



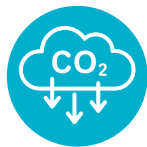
Accelerating climate action, resilience, and access to climate finance :

SPC's climate change flagship

As the principal scientific and technical organisation in the region, the Pacific Community (SPC) harnesses its capabilities in oceans, land and people-centred development to drive climate action, resilience building and sustainable development alongside Pacific Island countries and territories.

Climate change in the Pacific region

The Pacific is amongst the most vulnerable regions to climate change impacts despite Pacific Islands Countries (PICs) accounting for **less than 0.03% of the world's total greenhouse gas emissions**. In contrast, **PICs currently access less than 0.22% of the global promises of climate finance** and are providing global leadership on ambition to limit warming to 1.5 degrees.



Pacific Island countries account for less than

0.03%

of the world's total greenhouse gas emissions however are on the frontline of climate change impacts (source: IPCC)



By 2050 Pacific Island shorelines may retreat by

40 meters

(source: IPCC)



Pacific needs

USD 1b/year

for resilience and adaptation (source: IMF)



Pacific accessing less than

0.22%

of the global climate finance promise (source: PIFS)

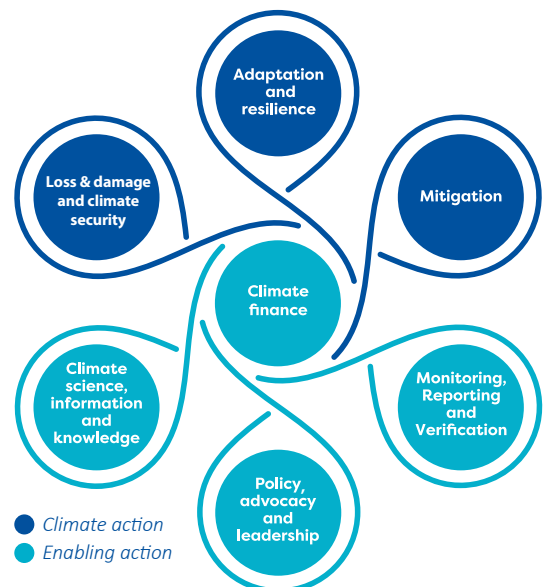
Climate action and resilience

SPC is co-designing a Climate Change Flagship program, which will be collaboratively implemented to drive genuine climate action and resilient development.

The organisation is consulting members, fellow regional organisations, development partners, and relevant stakeholders in its development to ensure maximum alignment to PICTs priorities and complementarity of effort with the full regional architecture.

SPC's current services and capabilities address climate change and resilient development across seven interlinked dimensions. SPC's interventions aim to:

- **Enhance climate action** by promoting and facilitating the integration of climate change into all the sectors and areas it covers;
- **Strengthen capabilities and enhance PICTs' ability to access climate finance** and support to achieve their climate change and resilience priorities.



EXAMPLES OF SPC'S CAPABILITIES AND SERVICES IN CLIMATE CHANGE

Climate action

Adaptation and resilience

- Observation and early warning systems (geosciences, fisheries, climate sensitive diseases, disasters)
- Safe and secure water supply and sanitation
- Sustainable and resilient food systems (LRD, PHD)
- Resilient fisheries and aquaculture
- Conservation of genetic agrobiodiversity
- Disaster risk management and response (GEM, PHD)
- Detection, preparedness, and response to health emergencies (PHD)
- Assessment and planning for health adaptation (PHD)
- Strengthening the capacity of the Pacific Public Health Surveillance Network (PPHSN) to address climate change and health threats
- Security of maritime zones
- Climate resilient infrastructure (PHD)
- Land and marine ecosystem restoration
- Education and capacity building
- Social safeguarding, engaging women and young people in climate action
- Promotion of Nature-based Solutions

Climate mitigation

- Pacific Centre for Renewable Energy and Energy Efficiency (PCREEE)
- Low emissions maritime transport systems
- Energy efficient and low carbon economies
- Carbon sequestration through agriculture, land and ocean
- Internal emissions reduction strategy (SER)
- Renewable Energy for Health Facilities

Loss & damage and climate security

- Tuna displacement and redress options
- Security of jurisdiction and resources
- Disaster assessment and rehabilitation
- Preservation of culture and traditional knowledge
- Climate mobility, displacement and human rights
- Articulating climate security and justice
- Documenting Pacific L&D examples
- Emergency Response (GEM, PHD)
- Economic losses due to climate-related extreme-weather events (costs of heat-related mortality, costs of health impacts of air pollution, mental health impacts of disasters) (GEM, PHD)

Enabling action

Climate finance

- Accredited entity to GCF and AF
- Mobilising adequate and effective funding for PICTs
- Collaboration on climate finance with key stakeholders
- Strengthen ability to track climate finance expenditure

Climate science, information and knowledge

- Climate modelling and projections (geosciences, fisheries, disease surveillance)
- Geospatial, ocean and earth observation data (Digital Earth Pacific)
- Terrestrial and ocean science
- Mainstreaming, safeguarding and utilising traditional and indigenous knowledge
- Oceanic modelling and forecasting
- Advice and support on renewable energy alternative
- Data production and analysis on population, social and economic change

Monitoring, Reporting and Verification

- Measurement of progress, reporting against Nationally Determined Contributions (NDCs) obligations (Pacific Regional NDC Hub)
- Tracking energy, household climate change statistics
- Sectorial implementation of MRV (ocean, health, land)
- Pacific Data Hub (data management repository)

Policy, advocacy and leadership

- Mainstreaming climate change into sector policies
- Risk-informed policy instruments
- Science-based decision-making and informed climate negotiations
- Contribute to national, regional and international climate change policies
- Integrated programming and regional collaboration
- Supporting Pacific Early and Mid-Career Pacific climate professionals
- Awareness of climate impacts

Contact

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**Pacific
Community**
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