

Coastal zone management: Issues and Adaptation Approaches..

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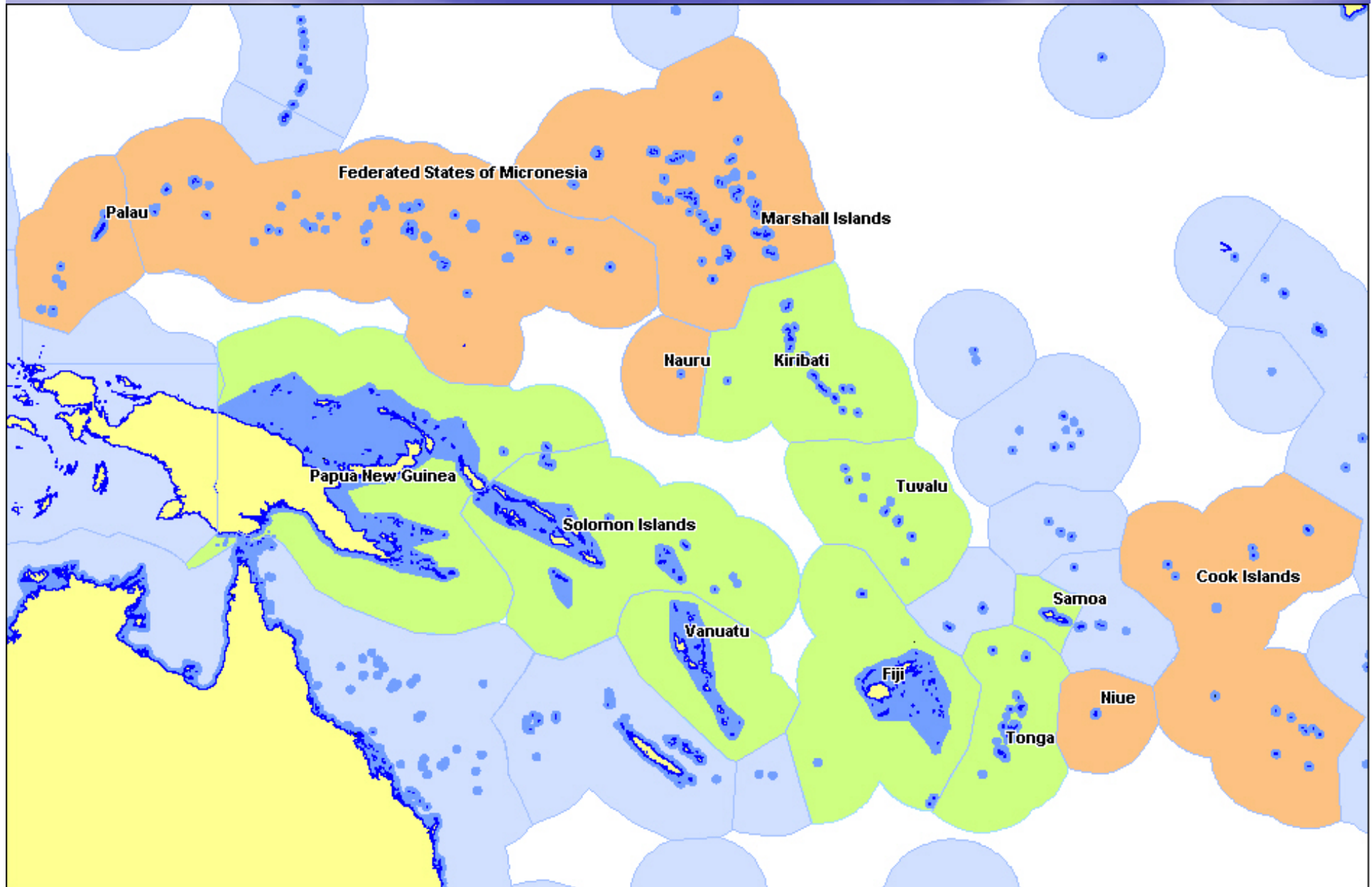


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The Pacific..



The Issues..







The PACC Project

- The PACC is an initiative / opportunity to **materialize the GEF support to adaptation** into actual adaptation implementation in the Pacific Region.
- The PACC is a **direct response** to PICs' expressed wish to implement adaptation.
- PACC will be the first UNDP project in the Pacific to access the Special Climate Change Fund, managed by the GEF.

The PACC is a **regional adaptation project** that targets **national implementation** in 13 PICs.

Countries and key sectors:

- I. Coastal Zone Management - Cook Islands, FSM, Samoa, and Vanuatu**
- II. Food Production and Food Security – Fiji, Palau, Papua New Guinea and Solomon Islands**
- III. Water – Marshall Islands, Nauru, Niue, Tuvalu and Tonga**

I. Coastal Zone Management - Cook Islands, FSM, Samoa, and Vanuatu

Cook Islands – climate proofing the Magaia Wharf

Samoa – Coastal Protection (combination of structural and non structural)

Vanuatu – Climate Proofing a coastal road (outer islands)

5 - PACC Approaches/Methodology

1. Risk and Vulnerability Assessment

- socio economic survey

- Sources of information

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graph TD; A[Sources of information] --> B[Field Surveys]; A --> C[National data bases];
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- Field Surveys

- Agency Community and Consultations

- National data bases

- National reports
- GIS and Remote sensing information

- Global and regional literatures

PACC Process and Tools...

- **Key for coastal adaptation activities:**

- **Circulation data**
- **bathymetry data**
- **sedimentation circulation pattern**
- **coastal systems likely to be impacted**
- **Land based information affecting these Variables**
- **Coastal area/resources use**
- **projects climate variables change**
- **Coastal land tenure**
- **Government long term development plan for the area etc**

PACC Process and Tools...

2. Cost benefit analysis

- based on the V&A result

- Sources of information

- update of field surveys if necessary

- Agency Community and Consultations

- National data bases

- Census reports

- National Trade statistics

- Global and regional literatures

PACC Process and Tools...

3. EIA

- based on the recommendation of the Cost

Benefit Analysis



Sources of information



- update of field surveys if necessary (slope, Vulnerability, land permeability Etc)
- Agency Community and Consultations

- National data bases
- Census reports
- National Trade statistics
- Global and regional literatures

PACC Process and Tools...

4. Design and Quality Control for M&E

5. Implementation and Monitoring

Cook Islands – climate proofing the Magaia Wharf

Samoa – Coastal Protection (combination of structural and non structural)

Vanuatu – Climate Proofing a coastal road (outer islands)

Thank you

