

Pacific Islands Partnership on Ocean Acidification and Workshop Objectives

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An International Workshop on Ocean Acidification: State-of-the Science Considerations for Small Island Developing States

- Official side-event at the 3rd UN SIDS Conference in Apia, Samoa Sept. 2014
- Co-Organized by US/NZ/SPREP
- Participants from all SIDS regions



Workshop Outcomes

- Ocean acidification is a current and escalating threat
- Ocean Acidification is a threat to marine ecosystems surrounding SIDS which provide their communities with food security, livelihoods and economic stability, resilience to extreme weather events, and cultural identity
- Develop resilience-building strategies
- SIDS-driven, SIDS-connected and SIDS-focused

Workshop Priority Areas

- Research and Monitoring
- Capacity Building
- Policy Development
- Identification and Implementation of Adaptation Strategies

Potential Impacts

- Coastal fisheries – Impacts on coral reef productivity, fish behavior
 - ~50% of household income for coastal communities
 - 50-90% of dietary protein
 - \$200 million in subsistence value and \$165 million in commercial value
- Tourism
- Ecosystem Services – Protection from storms
- Culture
- Impacts of OA compounded by other local stressors

Pacific Islands Partnership on Ocean Acidification

- Follow-up effort by NZ
- Collaborative effort between SPREP, SPC, USP, and PICTs
- SIDS-driven, SIDS-connected and SIDS-focused

Project Goals and Long-Term Outcomes

Goal: Pacific Islands and Territories are resilient to Ocean Acidification impacts with adaptation measures in place

Long-Term Outcomes: Resilience to Ocean Acidification impacts is strengthened through improved management of vulnerable fisheries and marine ecosystems

Project Outputs

Output One: Research and Monitoring

- Research and ecosystem monitoring data to inform policy and adaptation
- Regional Vulnerability Assessment
- Foster a “research friendly” environment

Project Outputs

Output Two: Identification and implementation of practical adaptation actions

- ESRAM Studies
- Identification and Implementation of Practical Adaptation Actions
- Pilot Projects

Project Outputs

Output Three: Capacity building and awareness raising

- Regional OA Workshop
- Framework for Action/Coordinated Regional Efforts
- Capacity building and awareness raising during ESRAM studies and adaptation activities

Workshop Themes

- 1. Vulnerability and adaptation responses**
- 2. Monitoring and research best practices**
- 3. Policy and regional coordination**

Workshop Themes

1. Vulnerability and adaptation responses

A review of regional, national and local OA vulnerabilities and potential means for adaptation. Will form the foundation for a project pipeline when seeking additional support for OA response in the region.

2. Monitoring and research best practices

3. Policy and regional coordination

Workshop Themes

- 1. Vulnerability and adaptation responses**
- 2. Monitoring and research best practices**

A comprehensive set of best practices and guidelines for OA research & monitoring in the Pacific

- 3. Policy and regional coordination**

Workshop Themes

- 1. Vulnerability and adaptation responses**
- 2. Monitoring and research best practices**
- 3. Policy and regional coordination**

The development of a regional framework for action on OA and a review of national climate change policy and adaptation plans – where OA is already included and where are amendments needed?

Workshop Objectives

This workshop will assist the partnership of Pacific Island countries to work with experts to:

- understand ocean acidification in a Pacific Islands context, including the challenges we face;
- identify priority areas and actions for the *Pacific Islands Partnership Ocean Acidification* project; and
- identify initial suggestions for developing a further programme of work and funding for OA.

Workshop Outputs

Specific outputs are desired from the workshop:

1. A comprehensive list of existing and potential impacts and vulnerabilities that OA creates for Pacific Island ecosystems, species, communities and economies. This includes a better understanding and awareness of the information and knowledge gaps on OA and the challenges of addressing OA.
2. A list of priority areas and activities to be conducted under the 3 project themes.
3. A set of initial options for developing a further programme of work and funding for OA.

Questions?

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