

# Pacific Ecosystem-based Adaptation to Climate Change

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## Description

### Climate change in the Pacific Island Region

**Climate change** poses a serious challenge to sustainable development in Pacific island countries and territories. Rising sea levels, changing weather patterns, ocean warming and **ocean acidification** impact all sectors of the economy. In addition, island resilience is affected by a number of non-**climate** related factors such as **pollution**, inappropriate coastal **development** and over-fishing that impact negatively on island ecosystems resulting in ecosystem degradation, loss of ecosystem services and biodiversity. It is therefore imperative that Pacific island countries and territories invest in appropriate and cost-effective options to simultaneously address **climate** and non-**climate** factors as a strategy to manage the impacts of **climate change**. Ecosystem-based Adaptation (EbA) is a holistic approach to **adaptation planning** that seeks to harness the potential of healthy ecosystems and biodiversity to strengthen social and ecological resilience.

### What is PEBACC?

PEBACC is a five year project funded by the German Government, implemented by the Secretariat of the Pacific Regional Environment Programme (SPREP) to explore and promote ecosystem-based options for adapting to **climate change**. The overall intended outcome of the project is: EbA is integrated into **development**, **climate** change adaptation responses, and natural resource management policy and **planning** processes in three Pacific island countries providing replicable models for other countries in the region.

### What will PEBACC do?

PEBACC has four outputs:

1. Ecosystem and socio-economic resilience analysis and mapping (ESRAM) completed as a basis for **adaptation planning** at national, provincial and community levels.
2. EbA options analysed, prioritised and plans developed.
3. EbA plans implemented with demonstrated benefits.
4. **Communications** and outreach products developed to promote integration of EbA options into **climate change policies**, plans and projects.

Project Status

[Completed](#)

Start Date

Wednesday, January 1, 2014

End Date

Tuesday, December 31, 2019

Duration

5 years

Short Title

PEBACC

Project Type

[Field Implementation](#)  
[Policy Formulation and Integration](#)

Total Funding	4,950,000
Donor Currency	4,950,000
Project Scope	<a href="#">National</a> <a href="#">Regional</a>

### Implementing Countries

[Solomon Islands](#)  
[Vanuatu](#)

### Related Links

[PEBACC webpage](#)

### Implementing Organisation(s)

[Secretariat of the Pacific Regional Environment Programme \(SPREP\)](#)

### Implementing Organisation Contact(s)

[Herman Timmermans](#)

### Tags

[SPREP](#)  
[PEBACC](#)

### Topics

[Climate Change](#)  
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[Resilience](#)  
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[Natural Resources and the Environment](#)  
[Ecology and ecosystems](#)  
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