuelle de l'air (en rouge), température moyenne de l'air (en noir), température minimale de l'air (en bleu), température de la mer en surface (en vert) et précipitations moyennes mensuelles (barres bleues) dans des zones clés situées dans chacun des pays partenaires. On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



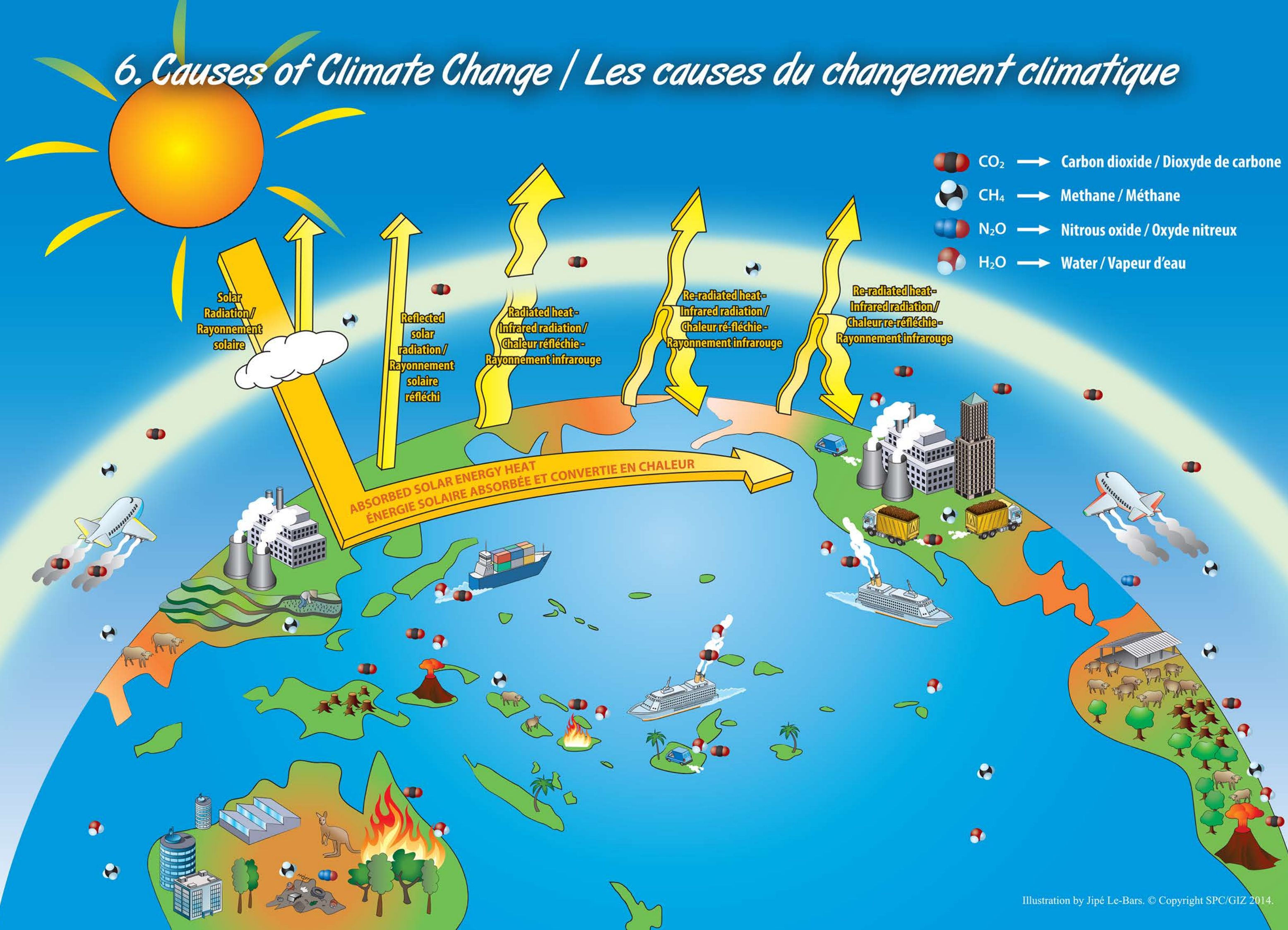
4. Global climate - Le climat mondial



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 Kiribati



Former village land turning into tidal flat, Carlo Iacovino, SPREP 2013



Unprotected rainwater tank, Carlo Iacovino, SPREP 2013



Coastal erosion, Carlo Iacovino, SPREP 2013



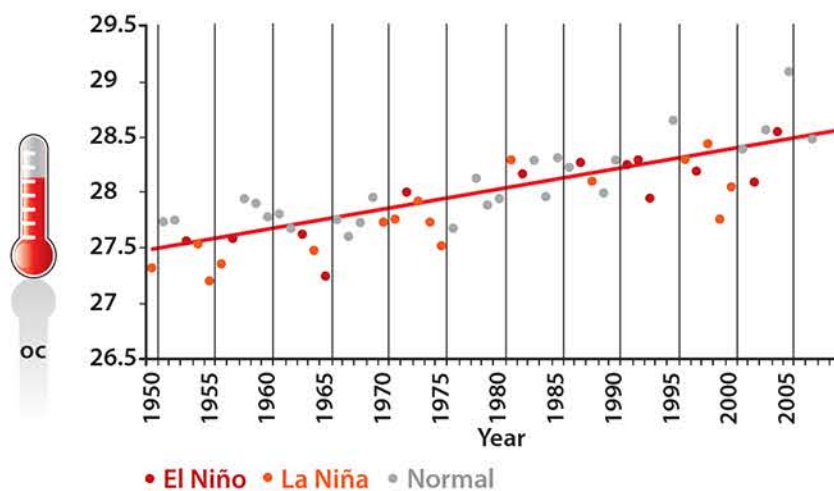
Open water well, Carlo Iacovino, SPREP 2013



Coral bleaching, 2000

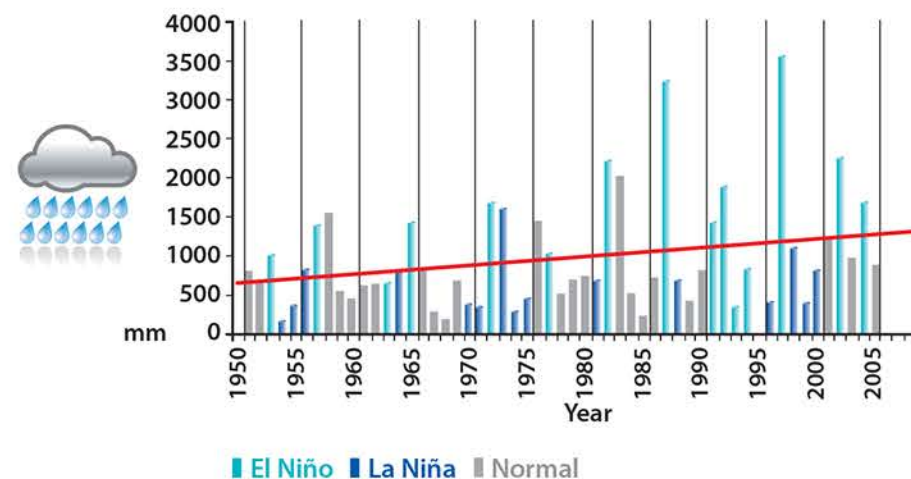
Changing Climate:

Average annual temperature for Tarawa



Source: ABM & CSIRO 2011

Average annual rainfall for Kiritimati



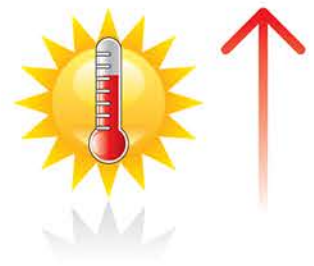
Future Climate:



Changing rainfall



More extreme rainfall days



Temperature increase and more very hot days



Sea-level rise



Increase in ocean acidification

*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



II. 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



-  CO_2 → Carbon dioxide / Dioxyde de carbone
-  O_2 → Oxygen / Oxygène
-  C → Carbon / Carbone

14. Fishing - La pêche





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

