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# Secretariat of the Pacific Regional Environment Programme (SPREP) and Regional Adaptation to Climate Change

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## SPREP

- SPREP is a regional organization established by the governments and administrations of the Pacific region to look after its environment.





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## Mandate

SPREP's mandate is to promote cooperation in the Pacific islands region and to provide assistance in order to protect and improve the environment and to ensure sustainable development for present and future generations.





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## 2 complementary programs

- Island ecosystems
- Pacific futures





# BIODIVERSITY and Climate Change

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## SPREP Climate change adaptation activities

- Meteorological services,
- National adaptation program of action plans,
- Policy development
- Renewable energy
- Conservation



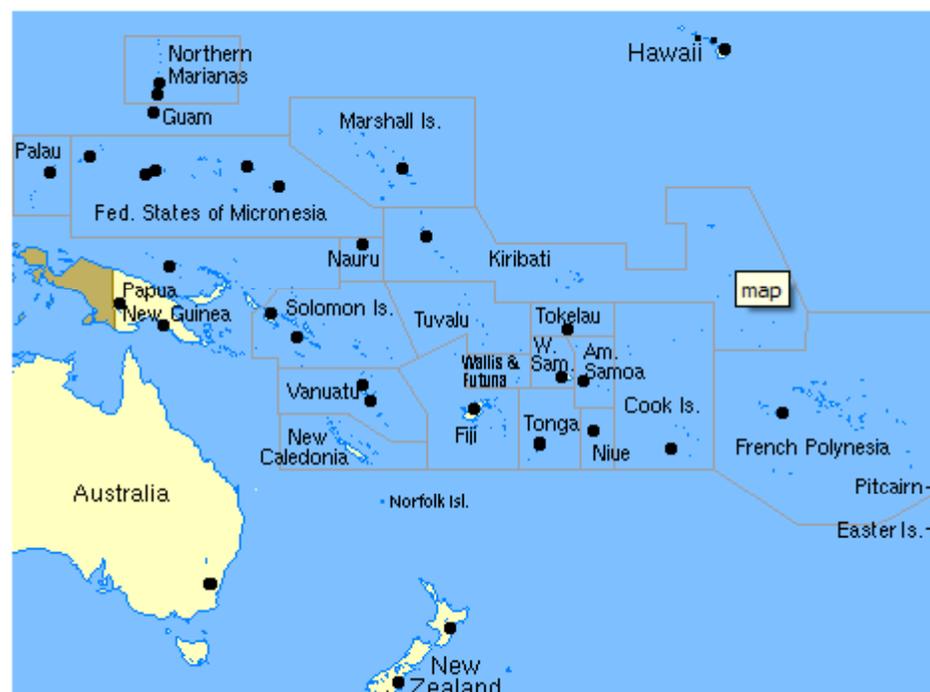


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## Pacific Islands-Global Climate Observing System (PI-GCOS)

- Goal - improve Meteorological and climatological capacities of (PICs) to strengthen and respond to climate variability and extreme weather events





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## PIGGAREP

- The Pacific Islands Greenhouse Gas Abatement through Renewable Energy project
- The successful implementation of the PIGGAREP is estimated to reduce CO2 emissions by at least 30% by 2015 as compared to that in the Business as Usual scenario.





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Development of climate change policy  
*"Manage threats to biodiversity, especially  
climate change impacts and invasive species".*





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## National adaptation program of action plans /NBSAP





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## Samoa NAPA

- ***Fisheries***
- Community-based marine resources management program
  - MPAs
  - Management strategies
  - Research and monitoring programs
  - Restocking depleted species
  - Monitoring and management
  - Establishment of MPAs
- **Biodiversity**
  - Marine and terrestrial conservation areas
  - Legislation to ban hunting and enforce laws on use of illegal and destructive practices
  - Biodiversity Bill
  - Biosafety Policy

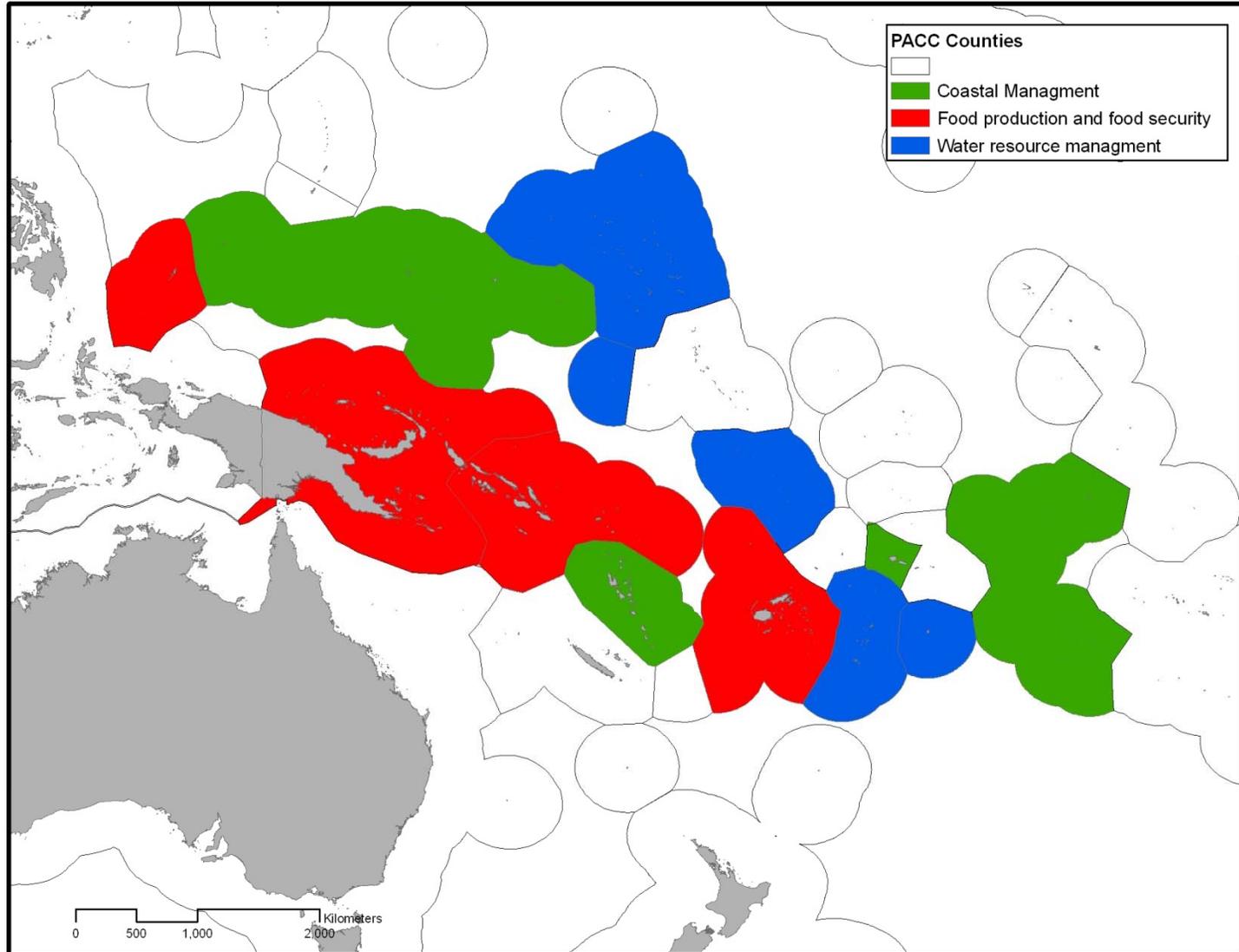




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# PACC- Pacific Adaptation to Climate Change





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## Cooks

- The Cook islands which are working to integrate coastal climate risks into an integrated coastal management program. And to demonstrate risk reduction practices in Manihiki





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## Samoa

- Samoa is working on Guidelines to incorporate climate risks into an integrated community based coastal management model and demonstrate climate change risk reduction through community interventions





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## Pacific Biodiversity and Climate Change Ecosystem-based Adaptation

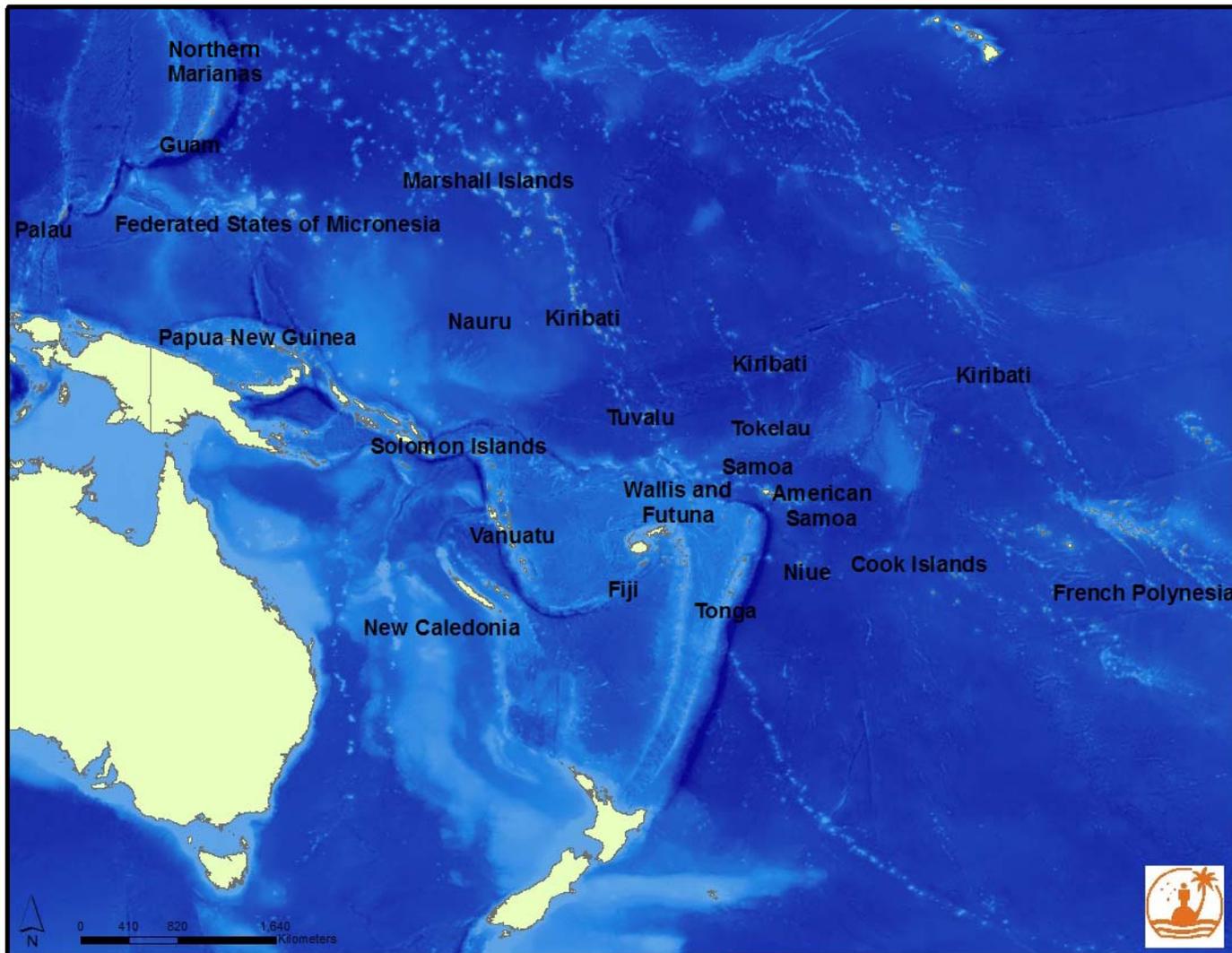
- State of Pacific Island Biodiversity,
- The Potential for Ecosystem-Based Adaptation to Climate Change in the Pacific





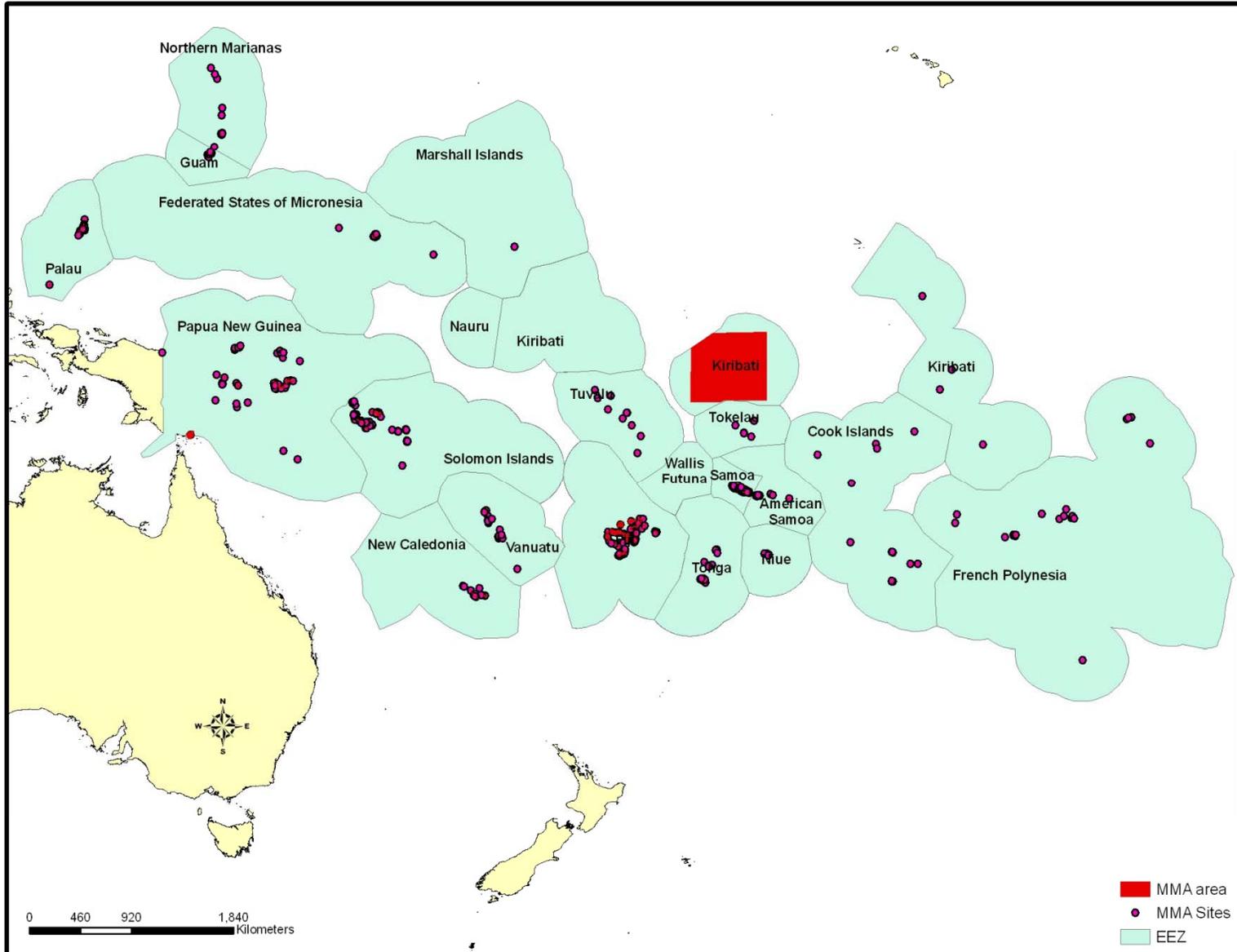
# Oceanscapes

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## Conservation in the Region

**Table 1: Number of MMAs and coverage for the Pacific Islands region**

	Number of active MMAs	Active MMA coverage (km <sup>2</sup> )	~ % of EEZ under management	~ % of Territorial Waters under management
American Samoa	19	174	0.04	1.8
CNMI	8	13	0.0007	0.05
Cook Islands	24	19	0.001	0.06
Fiji	217	10,880	0.8	9.5
French Polynesia	10	2,837	0.06	1.2
FSM	12	23	0.0008	0.05
Guam	11	170	0.08	3.7
Kiribati	14	3,054*	0.08	4
Marshall Islands	1	701	0.03	0.7
New Caledonia	20	16,188	0.9	23
Niue	3	31	0.008	1
Palau	28	1,126	0.2	8
PNG	86	59	0.002	0.02
Samoa	54	209	0.2	2.1
Solomon Islands	113	941	0.07	0.7
Tokelau	3	1	0.0003	0.01
Tonga	6	93	0.01	0.2
Tuvalu	4	76	0.008	0.4
Vanuatu	20	89	0.01	0.1
<b>Total</b>	<b>1,232</b>	<b>34,712</b>	<b>1.52</b>	<b>14.7</b>

\*This estimation excludes the Phoenix Island Protected Area that comprises 408,250 km<sup>2</sup> making 11% of the EEZ under management once the management plan and endowment will be finalized.





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## Summary

- Meteorological Services
- Climate change policy
- Renewable energy
- National adaptation program of action plans
- Pacific Adaptation to Climate Change project
- Pacific Biodiversity and Climate Change Ecosystem-based Adaptation project
- Oceanscapes Framework





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# Thank you

