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# Climate Activities in the Pacific Islands

USAID/Philippines, Pacific Islands and Mongolia

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March 8/9, 2023



# Climate Impacts for Pacific Islands

## CLIMATE PROJECTIONS



0.6– 1.4° C increase in temperatures by 2060



Increase in tropical storm intensity



17-38 cm rise in sea levels by 2050

## KEY CLIMATE IMPACTS

### Coastal Zones

Saltwater intrusion into habitats  
Loss of ocean biodiversity  
Damage to coastal infrastructure



### Agriculture

Decreased crop yield and food security  
Increased drought frequency/duration  
Groundwater salinization



### Health

Decreased water quality and availability  
Decreased nutrition and food security  
Shifts in infectious disease patterns



### Livelihoods and Tourism

Decreased economic output  
Reduced interest in ecotourism  
Damage to coastal ecosystems



### Water Resources

Salinization of drinking water sources  
Decreased water availability for crops  
Reduced hygiene and sanitation



### Energy and Infrastructure

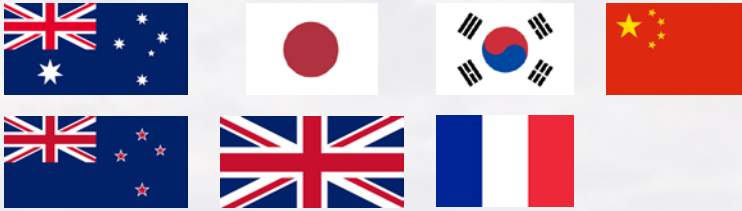
Increased energy costs  
Damage to key infrastructure  
Decreased economic output





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- Foreign Direct Investment



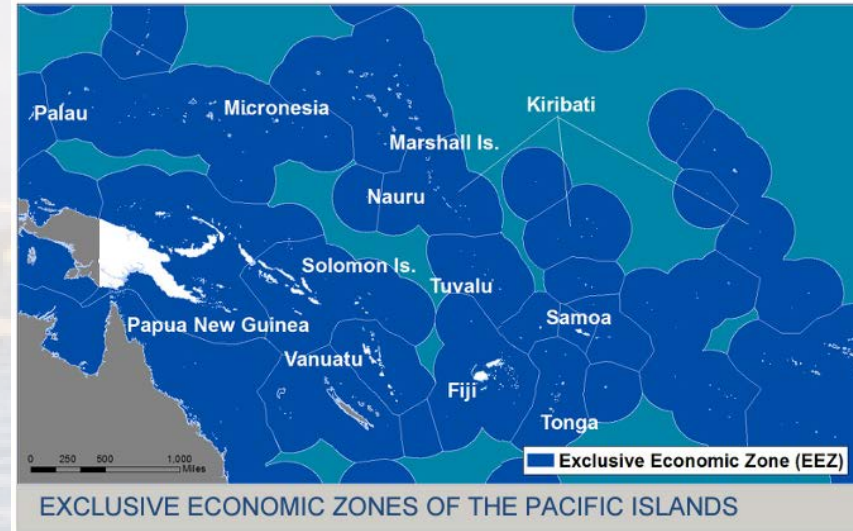
- Multilaterals and Multi-Donor Funds



- Private Sector



## Climate Actions in the Pacific Islands



# Strategic Alignment

## Guiding principles and frameworks - USG/Washington and the Region:

- [The Framework for Pacific Regionalism](#) (2014, Pacific Island Forum)
- [BOE Declaration Action Plan](#) (2019, PIF)
- [2050 Strategy for the Blue Pacific Continent](#) (2022, PIF)
- USAID Pacific Islands Strategic Framework 2022-2027
- [USAID Climate Strategy 2022-2030](#)
- New USG Pacific Islands Strategy\*
- [The 2022 Indo-Pacific Strategy](#)
- USAID 2022 Indo-Pacific Framework\*
- [Pacific Partnership Strategy](#) (2022)

## Building on current and prior efforts:

- Successes and lessons learned from our programs and other donor efforts





# Climate Strategy

2022-2030



## 2022-2030 Climate Strategy Targets

**Mitigation:**  
CO<sub>2</sub>e reduced

**6**  
Billion metric  
tons



**Finance:**  
Public and private  
finance mobilized

**150**  
Billion dollars



**Adaptation:**  
People supported to  
be climate resilient

**500**  
million people



**Country Support:**  
NDCs/NAPs  
supported

**80**  
Countries  
supported



**Land Use:**  
Hectares protected,  
restored, or managed

**100**  
million  
hectares



**Critical Populations:**  
Increase equitable  
engagement

**40**  
Country  
partnerships  
strengthened





## GOAL: DEMOCRATIC, PROSPEROUS, AND RESILIENT PACIFIC ISLAND REGION

### DO 1: Community Resilience Strengthened

#### IR 1.1 Capacity to adapt and respond to climate and disaster impacts strengthened

- 1.1.1 Capacity to deliver humanitarian and recovery assistance improved
- 1.1.2 Vulnerability to effects of climate stresses and disaster shocks reduced
- 1.1.3 Financing to address disaster and climate risk mobilized

#### IR 1.2 Sustainable development of natural resources strengthened

- 1.2.1 Environmental and social safeguards and standards advanced
- 1.2.2 Governance of conservation areas advanced
- 1.2.3 Protection of fisheries improved

#### IR 1.3 Access to sustainable energy services improved

- 1.3.1 Performance of energy utilities enhanced
- 1.3.2 Private sector investments in the energy sector increased
- 1.3.3 Off-grid energy systems adopted

#### IR 1.4 Vulnerable health systems strengthened

- 1.4.1 Health service delivery improved
- 1.4.2 Practice of positive health behaviors increased

### DO 2: Resilient Economic Growth Advanced

#### IR 2.1: Enterprise development strengthened

- 2.1.1 Enabling environment improved
- 2.1.2 Productivity increased
- 2.1.3 Access to finance improved

#### IR 2.2: Macroeconomic stability strengthened

- 2.2.1 Public financial management and domestic resource mobilization strengthened
- 2.2.2 Trade and investment increased

#### IR 2.3: Regional integration advanced

- 2.3.1 Digital connectivity and security improved
- 2.3.2 Transport linkages strengthened

#### IR 2.4: Human capital development for resilient economic growth improved

- 2.4.1 Workforce development for enterprise productivity strengthened
- 2.4.2 Higher education capacity strengthened
- 2.4.3 Enabling environment for human capital development improved

### DO 3: Democratic Governance Strengthened

#### IR 3.1: Civic engagement increased

- 3.1.1 Citizen participation in democratic processes increased
- 3.1.2 Civil society organizations as advocates and watchdogs strengthened

#### IR 3.2: Government responsiveness to citizens improved

- 3.2.1 Adherence of key institutions to democratic practices enhanced
- 3.2.2 Rights protection of vulnerable and marginalized populations increased





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# Pacific American Fund

Sub-grants to strengthen local actions and capacity span various sectors focused on:

- Resilience to disasters and climate risks;
- Livelihoods;
- Food security;
- Access to water, health and education;
- Governance;
- Sustainable natural resource management;
- Biodiversity conservation

**Achievements to date:** Restored business and community livelihoods (post-COVID). Graduated 11 local organizations to receive USAID funds. Next Round grants focused on climate resilience.



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# Outer-island Adaptation Needs: Kapingamarangi Drought and Water Security

- Improved water storage and backup systems
- Ability of community to repair desalinization and reverse osmosis units
- Livelihood opportunities to increase household coping mechanisms to new shocks





# Disaster Relief: USAID/IOM Chuuk Relief Warehouse





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# Climate Ready

- Total Project Cost: :US\$23,903,456
- Implementing Partner: DT Global
- Nov 22, 2016– Nov 21, 2022

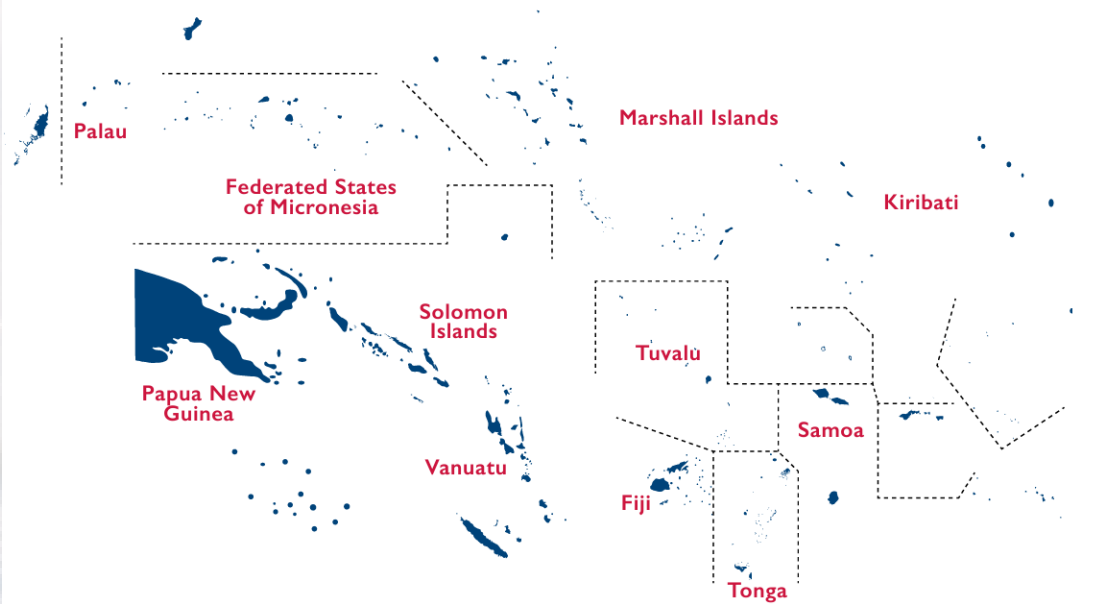
- **Objective 1** : Climate Change Adaptation Policies and Laws in place and in practice
- **Objective 2** : Improved access to climate change funds
- **Objective 3** : Improved implementation of climate change adaptation projects





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# USAID CLIMATE READY PROJECT WORKS IN 11 PACIFIC ISLAND COUNTRIES



Fiji Islands



Federated States  
of Micronesia



Kiribati



Republic of  
Palau



Papua New  
Guinea



Samoa



Tonga



Tuvalu



Republic of  
Vanuatu



Republic of the  
Marshall Islands



Solomon  
Islands

## Climate Ready Achievements :

- Mobilized over \$475 million dollars for Pacific Island countries with more proposals within the pipeline
- Flagship climate finance activity in the region, and one of the major successes globally
- Helped countries and regional organizations gain accreditation
- **Fiji**: Chamber of Commerce - strengthen private sector engagement in disaster risk management: Business Continuity Plan and Green Recovery Plan

## USAID CLIMATE READY KNOWLEDGE PRODUCTS

### Business Continuity Planning Resources



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# Other Climate -focused Activities

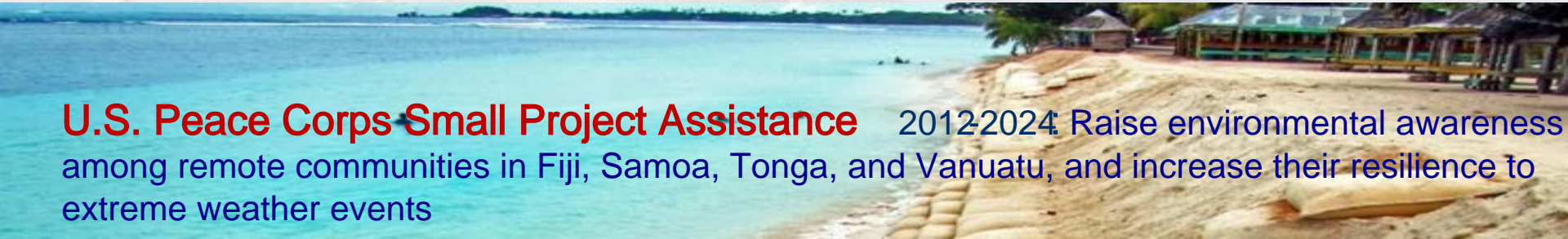
## **Institutional Strengthening in Pacific Island Countries to Adapt to Climate**

**Change (ISACC)** 2015-2022 Boosts government capacity to manage their climate finances more effectively, promotes regional coordination, and builds ~~mult~~ sectoral approaches to climate resilience.

## **Disaster Resilience in the Compact Nations (RESILIENCE)**

2020-2025: Improves governance capacity for disaster management and expedite the delivery of preparedness, relief, and reconstruction assistance to respond to U.S. presidentially declared disaster in the Federated States of Micronesia and the Republic of the Marshall Islands

**U.S. Peace Corps Small Project Assistance** 2012-2024: Raise environmental awareness among remote communities in Fiji, Samoa, Tonga, and Vanuatu, and increase their resilience to extreme weather events



# New climate finance activity: considerations and areas of focus

## Considerations:

- Build on Climate Ready and ISACC lessons learned and best practices
- Collaboration and Coordination

## Areas of focus:

- Climate financing for the Pacific Islands
- Financial management capacity
- Equitable and inclusive approaches

Better management and resilience for regional bodies and national governments to build resilience at the community level

FINAL EVALUATION REPORT  
USAID CLIMATE READY AND  
INSTITUTIONAL STRENGTHENING  
IN PACIFIC ISLAND COUNTRIES TO  
ADAPT TO CLIMATE CHANGE  
(ISACC)

Contract No. AID-486-I-14-00001 (IDIQ)  
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## Biodiversity

**Lukautim Graun ("Look After the Environment")** 2019-2024: Reduce threats to Papua New Guinea's rich biodiversity, help promote transparent policies, including environmental safeguards for effective stewardship of natural resources and preserve biodiversity in priority places by supporting local governments, civil society, and communities to reduce key threats.

**Our Fish, Our Future** 2021-2026: Address the drivers of IUU and over fishing in the region by improving sustainable coastal fisheries management, enhancing monitoring, control, and surveillance (MCS) in coastal fisheries, demonstrating private sector partnerships to promote sustainable supply chains, and strengthening resilience and meaningful engagement of marginalized actors in coastal fisheries management.

**Pacific Coastal Fisheries Management and Compliance** 2021-2026: Advance sustainable coastal fisheries management in the Pacific Islands by strengthening monitoring, control, and surveillance (MCS) at all management levels.



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**Energy**

**Energy Regulatory Partnership Program (ERPP)** 2019-2025: Supports Papua New Guinea in 1) developing competitive power procurement processes; 2) creating a regulatory framework for offgrid electrification; 3) improving safety and technical management; and 4) enhancing capacity for tariff review and pricing

**Papua New Guinea Electrification Partnership (PEP)** 2020-2025: (1) Enhances PNG Power Ltd.'s (PPL) capacity to expand connections, reduce system and commercial losses, and increase its revenues; (2) Strengthen regulatory capacity; (3) Develop at least 10 viable offgrid electrification models in select remote communities; (4) Catalyze investments for energy.





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