

Pacific Adaptation to Climate Change Project

MID-TERM REVIEW

October 2012

ANNEXES

		page
I	Terms of Reference, PACC Project Mid-Term Review	2
II	MTR Mission Itinerary	5
III	PACC Project Logical Frameworks	6
IV	Definition of Climate Resilience	16
V	PACC Co-Financing	17
VI	Note on the use of Cost Benefit Analysis in Climate Adaptation	19
VII	PACC MTR Reference Document Lists	21

ANNEX I

TERMS OF REFERENCE**FOR INDIVIDUAL CONTRACT**

POST TITLE:	Leader Evaluator and Expert in Coastal Management
AGENCY/PROJECT NAME:	UNDP/GEF-SCCF/AusAID/ PACC Project Pacific Adaptation to Climate Change Project (PACC)
COUNTRY OF ASSIGNMENT:	Home based with travel on mission to Cook Islands, Fiji, Samoa, Tonga and Vanuatu

1) GENERAL BACKGROUND

The UNDP/GEF PACC project is a four year USD 13m programme of action, which began implementation in February 2009 with financing from the Special Climate Change Fund. The project is executed by SPREP, who work directly with 13 National Implementing Partners (typically government entities based in each of the countries that is part of this project). In June 2011 the Australian Government provided additional funding of USD 7.8 million to complement and add value to the on-going PACC project. Australia's contribution will build on existing project delivery mechanisms established through the PACC in order to facilitate the replication and up scaling of practical adaptation measures and strengthen overall implementation of the project through increasing assistance for the programme support and knowledge management activities. The overall objective of the project is to enhance the capacity of the participating countries to adapt to climate change, including climate variability, in selected key development sectors. SCCF funds are in place to support capacity building and mainstream of climate change adaptation at the national level; and finance practical demonstration activities of adaptation approaches at the community level. Technical assistance and support, including knowledge codification and dissemination is supported through a regional approach.

Specifically, the project is expected to deliver outcomes and outputs that include improved technical capacity to formulate and implement national and sub-national policies, legislation, regulations and costing/assessment exercises. Climate change risks will be incorporated into relevant governance policies and strategies for achieving food security, water management, and coastal development. At the national level, pilot demonstration activities will deliver adaptation benefits in the form of practical experiences in the planning and implementation of response measures that reduce vulnerability of communities to climate change and increase their resilience. These benefits will be integral for future replication and up-scaling, and also to identify larger-scale investment opportunities for climate change adaptation. The project will also foster regional collaboration on adaptation.

Expected Project outcomes and outputs:

Details pertaining to the project are outlined in a UNDP project document including expected results (outcomes) and anticipated tangible deliverables. The PACC project highlights three main, closely interrelated outcomes to be achieved:

Outcome 1: Policy changes to deliver immediate vulnerability- reduction benefits in context of emerging climate risks implemented.

Outcome 2: Demonstration activities to reduce vulnerability in coastal areas (Cook Islands, FSM, Samoa and Vanuatu), crop production (in Fiji, Palau, Papua New Guinea and Solomon Islands) and in water management (in Marshall Islands, Nauru, Niue, Tonga and Tuvalu) implemented to facilitate measures to assist people and communities to adapt to risks associated with climate change.

Outcome 3: Capacity to plan for and respond to changes in climate-related risks improved.

APRC is seeking the services of consultant to lead the design and conduct of a mid-term review of the above project.

2) OBJECTIVES OF THE ASSIGNMENT

The consultant will lead the design and rollout of the mid-term review of the UNDP supported SCCF-AusAID financed PACC project.

Objectives and purpose of the evaluation

The mid-term review will adhere to the Monitoring and Evaluation (M&E) policy of the UNDP/GEF at the project level,

which has four objectives including to:

- i) monitor and evaluate results and impacts;
- ii) provide a basis for decision making on necessary amendments and improvements;
- iii) promote accountability for resource use; and
- iv) document, provide feedback on, and disseminate lessons learned.

The Mid-Term Evaluation will adhere to the following:

- a. Assess overall performance against the project objective and outcomes as set out in Project Document and other related documents (this includes assess whether the project design is clear, logical and commensurate with project time-line and resources available);
- b. Assess Project outputs to date and review planned strategies and plans for achieving the overall outcomes of the Project within the timeframe
- c. To assess the substantive effectiveness and efficiency of the Project
- d. Assess Project relevance to national priorities including the extent to which the project is a meaningful response to Climate Change adaptation needs in the Pacific with the potential for significant opportunity to reduce vulnerabilities and enhance resilience of communities across the Pacific;
- e. Critically analyze the implementation and management arrangements of the Project
- f. To provide guidance for the future Project activities and, if necessary, for the implementation and management arrangements as bilateral and multilateral funds for adaptation in the Pacific increases. This includes consideration of how the present design should be adjusted to take account of the operational experience to-date and planned upscaling of financing for the achievement of outcomes.
- g. List and document initial lessons concerning Project design, implementation and management
- h. Provide a plan for up-scaling in conjunction with the Technical Review

In particular, this evaluation will assess progress in establishing the baseline, achievement of the outcomes and outputs, and identifying any difficulties in project implementation and their causes, and recommend corrective courses of action. Effective action to rectify any identified issues hindering implementation will be a requirement prior to determining whether implementation should proceed. Project performance will be measured based on the quantitative and qualitative indicators defined in the Logical Framework and the Results Framework of the Project Document. The report of the Mid-Term Evaluation will be stand-alone document that substantiates its recommendations and conclusions.

3) SCOPE OF WORK

The mid-term evaluation is intended to provide a comprehensive overall assessment at mid-term of the project on the progress and results so far and projected long term impacts and it also provides an opportunity to critically assess administrative and technical strategic issues and constraints. The evaluation should provide recommendations for strategies, approaches and/or activities to improve the potential of the project to achieve expected outcomes and meet objectives within the project timeframe. Findings of this evaluation will be incorporated as recommendations for enhanced implementation of the current project phase as well as for the design of the subsequent project phases.

In this context, the consultant will be responsible for the following tasks.

- a) Lead and coordinate with the expert on water resource governance and the expert on agriculture, horticulture and crop production to ensure the completion of the assignment including final editing and delivery of the principal outputs, the MTE Report and Technical Review Report, in compliance with the contract and specifications.
- b) Lead the collection and review of documentation including all relevant data, records and documents produced and used in the design, planning, management, implementation and monitoring of the PACC Project and each country 'sub-project'.
- c) Conduct consultations with project stakeholders and participants (both remotely and face-to-face). Prior to and following country visits, the team will consult with each PMU National Coordinator and staff by e-mail, which may include distribution of structured series of questions and responses. These will seek information additional to that provided in response to the Inception request, and will cover all aspects of the PACC initiative relevant to the specific country.
- d) Review, critically analyse, identify issues, and recommend adjustments to each of the following main aspects of the PACC Project:

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|-------------------|--|
| 1. Project Design | <ul style="list-style-type: none"> • Problem identification; stakeholders • Project concept, logic and strategy • Specification of planned outcomes and outputs, indicators and targets |
|-------------------|--|

- Project timeline, workplans, resources and financing
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- | | |
|---|--|
| 2. Project Relevance and significance | <ul style="list-style-type: none"> • Response to regional, national, local priorities and needs • Institutional and systemic capacity building • Potential for climate adaptation, reduction of vulnerabilities/ resilience enhancement |
| 3. Project Management and Implementation Arrangements | <ul style="list-style-type: none"> • Regional and national direction, management and administration; institutional arrangements • UNDP, SPREP, Governments; oversight, collaboration, backstopping and support • Work planning, delivery of inputs, financial management • M&E, information management, reporting, learning, adaptive management |
| 4. Project Performance and achievements | <ul style="list-style-type: none"> • Development of baseline • Selection and development of sub-projects; national and local project frameworks • Progress towards planned outputs and outcomes (indicators) • Broader impacts and success – environmental, social, community, institutional • Effectiveness of strategies and actions taken. |
| 5. Lessons and Recommendations | <ul style="list-style-type: none"> • Strengthening the current project phase • Design of subsequent project phases. |
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- e) Carry out the Technical Review focusing in particular on component 2 of the PACC Project: - planning, development and implementation of policy or practical demonstration actions that are intended to increase resilience of communities to climate change impacts, in the broad target 'sectors' of Crop production, Water resources, and Coastal management.

PACC Project Mid-Term Review 2012 Itinerary

Week of MTR	Itinerary	Mission
1. 24.June		
2. 01.July	Samoa (PH, GK)	Consultations - SPREP, PACC RPMU Consultations - Samoa PACC
3. 08.July	Samoa (PH) Fiji (GK)	Consultations - SPREP, UNDP, PACC RPMU Consultations - Fiji PACC
4. 15.July	PNG (GK)	Consultations - PNG PACC
5. 22.July		
6. 29.July		
7. 05.August	Nauru (PH)	Observer at PACC Regional Meeting Consultations - Nauru PACC
8. 12.August		
9. 19.August	Vanuatu (PH)	Consultations – Vanuatu PACC
10. 26.August		
11. 02.September	Solomon Islands (GK)	Consultations – Solomon Islands PACC
12. 09.September	Marshall Islands (PH)	Consultations – Marshall Islands PACC
13. 16.September	FSM, Kosrae (PH) Palau (PH)	Consultations – FSM PACC Consultations – Palau PACC
14. 23.September		
15. 30.September		
16. 07.October	Tonga (CC) Tuvalu (CC) ¹	Consultations – Tonga PACC Consultations – Tuvalu PACC
17. 14.October	Fiji (PH, GK, CC)	Write-up
18. 21.October		Delivery of draft MTR Report
19. 28.October	Samoa (PH)	Presentation on MTR findings
20. 04.November		
21. 11.November		
22. 18.November		
23. 25.November		Delivery of final MTR Report
24. 02.December		

CC Clive Carpenter
GK Gavin Kenny
PH Peter Hunnam

¹ Flight cancellation

PACC Project Logical Frameworks and other Planning-Monitoring Frameworks

Logical Framework following 2009 Inception Review

Project Strategy	Indicator*	Baseline value	Target and benchmarks
Objective: To enhance the capacity of the participating countries to adapt to climate change, including variability, in selected key development sectors.	Number of references to vulnerability of the coastal, crop production and water sector to climate risks in policies, plans and projects.	Climate change risks in the coastal, crop production and water sector are not acknowledged in relevant policies, plans and projects both at the national and local level.	By the end of the project, 100% of national and regional relevant plans in all participating countries include climate change risk considerations for the coastal, crop production and water sector.
Outcome 1: Policy changes to deliver immediate vulnerability- reduction benefits in context of emerging climate risks defined in all 13 PACC countries.	Number of references to coastal, crop production and water sector climate change risks in relevant plans and programmes.	Relevant development and risk management plans do not include climate change risks on the coastal, crop production and water sector.	By the end of the project, climate change risks in the coastal, crop production and water sector are addressed in three (3) national plans and at least two (2) provincial development plans.
Output 1.1: Develop policies, methodologies, and tools to enhance Pacific Island countries efforts to mainstream climate change into their current national development plans and priorities.	1.1.1 Number of instances where the Guidelines on climate change risk management have been applied in national and sub-national coastal, crop production and water sector related plans and programmes. 1.1.2 At least three climate change policies developed in three PACC countries. 1.1.3 Number of plans that integrate climate change risk issues related to coastal, crop production and water sector management.	Relevant development and risk management plans, both at the national and the local level, do not address climate change risk in the coastal, crop production and water sector.	By the end of the project, all 13 project countries integrate climate change risk resilience in the corresponding national and sub-national policies or plans of their target sector (coastal, crop production or water sector)
Output 1.2 Climate change economic tools for evaluation of adaptation options developed and utilized.	1.2.1 Availability of an economic tool to cost different climate change adaptation options 1.2.2 The number of countries that apply economic costing of adaptation options in their project activities	Currently, no such models exist.	By the end of the project, at least 5 countries have used the model in their pilot sites.
Outcome 2: Demonstration measures to reduce vulnerability in coastal areas and crop production (in Fiji, Papua New Guinea and Solomon Islands) and in water management (in Nauru, Niue, Tonga and Tuvalu) implemented.	Number of adaptation measures implemented at the national level Number of adaptation measures implemented at the sub-national level Number of adaptation measures implemented at the local (community) level.	No long-term climate change adaptation measures implemented.	By the end of the project, adaptation measures to address climate change risks are adopted in the corresponding target sectors (coastal, crop production or water sector) by: – All countries (100%) at the national level. – 50% of countries at the sub-national level. – At least one (1) community in each country.
Output 2.1.1a: Guidelines to integrate Coastal Climate Risks into the design of one of the following harbours. Manihiki (Tukao or Tauhunu), Penrhyn and Nassau.	2.1.1a At the end of year two, community consultations and project design guidelines are completed and applied to the chosen harbour design.	Currently, no coastal developments have taken future changes in climate into consideration.	By the end of the project, the Climate Change adaptations & design guidelines are in place and incorporated in the design of the demonstration project.

Project Strategy	Indicator*	Baseline value	Target and benchmarks
<p>2.1.1.b Demonstrate the integration of coastal climate risks into the Harbour designs of one of the following harbours; Manihiki (Tukao or Tauhunu), Penrhyn and Nassau.</p> <p>Output 2.1.1a: Guidelines to integrate Coastal Climate Risks into the design of one of the following harbours. Manihiki (Tukao or Tauhunu), Penrhyn and Nassau.</p>	<p>2.1.2b At the end of the year one a climate change resilient design is completed, peer reviewed and approved for the harbour chosen.</p> <p>2.1.1a At the end of year two, community consultations and project design guidelines are completed and applied to the chosen harbour design.</p>	<p>Currently, no coastal developments have taken future changes in climate into consideration.</p> <p>Currently, no coastal developments have taken future changes in climate into consideration.</p>	<p>By the end of the project, one harbour (demonstration) that incorporates climate change adaptation risks in its structural design is completed and operational.</p> <p>By the end of the project, the Climate Change adaptations & design guidelines are in place and incorporated in the design of the demonstration project.</p>
<p>Output 2.2.1a: Guidelines to integrate climate risks (e.g. intense rainfall and storm surges) into coastal road designs.</p> <p>Output 2.2.1b: Measures identified in the Guidelines (2.2.1a) demonstrated in Walung community, Kosrae (with co-financing support).</p>	<p>2.2.1a Number of guidelines revised and applied</p> <p>2.2.1b. Number of existing road projects where the guidelines (developed under 2.2.1.a.) are applied</p>	<p>Guidelines for road design exist, but they are not climate-proof</p> <p>One existing road project, which is not climate-proofed</p>	<p>At the end of year two, a Guideline is developed and integrated into one (1) national and one (1) State road management plan</p> <p>By the end of the project, at least one (1) climate resilient road design is demonstrated.</p>
<p>Output 2.3.1a: Existing coastal and river protection guidelines and flood modeling within the CIMP revised and updated.</p> <p>Output 2.3.1b: Climate Proof Measures identified in the Guidelines (2.3.1a) demonstrated in coastal and river communities Gataivai, Salelavalu (Savaii) Lotofaga, Tafitoala (Upolu) Vaisigano river (Apia) Fuluasou river (Vailoa Faleata) (With government – and community co-financing support).</p>	<p>2.3.1a At least 4 district CIMP revised and updated</p> <p>2.3.1b At the end of year 2, coastal and river protection defense system in place in the 6 villages.</p>	<p>CIMP, Saoluafata sea wall assessment report. PUMA Development consent guidelines Flood model program</p> <p>CIMP, Saoluafata sea wall assessment report. PUMA Development consent guidelines Flood model program</p>	<p>By the end of the PACC project, the updated guidelines integrated into national coastal and river protection programs.</p> <p>By the end of the PACC project, community coastal and river protection defense is demonstrated.</p>
<p>Output 2.4.1a Guidelines that incorporate multistakeholder decision-making in the redesign and relocation of coastal roading infrastructures due to the impacts of climate change.</p> <p>Output 2.4.1b Climate Proofing Measures identified through use of the Guidelines (2.4.1a) demonstrated in Epi communities, Shefa Province (with co-financing support).</p>	<p>2.4.1a Number of guidelines developed incorporating a multi-stakeholder decision-making system in the redesign and relocation of coastal roading infrastructures.</p> <p>2.4.1b Number of demonstration sites implemented using guideline for redesigning and relocation of coastal roading infrastructure</p>	<p>No guidelines in place for coastal roading infrastructure redesign and relocation.</p> <p>No such guidance is available at the time of project signing.</p>	<p>By the end of the project, at least one (1) guideline for redesigning and relocation of coastal roading infrastructures in isolated coastal communities is used.</p> <p>By the end of the project, at least one (1) Demonstration project implemented using guideline for redesigning and relocation of coastal roading infrastructures.</p>
<p>Output 2.5.1a: Drainage design criteria for the drainage network and all associate drainage infrastructures are revised to adapt to future rainfall regime and sea level rise due to the Climate Change</p> <p>Output 2.5.1b: The revised guidelines (2.1) are demonstrated in drainage network and on associate infrastructures in the Tailevu/Rewa and Serua Namosi Province (with co-financing</p>	<p>2.5.1a Number of guidelines with revised design criteria on rainfall, runoff, discharging capacity for the drainage network, outfall structure and seawall & other associate drainage infrastructures.</p> <p>2.5.1b Number of drainage schemes (including drains, outlet waterways, outfall structures, seawalls, culverts) renovated/ enhanced as per new guide line in the demonstrating schemes</p>	<p>Drainage guideline exist; but not adequate to address current and future rainfall trend, and sea level rise due to Climate Change.</p> <p>The present drainage infrastructures are not adequate to cope with the future rainfall regime & sea level rise due to Climate Change effects.</p>	<p>By the end of the project, at least 4 new guidelines (design criteria) are developed and applied in the demonstration areas. This will be the basis for future drainage design and construction works in Fiji.</p> <p>By the end of the project drainage schemes are renovated to meet the new design criteria and requirements, at least at the Tailevu/Rewa and Navua (Serua/Namosi) areas.</p>

Project Strategy	Indicator*	Baseline value	Target and benchmarks
support).			
Output 2.6.1a Guidelines to improve resilience of coastal food production systems to the impacts of climate change.	2.6.1a Number of Guidelines developed.	No such Guidelines exists.	By the end of the project, at least one (1) Guideline is developed for Ngatpang State in Palau.
Output 2.6.1b Measures identified in the Guidelines (2.6.1a) demonstrated in Ngatpang State/Communities	2.6.2b Number of coastal food production systems projects where the guidelines (developed under 2.6.1.a.) are applied	No measures in place that have taken climate change into consideration at implementation of project	By the end of the project, at least one (1) community in Ngatpang State has demonstrated and accepted a measure developed and applied through the project.
Output 2.7.1a: Guidelines for design of underground irrigation networks to adapt to future rainfall regimes.	2.7.1a One guideline for the design of irrigation systems using underground water developed	No guidelines in place for the use of underground water for irrigation No design that takes into consideration of long-term change in precipitation levels	By the end of the project, guideline for irrigation using underground water approved by government
Output 2.7.1b: Measures identified in the Guidelines (2.7.1a) demonstrated in Kivori Poe, Kairuku district, Central Province (with co-financing support).	2.7.1b Number of measures demonstrated		By the end of the project, at least one village in the Kivori Poe Ward applies the guidelines in their demonstration project.
Output 2.8.1a: Guidelines for reducing vulnerability of small isolated island communities' to the effects of climate change in the food production and food security sector.	2.8.1a Number of Guidelines developed and applied.	No such guidance is available at present.	By the end of the project, at least 1 Guidelines is developed and applied.
Output 2.8.1b: Measures identified in the Guidelines (2.8.1a) demonstrated in Ontong Java Island (with co-financing support).	2.8.1b Number of measures demonstrated in small island communities.	No new measures in place that have taken climate change into consideration	By the end of the project, at least one (1) small island community in the Solomon Islands has demonstrated and accepted a project intervention.
Output 2.9.1a Water policy and guidelines developed to support water conservation and minimize reliance on central reservoir	Number of policy and guidelines developed	Draft Water policy developed, but not climate proofed No guidelines established to support water conservation	By the end of project at least three (3) guidelines developed for: a) Conservation of water in the Reservoir b) Water storage for agriculture activities
Output 2.9.1b Measures identified in the guidelines demonstrated in Majuro atoll	Number of measures demonstrated in Majuro atoll	No conservation measures for central reservoir in place and inadequate measures in place to reduce reliance on reservoir	By the end of project, at least one (1) intervention to: minimize evaporation in the current water reservoir; increase water storage for farming activities.
Output 2.10.1.a: Guidelines for design of conjunctive supply systems to enhance resilience to drought events	2.10.1a Number of conjunctive designs combining current freshwater and groundwater supply and storage	Existing guideline needing strengthening	By the end of the project, at least 2 guidelines are developed: 1) Revamp Storage and Catchment 2) Improved community access to current system 3) Establish Water Unit (merging IWRM and PACC)
Output 2.10.1.b: Measures identified in the guidelines (2.10.1.a) demonstrated in 3 districts Denig, Aiwo and Buada District (with co-financing support)	2.10.1b Number of conjunctive designs combining current freshwater and groundwater supply and storage demonstrated	Existing guideline needing strengthening	By the end of the project, at least 2 guidelines are developed and demonstrated in a pilot situation in Nauru
Output 2.11.1a: Guidelines for design of water storage systems on a raised atoll island to	2.11.1a Number of instances of practical guidance being used.	No previous experience in such design.	By the end of the project, at least one (1) practical guidance is in place and five (5) officers trained

Project Strategy	Indicator*	Baseline value	Target and benchmarks
enhance resilience to drought events. Output 2.11.1b: Measures identified and approved in the Guidelines (2.11.a) demonstrated in at least 3 villages (approx. 100H)	2.11.1b Number of improved and approved water storage system on the raised atoll island to enhance resilience to prolonged drought situations in place	Limited experience in place.	on the use of the guide. By the end of the project at least 1 guideline to improve water storage systems is demonstrated in a pilot situation in Niue At least 100 water storage system installed, adopted and in use
Output 2.12.1a: National Guideline developed to drought proof Tongan Communities Output 2.12.1b: Measures identified in the Guidelines (2.12.1a) demonstrated in Hihifo district (with co-financing support).	2.12.1.a No of national drought proofing guideline. No previous experience in climate-proofing water supply design 2.12. Number of drought proofed measures in the guideline demonstrated	No national drought proofing guideline. No previous experience in climate-proofing water water supply design Existing non resilient water supply system in Hihifo.	By the end of the project, drought proofing guidelines for assessing and addressing water resource use and management developed By the end of the project, the six villages of Hihifo draught proofed to National Standards.
Output 2.13.1a: Guidelines for climate proofing integrated water management plans. Output 2.13.1b: Measures identified in the Guidelines (2.13.1a) demonstrated in Fogafale village (with co-financing support).	2.13.1a Number of instances of guidance. 2.13.1b Number of interventions to climate proof current integrated water management plan demonstrated.	This activity has never been carried out. No previous in carrying out this work.	By the end of the project, a guide on how to climate proof water management plans in place. By the end of the project, Tuvalu's current integrated water management plan is climate proofed.
Outcome 3: Capacity to plan for and respond to changes in climate related risks improved.	Technical capacity at the national level to support the work in 13 PICs enhanced.	Carried out in ad hoc arrangements.	By the end of the project, the 13 PICs rate that the quality of support received as a 1 (out of 4, with 1 being excellent and 4 being poor).
Output 3.1.1: Technical advice for implementation of national adaptation	3.1.1 Number of instances of technical guidance provided and accepted.	Regional support mechanisms ad hoc in nature.	By the end of year 2, the Support Mechanism for the Project is in place and provides relevant technical guidance to all PICs on a regular basis,
Output 3.1.2: Best practices and lessons exchanged among countries through SPREP.	3.1.2 Number of lessons exchanged.	No climate change adaptation lessons have been shared around the region in a systematic fashion.	By the end of year 4, at least 26 lessons are documented and exchanged (two lessons for each of the 13 PICs) between the countries.
Output 3.1.3: Project website established at SPREP.	3.1.3 Project website functioning	No specific website targeted at climate change adaptation.	By the end of the 2 nd year of the project, the PACC project website is established at SPREP and regularly updated with lessons learnt from all participating countries.
Outcome 4 Project Management Implemented.	Number of PMUs operating successfully at the national level.	None existing at present.	By the end of year one, 13 PACC national PMUs are operating and reporting regularly to the PACC PMO based at SPREP.
Output 4.1 Project Management Implemented.	4.1.1 At least one officer manning the national PMU	No dedicated officer exists at present.	By the end of year one, at least 13 PACC Coordinators are manning the 13 national PMUs and reporting regularly to the PACC PMO based at SPREP.

PACC Logical Framework (APR 2010)

Project Strategy	Indicator*	Baseline value	Target and benchmarks
Goal: To reduce vulnerability and to increase adaptive capacity to the adverse effects of climate change in key Development Sectors identified by 13 participating countries in the Pacific.			
Objective: To enhance the capacity of the participating countries to adapt to climate change, including variability, in selected key development sectors.	1. Number of targeted institutions in the agriculture, water and coastal management sectors in the project countries increased capacity to adapt to climate change and variability	National institutions in the agriculture, water and coastal management sectors lack information and capacity to integrate climate change risks in their policies and practices.	<p>By the end of the project, institutions in charge of the target sectors in the 13 countries have developed capacity to undertake climate change related policy and adaptation implementation processes, and able to effectively coordinate with other relevant institutions.</p> <p>Level at 30 June 2009: Following the initiation of PACC project in March, and the inception workshop in June, PACC countries started to make institutional arrangements to delegate responsibilities to sectoral administrations, and the project initiation triggered attention and prioritization at the national government level on CC issues.</p> <p>Level at 30 June 2010: Following the operationalization of NPMUs and trainings, sectoral administrations have placed CC amongst the top development priorities. Sectors are now engaged in national dialogues on CC issues and CC coordination mechanisms. This has resulted in enhanced capacity on vulnerability and adaptation assessments and adaptation planning through engaging the relevant stakeholders in technical processes.</p>
	2. Number of communities in the participating countries that have increased adaptive capacity to address climate risks	Vulnerable communities lack awareness and information on available adaptation solutions, and lack the capacity to undertake systematic vulnerability assessments and adaptation planning to implement them	<p>By the end of the project, at least 50 communities are directly involved in adaptation measures and increase their adaptive capacity</p> <p>Level at 30 June 2009: Communities at the pilot demonstration sites identified and participated in consultations in most countries, with expectations for project implementation and awareness on CC issues.</p> <p>Level at 30 June 2010: Communities in the pilot areas has been fully informed and engaged in initial consultations and assessments, providing enhanced understanding on CC issues and impacts, and options of adaptation. Communities in the pilot areas has been fully informed and engaged in initial consultations and assessments, providing enhanced understanding on CC issues and impacts, and options of adaptation.</p>
Outcome 1: Policy changes to deliver immediate vulnerability-reduction benefits in context of emerging climate risks defined in all 13 PACC countries.	1. Number of sectoral policies and plans that integrate climate change risk issues related to coastal, crop production and water sector management .	1. Relevant sectoral policies and plans do not include climate change risks on the coastal, crop production and water sector.	<p>By the end of the project, all 13 project countries integrate climate change risk and resilience in the corresponding national and sub-national policies or plans of their target sector (coastal, crop production or water sector)</p> <p>Level at 30 June 2009 Only few countries initiated dialogue or processes on CC mainstreaming, as most countries have been focusing on operational issues and planning to carry out surveys as one of the first steps to informing the integration process and framework</p> <p>Level at 30 June 2010 All countries initiated dialogue with national country teams and community committees. Some countries have initiated sectoral and national CC mainstreaming process formally (e.g. Solomon islands), while in the case of Niue and Tonga national climate change policy and action plan has been developed integrating CC adaptation and disaster risk reduction, supported also through PACC.</p>
	2. Number of national policies revised or developed to integrate climate change.	1. National development plans do not integrate climate risk, and there are no overall national CC policies exist.	<p>By the end of the project, at least 3 countries have reviewed or developed national policies that integrates climate risk and resilience</p> <p>Level at 30 June 2009 -</p> <p>Level at 30 June 2010 In all countries PACC teams are integrated into overall national CC coordination mechanisms (and contributed to strengthen them), and into cross-project coordination mechanisms (e.g. joint Steering Committees with IWRM project in water and coastal sector PACC countries)</p>

Project Strategy	Indicator*	Baseline value	Target and benchmarks
Outcome 2: Demonstration measures to reduce vulnerability in coastal areas and crop production (in Fiji, Papua New Guinea and Solomon Islands) and in water management (in Nauru, Niue, Tonga and Tuvalu) implemented.	1. Existence of comprehensive sectoral technical guidelines on CC adaptation	Lack of systematic adaptation guidelines in the coastal, water and agriculture sectors.	By the end of the project detailed sectoral technical guidelines are prepared, capturing all phases of the demo adaptation projects in all project countries.] Level at 30 June 2009 Countries have been revising their demonstration sites and applications, to reflect changing conditions and priorities that occurred since the project formulation phase. In some countries (e.g. Cook Islands and Tuvalu), it resulted to a change of demo sites and activity focus. Level at 30 June 2010 Technical assessments have been carried out, laying the foundation of the demonstration guides to be completed throughout the project.
	2. Number of adaptation measures demonstrated at the local/community level	Ad-hoc coping responses exist without integrated climate change risks	By the end of the project at least two adaptation measures demonstrated in each of the pilot sites Level at 30 June 2009 - Level at 30 June 2010 All countries have engaged with the local communities in the demo sites through initial consultations, V&A assessments, and awareness raising activities. Some countries where demo plans have been based on previously established plans and assessment, already implemented on the ground measures (e.g. coastal protection structures in pilot villages in Samoa).
Outcome 3: Capacity to plan for and respond to changes in climate related risks improved.	1. Percentage of targeted institutions and relevant stakeholders who participate in training activities report effective application of new skills and knowledge in climate vulnerability assessments and adaptation planning	Sector institutions lack the knowledge and capacity to carry out specific adaptation planning processes	By the end of the 3rd year of the project, at least 70% of national and community level stakeholders who participate in training activities report effective application of new skills and knowledge in climate vulnerability assessments and adaptation planning. Level at 30 June 2009 Countries and their sectoral administrations have very limited adaptation assessment and planning capacity. Level at 30 June 2010 As a result of the V&A training countries have developed initial capacities to undertake assessments and adaptation planning.
	2. Number of countries effectively communicating project results to national and regional audiences, through established national communication action plans	Communication and awareness raising on CC issues not systematic	By end of year 2, all countries have defined their national communication action plan for PACC based on the PACC Communication Strategy. Level at 30 June 2009 Countries have not engaged systematically in communicating about PACC project at the national level. Level at 30 June 2010 The PACC overall Communication Strategy has been developed by SPREP and has been discussed in detail on regional PACC meetings with countries. Countries have engaged in a broad range of communication activities harnessing conventional and modern media, and raising awareness in local communities through direct engagement at demonstration sites.

Project Strategy	Indicator*	Baseline value	Target and benchmarks
	3. Number of lessons learned and best practices taken up in project outreach and dissemination activities	Lack of a systematic approach to capturing and sharing of lessons learned and best practices at all development intervention levels	<p>Starting from year 2 of the project, at least 3 lessons learned and best practices per country consolidated every year in form of case studies, experience notes, brochures, photo stories or audio-visual materials and disseminated at appropriate channels</p> <p>Level at 30 June 2009 -</p> <p>Level at 30 June 2010 Some countries started to document their demonstration activities such as Tonga - that produced a short-documentary on the project surveys carried out in the pilot site - Hihifo district. Tonga, Tuvalu, Vanuatu and Solomon Islands produced quarterly newsletters and brochures - and have shared these with NGOs and pilot communities. .</p>

PACC Outputs and Activity Plan, 2010 (from PACC Overall MYWP)

Outputs / Activities
Outcome 1: Policy changes to deliver immediate vulnerability- reduction benefits in context of emerging climate risks defined in all 13 PACC countries.
Output 1.1 Sectoral or national policies revised to incorporate climate change risk and resilience aspects (nationally executed activities).
Activity 1.1.1 – Conduct stocktaking and develop an overview of national and sectoral policies, strategies, plans and related instruments.
Activity 1.1.2 – Analysis of climate change gaps in policy frameworks and in related institutional capacities: desk review and consultations.
Activity 1.1.3 – Establish plans and timelines for mainstreaming process, agreeing on mainstreaming objectives and policy instruments to be modified or developed.
Activity 1.1.4 – Consultations on reviews required for integration of CC into relevant policies.
Activity 1.1.5 – Modification of policy instruments for CC integration, or development of new CC policy where appropriate (drafting of revised or new policy).
Activity 1.1.6 – Application of modified or newly created policy frameworks and instruments in pilot demo (where appropriate) and integration of demo and pilot experience informing policy frameworks.
Activity 1.1.7 – Official approval, process of revised or new policies (e.g. Cabinet endorsement).
Output 1.2: Methodology and tools developed to assist Pacific Island countries mainstream climate change into their sectoral and national policies and development plans.
Activity 1.2.1 – Review of existing mainstreaming approaches including Pacific experiences and development of an initial mainstreaming Guide.
Activity 1.2.2 – Develop a training methodology for in-country mainstreaming workshops (aligned closely with activities in Output 3.2).
Activity 1.2.3 – Application and testing of the mainstreaming and training methodology in a set of pilot country workshops (aligned closely with activities in Output 3.2).
Activity 1.2.4 – Improve the focus and application of the mainstreaming guide and training methodology develop country case studies based on the pilot workshop experience.
Activity 1.2.5 – Roll out the mainstreaming training workshops for the rest of the region (aligned closely with activities in Output 3.2).
Activity 1.2.6 – Analyze country experiences and document mainstreaming cases and lessons learnt.
Activity 1.2.7 - Capture and analyze experiences and lessons learnt from the pilot demonstration activities to inform high level policy making and enhance the mainstreaming methodology.
Activity 1.2.7 - Preparation of PACC mainstreaming publication (drafting and peer review).
Output 1.3 Climate change economic and socioeconomic tools for evaluation of adaptation options developed and utilized.
Activity 1.3.1 – Review of existing methods and approaches for socio-economic assessments and development of an initial socio-economic guide.
Activity 1.3.2 – Review of existing methods and approaches for economic assessments, and evaluation of adaptation options (e.g. CBA, CEA and MCA), including Pacific experiences and development of an initial socio-economic guide.
Activity 1.3.3 – Develop a training workshop methodology for in-country economic and socioeconomic support (aligned closely with activities in Output 3.2).
Activity 1.3.3 – Application and testing of the economic and socioeconomic and training methodology in a set of pilot country workshops (aligned closely with activities in Output 3.2).
Activity 1.3.4 – Roll out the economic and socioeconomic workshop to the rest of the project countries.
Activity 1.3.5 – Improve the focus and application of the economic and socioeconomic guide and training methodology, develop country case studies based on the pilot workshop experience.
Activity 1.3.6 - Capture and analyze experiences and lessons learnt from the pilot demonstration activities to provide feedback on economics and socioeconomics methods an guides.
Outcome 2: Demonstration measures to reduce vulnerability in coastal areas and crop production and in water management implemented.
Output 2.1 Guidelines developed to integrate climate risk into the corresponding sectors and demonstration activities in each countries [Planning part of the Demo].
Activity 2.1.1 - Undertake vulnerability and socioeconomic assessment of the pilot demonstration site (coastal, agriculture and water).
Activity 2.1.2 – Identify adaptation options.
Activity 2.1.3 – Evaluate and select adaptation measures through cost benefit or cost effectiveness analysis.
Activity 2.1.4 – Carry out EIA (if pilot activity is infrastructure related).
Activity 2.1.5 – Prepare draft guideline by documenting and analyzing the adaptation assessment, planning process. And lessons learnt from the pilot site.
Activity 2.1.6 – Conduct training workshops on the guidelines to be applied in a pilot demonstration situation (aligned closely with activities in Output 3.2).
Output 2.2 Measures identified in the Guide demonstrated [Implementation and monitoring of results].
Activity 2.2.1 – Carry out detailed design of adaptation measures.
Activity 2.2.2 – Establish implementation plan.
Activity 2.2.3 – Implementation of the adaptation measures at the pilot site in the area of coastal, food security and water.

Activity 2.2.4 – Evaluation and monitoring of pilot adaptation measures.

Activity 2.2.5 – Review of the sectoral guidelines through integrating the experience from the demonstration and implementation activities. [last two quarters of the project]

Outcome 3: Capacity to plan for and respond to changes in climate-related risks improved.

Output 3.1 National Communication and awareness plans developed and implemented.

Activity 3.1.1 - Develop a National Communication and awareness plan (based on the PACC regional communication strategy).

Activity 3.1.2 Develop country-specific education and communication materials.

Activity 3.1.3 Organizing forums for senior policy and decision-makers, prepare cabinet briefing papers to inform on PACC activities/results.

Activity 3.1.4 Prepare country-specific quarterly PACC newsletters/snapshots (distributed in print or through web, emails).

Activity 3.1.5 - Organizing PACC activities connected to national events.

Activity 3.1.6 – Organize other types of communication and awareness activities as defined in national communication plans (see notes).

Output 3.2 Best practices and lessons exchanged among countries.

Activity 3.2.1 - Document and share results of the project.

Activity 3.2.2 - Collect, document and share examples of best practices and lessons learnt in the following areas: community consultation, V&A assessments, adaptation planning and interventions demonstrated, mainstreaming climate change (national, sectoral and community).

Activity 3.2.3 - Exchange experiences, knowledge and lessons learnt through visits among countries for PACC Country Coordinators, policy makers and project participants.

Activity 3.2.4 - Develop case studies and thematic reports on mainstreaming, sectoral applications and other technical aspects.

Output 3.3 Regional backstopping mechanism set-up to provide regular technical support.

Activity 3.3.1 – Setting-up of a regional expert advisory group to provide technical support (V&A, mainstreaming, socioeconomics, sectoral applications and demo implementation) to countries

Activity 3.3.2 – Create an e-network linked to the PACC website (involving National Coordinators and support Experts).

Activity 3.3.3 – Assess capacity needs of the PACC countries (at Annual Review Meeting).

Activity 3.3.4 – Provide capacity support to countries in order to initiate mainstreaming process and agree on a plan (immediate follow up to the workshop).

Activity 3.3.5 – Provide direct support to countries to carry out mainstreaming activities outlined in their plans.

Activity 3.3.6 – Provide technical support to adaptation assessments and planning in the three PACC sectors for the pilot demos.

Activity 3.3.7 – Provide technical support for the implementation of the pilot demos.

Activity 3.3.8 – Develop a PACC regional communication strategy.

Activity 3.3.9 – Provide communication support to the countries (on a needs basis).

Activity 3.3.10 – Conduct side events on project progress at high level international and regional events including the Pacific Islands Forum Leaders Meeting and the SPREP Council/Ministerial Meeting/UNFCCC Meetings.

Activity 3.3.11 – Provide support to countries for the setting up of National PMU and Inception Meeting.

Activity 3.3.12 – Establish partnership with the ICCAI - Pacific Climate Change Science Programme on the use of the climate projections being developed for PICS for the support of PACC objectives. Conduct training on the use of climate projections, in partnership with ICCAI-PCCSP

Activity 3.3.13 Assist countries to translate their vulnerability and adaptation assessments, adaptation planning and evaluation into technical reports that can contribute to future IPCC Assessment Reports.

Activity 3.3.14 - Provide training support for project financial reporting which include the filling in of Face Forms

Activity 3.3.15 - Review project expenditure and projected expenses from Face Forms and details of financial transactions submitted by countries at the end of each quarter

Activity 3.3.16 - Review countries Annual Work Plan and propose improvements where appropriate

Activity 3.3.17 - Develop and regularly update the Multi Year Work Plan

Activity 3.3.18 - Prepare Annual Work Plan for the regional PMU

Activity 3.3.19 - Provide procurement support to the countries (based on the SPREP procurement procedures)

Activity 3.3.20 - Carry out PACC Regional Inception Meeting.

Activity 3.3.21 - Carry out PACC Multipartite Review Meeting.

Activity 3.3.22 - Carry out Mid-Term External Evaluation

Activity 3.3.23 - Refine Log Frame (including indicators) taking into consideration changing circumstances.

Activity 3.3.24 - Fill out APR and PIR (annually).

Activity 3.3.25 - Carry out Monitoring and Evaluation visits to countries to review project progress against agreed indicators in the log frame.

Activity 3.3.26 - Carry out Final External Evaluation

Output 3.4 Technical training programme for adaptation planning and implementation support provided.

Activity 3.4.1 – Organize a regional technical workshop to inform countries on the technical aspects of the PACC project (adaptation planning and mainstreaming approaches).

Activity 3.4.2 – Develop a training workshop methodology (V&A, mainstreaming, socioeconomics) and identify the expertise needed (aligned with Outputs 1.1 and 1.2).

Activity 3.4.3 – Carry out training on V&A (contributes to pilot demonstration assessments).

Activity 3.4.4 – Carry out training on Socioeconomics (contributes to pilot demonstration assessments).

Activity 3.4.5 – Carry out training on cost benefit analysis etc. (contributes to pilot demonstration assessments).

Activity 3.4.6 – Carry out training on Mainstreaming (contributes to Policy Changes Outcome 1).

Activity 3.4.7 – Revising the training methodology and associated technical guidelines.

Activity 3.4.8 – Roll out the training for the rest of the region.

Activity 3.4.9 – Regional technical trainings on the occasion of the Annual Meeting.

Output 3.5 Project Website developed and regularly updated.

Activity 3.5.1 – Design a project website.

Activity 3.5.2 – Develop a project website.

Activity 3.5.3 – Periodic revision of the project website (structural, functions etc.).

Activity 3.5.4 – Continuous update of project website content.

Outcome Four – Project Management

Output 4.1 National Project Management Units established and operational

Activity 4.1.1 – Prepare narrative and financial information and transactions for every quarter and forecast project expenditure for the next quarter.

Activity 4.1.2 – Fill in the Face Form and submit to SPREP.

Activity 4.1.3 – Develop and revise Annual Work Plan and update Multi-Year Work Plan accordingly.

Activity 4.1.4 – Project administration and management training carried out.

Activity 4.1.5 – Assist in the establishment of a National PACC Project Management Unit (in all PACC countries).

Activity 4.1.6 – Sign MoU between SPREP & countries.

Activity 4.1.7 – Assist PICs carry out recruitment of National Coordinators (in all PACC countries).

Activity 4.1.8 – Assist PICs carry out Inception Meeting at the national level (in all PACC countries).

Activity 4.1.9 Assistance to technical core teams (TIGs, etc)

Climate Resilience

The PACC project was developed to address vulnerabilities to climate change through implementation of adaptation measures. The implicit assumption in this and many other climate change adaptation projects is that addressing vulnerabilities will lead to building of resilience. This is not actually the case.

An important first step, then, is to develop more comprehensive and meaningful definitions of these terms. There does appear to be a reasonable understanding in the Pacific Islands of what vulnerability means, but for clarity it is defined by the Intergovernmental Panel on Climate Change (IPCC, 2007) as

“The degree to which a system is susceptible to, and unable to cope with, adverse effects of climate change, including climate variability and extremes. Vulnerability is a function of the character, magnitude, and rate of climate change and variation to which a system is exposed, its sensitivity, and its adaptive capacity.”

However, the understanding of resilience is not as clear. What does it mean to be resilient? Does it mean to continue with business as usual practices and either try to accommodate or retreat from change? Or does it mean to redesign? The latter approach, for many, involves a significant change in mindset and requires a more systems-based and holistic process. A robust and comprehensive definition is provided by the Intergovernmental Panel on Climate Change (IPCC, 2007):

“the ability of a social or ecological system to absorb disturbances while retaining the same basic structure and ways of functioning, the capacity for self organisation, and the capacity to adapt to stress and change.”

From this definition the three main characteristics of resilience are **buffering capacity, self organization, and adaptability**. Practical examples of what these mean are provided in Table 1. Many of these examples are happening to some degree in the Pacific Islands. However to build resilience as an effective response to climate change a “designing resilience” approach is needed:

“A “designing resilience” approach is based on systems analysis, which encourages a comprehensive, cross-disciplinary and holistic approach. This is different than sectoral analysis – looking at food, water or energy in isolation – which can overlook the root causes and links between problems as well as sustainable solutions. Designing resilience is a ‘joining the dots’ integrated approach that avoids the problems of looking at systems in a piecemeal, fragmented way.” Source: Jones et al., 2011²

Table 1: Practical examples of what climate resilience means

Resilience characteristics	Some key elements	Practical examples
Buffering capacity Ability to withstand and recover from shocks	<ul style="list-style-type: none"> – Understanding natural cycles and preparedness for unpredictable events – Diversity and flexibility – Stewardship 	<ul style="list-style-type: none"> – Healthy communities. – Watershed management. – Emphasis on soft options for coastal protection and management. – Mulching to build soil carbon and hold soil moisture. – Diverse tree and vegetable crops. – Diverse water storage options.
Self organisation Reduced dependence on external inputs; self-reliance in times of crisis	<ul style="list-style-type: none"> – Limited dependence on external institutional support – Local support networks – Decreased dependence on external inputs 	<ul style="list-style-type: none"> – Increased self reliance with locally grown food and decreased dependence on imported food.
Adaptability Ability to change as circumstances change	<ul style="list-style-type: none"> – Learning mechanisms – Feedback mechanisms 	<ul style="list-style-type: none"> – Encouragement of communities to reconsider re-evaluate and their options over time.

²

Jones, A, Pimbert, M and Jiggins, J, 2011. *Virtuous Circles: Values, Systems, Sustainability*. IIED and IUCN CEESP, London

ANNEX V

PACC Co-Financing - from 2008 ProDoc Table 10

Countries	Co-financing programmes and projects descriptions	Amount USD	
Nauru	Planned annual government expenditures as per 2006 budget	168,000	
	JICA funded water tanks for communities project	77,000	
	MOU with Australia on water catchment & storage and repairs	1,150,000	
	Australia COMPACT for groundwater prospection and monitoring	307,000	
	FAO regional food security programme with a package on water storage	136,000	
	office space (in-kind)	62,000	
	Subtotal		1,900,000
Niue	Construction of water reservoir under Cyclone Recovery Project	46,000	
	office space (in-kind)	55,799	
	DSAP Project / EU funded		
	Subtotal		101,799
Solomons	MAL / Rice Development project / Taiwan funding		
	FAO Technical Cooperation Project		
	FAO regional food security		
	Ministry of Agriculture budget estimate based on 2006 figures		
	office space (in-kind)	4,800,000	
	Subtotal		4,800,000
Cook Islands	ADB Cyclone Emergency Loan Project	2,650,000	
	Office space (in-kind)	50,000	
	Subtotal		2,700,000
Tonga	AusAID funding for adaptation for Tonga TBC	1,500,000	
	Groundwater monitoring / Geology Department operational budget		
	Canada and Japan funded water tanks for community		
	Rainwater harvesting / Tonga Trust Operational Budget		
	Office space (in-kind)		
	Subtotal		1,500,000
FSM	Compact Funds (on-going exp)	2,805,480	
	Compact Funds (planned exp)		
	Japanese Grant for Road construction Tafunsak-Walung	4,000,000	
	office space (in-kind)	94,520	
	Subtotal		6,900,000
Samoa	World bank IAM I and II	1,700,000	
	CERP / Coastal resilience recovery	500,000	
	office space (in-kind)	300,000	
	Subtotal		2,500,000
Vanuatu	US Millennium Challenge Account / transport infrastructure/ Epi (roading)	2,900,000	
	office space (in-kind)		
	Subtotal		2,900,000
Fiji	GoF Expenditures based on 2007 estimates Drainage and Irrigation	2,866,667	
	GoF Expenditures based on 2008 estimates land Drainage and Flood protection	2,866,667	
	GoF Expenditures based on 2009 estimates Drainage and Irrigation	2,866,666	
	Subtotal		8,600,000
Tuvalu	AUSAID Adaptation to Climate Change project	923,076	
	Government of Tuvalu / Water Tank	449,924	
	Office space (in-kind)	115,386	
	Subtotal		1,488,386
PNG	National Department of Agriculture and Livestock	1,000,000	

PACC MTR 2012 Report ANNEXES

	Donor funded (FAO & EU)	1,000,000	
	Central Provisional Administration	500,000	
	DEC Water Resources Division	500,000	
	Subtotal		3,000,000
Palau	Salaries of Technical Experts from partner organisations	1,010,000	
	Costs of base data and technical inputs to be provided to PACC	592,000	
	Subtotal		1,602,000
RMI	Airport Runway works	4,000,000	
	Salaries of Technical Experts from partner organisations	2,300,000	
	Subtotal		6,300,000
UNDP	time of finance staff and management (in-kind)	50,000	
	office space (in-kind)	50,000	
	Subtotal		100,000
SPREP	time of finance staff and management (in-kind)	50,000	
	office space (in-kind)	50,000	
	Subtotal		100,000
Total Co-financing		44,492,185	44,492,185

Technical Note

Cost Benefit Analysis as a Suitable Approach for Climate Adaptation Decision Making

The PACC project has used CBAs in some of the water countries to try and guide, or more commonly support, decisions made on pilot project demonstration subjects. CBAs have been undertaken in Niue, Tuvalu, and the Marshall Islands. No CBAs have been undertaken in Nauru, Tonga, or Tokelau. This advisory note considers (from a water perspective) the appropriateness of using CBAs generally in climate adaptation work, and also specifically considers some of the concerns with the 3 water CBAs completed.

Introduction

CBAs are used to assess the efficiency of projects, the 'bang for the buck'. For water projects they are routinely used to attempt to place a production and delivery cost on the provision of potable water per unit, typically USD per m³. Such an approach requires both a realistic assessment of capital and operating costs of the water supply infrastructure as well as the expected reliable yield of the infrastructure.

Concern 1: Water Supply Reliability with respect to Water Availability

It is at this first and most fundamental hurdle that the assumptions in the CBAs fail the test of appropriateness. CBAs do not consider or evaluate the reliability of the water supply infrastructure. CBAs assume the water supply is yielding the water at the reported rate.

In developing climate adaptation capacity, water management needs to consider first and foremost water availability. This is especially the case where water storage is very restricted as it is for rainwater harvesting. It is less the case for groundwater where storage is much greater, but the vulnerability of the groundwater resource to extended dry periods does need to be assessed, as its drought yield may not be as great as in normal or average annual conditions.

By way of illustration, it is obvious that a larger rainwater harvesting tank will hold more water, and equally obvious that a larger rainwater tank will be more expensive. If the CBA assumes annual rainfall is captured by both tanks because it is equal to annual household water demand then the smaller tank option appears to be more cost effective. Use of annual rainfall figures in CBAs is routine. But rainfall does not fall uniformly, and as such the smaller water tank will become full and overflow before the larger tank does. When a dry period commences there will therefore be water in the larger tank and therefore this provides greater buffering or resilience to climate change.

There is therefore an increase in cost associated with the greater drought resilience provided by the larger tank. This logic extends to the use of groundwater instead of, or as well as rainwater (such as the PACC Tonga project). The groundwater provides the drought resilience that rainwater tanks could not hope to provide unless the individual tanks could hold an entire year of rainwater (and individually be the size of a small house), which would also be unhygienic. The groundwater option may be more expensive (Tonga has not undertaken a CBA) but it increases the drought resilience.

The point being made here is that increasing the reliability of the water supply system, as determined by the water available to the water supply system in dry periods, costs more financially. CBAs view this additional cost as a reduction in efficiency because the CBA does not usually recognise the water availability issues.

Concern 2: Water Supply Reliability with respect to Infrastructure Maintenance

CBAs also do not recognise the other aspects that determine the reliability of the water supply system, including the availability of adequately trained personnel, availability of spare parts, and availability of sufficient finances to operate, maintain and re-invest in the water supply system, in part because the skill base is not easily convertible into a monetary value. As such CBAs have limited use in guiding decision making towards more reliable water supply systems.

Concern 3: Focus on Efficiency and Not Effectiveness

This concern is in part illustrated by the rainwater example, where a CBA might identify the smaller rainwater tank as more efficient, yet the larger tank is clearly more effective.

The Marshalls CBA is also a good example of this. The CBA calculates the Evaporation Covers to have a B:C value 4 times greater than the airport runway upgrade, but the runway upgrade will yield typically 4 times more water. The cover may well be more financially efficient but it is considerably less effective at increasing the water available. The CBA directs an apparent informed decision away from the most effective solution.

The Niue CBA also appears to be an example of this whereby the smaller rainwater tank has a greater B:C than the larger tank. However in the case of Niue, the tanks are intended to provide supply during reticulated water supply system outage for up to 4-5 days, so the concern over water availability does not apply to this back-up supply that is expected to be filled but not otherwise used, during the year.

Concern 4: Incorrect Technical Assumptions

Water supply systems can be complex, especially when being operated or when failing to operate outside of their intended design parameters. Similarly water resources may not be available or of appropriate quality in extreme climatic conditions. In order for CBAs to be accurate they need to reflect a robust technical understanding of the entire water resource, water supply and water governance arrangements.

The Niue CBA is for the most part an example of good technical input in that it correctly identifies that lower elevation houses can still be supplied by gravity from the village scheme reservoirs during a power outage by gravity flow alone. However the CBA fails to evaluate whether there is likely to be sufficient water in the village reservoir tanks throughout the cyclone related outage to supply the villages. Clearly if there is not, then the CBA will have incorrectly identified the lower elevation houses as resilient.

Concern 5: Exclusion of Ancillary Benefits

The final concern with the CBA approach is that the benefits of the intervention may not be fully evaluated because they extend beyond the project objective. This additional value may only be apparent to the beneficiary community and not always obvious to the project officers undertaking the CBA process.

The Tuvalu CBA is a good example of this. The CBA identifies a higher B:C ratio for additional individual rainwater harvesting tanks on households than it does for the communal cistern. If the CBA finding was followed then logically household tanks would be built. However the report correctly identifies the cistern reclaims presently unusable land, whereas household tanks would occupy land in household plots. The community has already advised it intends to use the communal cistern as the foundation for a village hall. In a country where available useable land is scarce, this ancillary value is not insignificant. In arriving at this conclusion without quantifying the added land value to the community, the report has demonstrated the inappropriateness of the CBA.

Conclusion

This technical note is not suggesting that CBAs cannot be a useful tool per se, but they do not provide a robust decision-making tool for extreme event water supply decision making, when comparing different water supply options. Indeed they have a tendency to misinform climate adaptation projects as they focus on intervention efficiency and not effectiveness and hence fail to take account of the need to overcome reliability constraints so critical to ensuring sustainable drought water management.

CBA is however useful as an advocacy tool to highlight the typical full production and delivery costs for off-the-shelf alternative options, such as imported bottled water (as much as USD 1000/m³), locally produced bottled water (USD 200-400/m³) and for tanker delivered desalinated water (USD 20-30/m³). This is helpful in getting governments and communities to take drought resilience seriously.

Clive Carpenter, PACC MTR
15 Nov 2012

PACC MTR Reference Lists

PACC MTE Reference List - PACC Regional & Project General

YEAR		TITLE
2006	PACC Project	Guidance to Countries for In-Country Consultation
2008	PACC Project	PACC Log Frame Analysis
2008	PACC Project	PACC Project Document PIMS 2162
2008	PACC Project	PACC Work Plan Development Presentation
2009	PACC Project	PACC Annual Report
2009	PACC Project	PACC Development & Livelihood Resilience Building Guide
2009	PACC Project	PACC Guidelines Draft Outline
2009	PACC Project	PACC Inception Phase Report
2009	PACC Project	PACC Inception Workshop Summary
2009	PACC Project	PACC Log Frame Analysis
2009	PACC Project	PACC NEA Capacity Assessment
2009	PACC Project	PACC PEG Report
2009	PACC Project	PACC Regional & Country Expenditure by Outcomes
2009	PACC Project	PACC Regional Log Frame
2009	PACC Project	PACC Signed MoU with Cook Islands
2009	PACC Project	PACC Signed MoU with Fiji
2009	PACC Project	PACC Signed MoU with FSM
2009	PACC Project	PACC Signed MoU with Nauru
2009	PACC Project	PACC Signed MoU with Niue
2009	PACC Project	PACC Signed MoU with Palau
2009	PACC Project	PACC Signed MoU with RMI
2009	PACC Project	PACC Signed MoU with Samoa
2009	PACC Project	PACC Signed MoU with Solomon Islands
2009	PACC Project	PACC Signed MoU with Tonga
2009	PACC Project	PACC Signed MoU with Tuvalu
2009	PACC Project	PACC Signed MoU with Vanuatu
2009	PACC Project	PACC Total Expenditure vs AWP by Outcomes
2010	PACC Project	Adapting to CC
2010	PACC Project	APIR
2010	PACC Project	King Mainstreaming CC Guidance Manual
2010	PACC Project	King Mainstreaming CC into National Development Planning
2010	PACC Project	PACC Annexes Sample Comms
2010	PACC Project	PACC Annual Report
2010	PACC Project	PACC Audit Closing Report Draft
2010	PACC Project	PACC Budget Revision
2010	PACC Project	PACC CBA Workshop Duty Travel Report
2010	PACC Project	PACC CCSDP Programme Document
2010	PACC Project	PACC CEA
2010	PACC Project	PACC CEA Notes
2010	PACC Project	PACC CEA Presentation
2010	PACC Project	PACC Collaboration with PASAP on Mainstreaming
2010	PACC Project	PACC Comments on Mainstreaming Guide
2010	PACC Project	PACC Communication Action Plan
2010	PACC Project	PACC Communication Strategy
2010	PACC Project	PACC Community Based Resilience Framework
2010	PACC Project	PACC Context for Different Areas
2010	PACC Project	PACC Country Presentations Template
2010	PACC Project	PACC Final Audit Report
2010	PACC Project	PACC Food Security Toolkit
2010	PACC Project	PACC Guidance for Pilot Project Implementation
2010	PACC Project	PACC Identifying Terms Game
2010	PACC Project	PACC Inception Lessons fm other GEF Projects
2010	PACC Project	PACC Indicator Areas for Coastal, Food Security, & Water Sectors
2010	PACC Project	PACC Intro Monitoring & Evaluation Presentation
2010	PACC Project	PACC List of Participants

2010	PACC Project	PACC Mainstreaming CC Peter King
2010	PACC Project	PACC Mainstreaming CC Training Manual
2010	PACC Project	PACC Mainstreaming Guide & Training Manual Comments
2010	PACC Project	PACC Mainstreaming Guide Table of Contents
2010	PACC Project	PACC Measuring V&A Capacity Presentation
2010	PACC Project	PACC Milestones & Progress
2010	PACC Project	PACC Milestones 2009 to 2013
2010	PACC Project	PACC MPR Day 2 Financial Presentation
2010	PACC Project	PACC MPR Day 2 Introductory Presentation
2010	PACC Project	PACC MPR Directors Statement
2010	PACC Project	PACC MPR Financial Document
2010	PACC Project	PACC MPR Graphs & Notes
2010	PACC Project	PACC MPR Issues & Proposed Solutions
2010	PACC Project	PACC MPR Meeting Agenda
2010	PACC Project	PACC MPR Meeting Circular
2010	PACC Project	PACC MPR Meeting Reporting Template
2010	PACC Project	PACC MPR Opening Statement
2010	PACC Project	PACC MPR Project Management Issues
2010	PACC Project	PACC MPR Report
2010	PACC Project	PACC MPR Summary Record
2010	PACC Project	PACC Multi Year Annual Work Plan Development
2010	PACC Project	PACC Multi Year Work Plan Template
2010	PACC Project	PACC MYWP & Activities Schedule Document
2010	PACC Project	PACC MYWP Activities Based on Outcomes & Outputs
2010	PACC Project	PACC MYWP Comments GV
2010	PACC Project	PACC Outcome One Update
2010	PACC Project	PACC Physical Asset Inventory Count Sheet Moira
2010	PACC Project	PACC Physical Asset Inventory Count Sheet Vaipo
2010	PACC Project	PACC Progress of Support
2010	PACC Project	PACC Project Implementation Guide
2010	PACC Project	PACC Project Mainstreaming
2010	PACC Project	PACC Project Strategy
2010	PACC Project	PACC Regional Log Frame Analysis
2010	PACC Project	PACC Regional Workshop Meeting Report
2010	PACC Project	PACC Reporting for the MPR
2010	PACC Project	PACC SEA Glossary
2010	PACC Project	PACC SEA Guidelines Draft
2010	PACC Project	PACC SEA Integration Into V&A Process
2010	PACC Project	PACC SEA Module 1 Introduction
2010	PACC Project	PACC SEA Module 1 Presentation
2010	PACC Project	PACC SEA Module 2 Climate Context
2010	PACC Project	PACC SEA Module 2 Presentation
2010	PACC Project	PACC SEA Module 3 Phases
2010	PACC Project	PACC SEA Module 3 Presentation
2010	PACC Project	PACC SEA Module 4 Integration
2010	PACC Project	PACC SEA Module 4 Presentation
2010	PACC Project	PACC SEA Training Agenda
2010	PACC Project	PACC SEA Training Evaluation Form
2010	PACC Project	PACC SEA Training Workshop Introduction Presentation
2010	PACC Project	PACC Signed MoU with PNG
2010	PACC Project	PACC Socio Economic Training Schedule
2010	PACC Project	PACC Statement of Assets & Equipment
2010	PACC Project	PACC Stocktaking & Capacity Development Presentation
2010	PACC Project	PACC Summary of Cost Benefit Work
2010	PACC Project	PACC Summary of Reporting
2010	PACC Project	PACC Supins Inputs
2010	PACC Project	PACC Tool Box
2010	PACC Project	PACC Toolkit for V&A
2010	PACC Project	PACC ToR Mainstreaming Guide & Training Module Development
2010	PACC Project	PACC Workshop Program
2010	PACC Project	Urgent Next Steps
2011	PACC Project	Discussion Notes on Selection Panel for MTE Consultants

2011	PACC Project	PAC CC Sector Script ARD Version
2011	PACC Project	PACC Aaron Buncle 6 Monthly Report
2011	PACC Project	PACC Actual Budgets
2011	PACC Project	PACC Annex 1 Outputs to Date
2011	PACC Project	PACC Annex 1 PM Contribution
2011	PACC Project	PACC Annex 1 Update of Country Status
2011	PACC Project	PACC Annual Report
2011	PACC Project	PACC Annual Report
2011	PACC Project	PACC APR Financial Presentation
2011	PACC Project	PACC APR Introductory Presentation
2011	PACC Project	PACC Audit Report
2011	PACC Project	PACC Audit Report Tables
2011	PACC Project	PACC Audit Reporting Tables
2011	PACC Project	PACC AusAID Contributes Story
2011	PACC Project	PACC AWP vs Expenditure
2011	PACC Project	PACC CC Guidelines
2011	PACC Project	PACC CC Sector Introduction Version
2011	PACC Project	PACC CC Sector Script EDU Version
2011	PACC Project	PACC CC Sector Script ENE Version
2011	PACC Project	PACC CC Sector Script ESB Version
2011	PACC Project	PACC CC Sector Script HEA Version
2011	PACC Project	PACC CC Sector Script INF Version
2011	PACC Project	PACC CC Sector Script T&I Version
2011	PACC Project	PACC CC Sector Script WAS Version
2011	PACC Project	PACC CC Sector Script WAT Version
2011	PACC Project	PACC CDR Notes
2011	PACC Project	PACC Concept Note
2011	PACC Project	PACC Consolidated Budget Version
2011	PACC Project	PACC Countries & Policies
2011	PACC Project	PACC Country Mainstreaming Survey Summary
2011	PACC Project	PACC Disbursement of Funds to Countries
2011	PACC Project	PACC Expenditure to Date June
2011	PACC Project	PACC Final Audit Report
2011	PACC Project	PACC GEF SGP CBA Programme Budget
2011	PACC Project	PACC Gender Assessment ToR
2011	PACC Project	PACC Gender Case Study
2011	PACC Project	PACC Gender PNG Workshop Agenda
2011	PACC Project	PACC Inception Meeting Report
2011	PACC Project	PACC Logical Framework
2011	PACC Project	PACC M&E Template
2011	PACC Project	PACC Mainstreaming DRR & CCA
2011	PACC Project	PACC Management Comments on Audit
2011	PACC Project	PACC Meeting Summary & Overview
2011	PACC Project	PACC Module 1 CBA Framework
2011	PACC Project	PACC Module 1 CBA Framework Exercises
2011	PACC Project	PACC Module 1 CBA Framework Introduction
2011	PACC Project	PACC Module 1 CBA Framework Introduction Exercises
2011	PACC Project	PACC Module 1 Handout
2011	PACC Project	PACC Module 1 Pacific
2011	PACC Project	PACC Module 2 Handout
2011	PACC Project	PACC Module 2 Pacific
2011	PACC Project	PACC Module 2 Part A Answers
2011	PACC Project	PACC Module 2 Part A Reading Excerpt
2011	PACC Project	PACC Module 2 Part B Reading Excerpt
2011	PACC Project	PACC Module 2 Practice of CBA Framework
2011	PACC Project	PACC Module 3 Handout
2011	PACC Project	PACC Module 3 Pacific
2011	PACC Project	PACC Module 4 Handout
2011	PACC Project	PACC Module 4 Pacific
2011	PACC Project	PACC Module 5 Handout
2011	PACC Project	PACC Module 5 Pacific
2011	PACC Project	PACC Module 6 Handout

2011	PACC Project	PACC Module 6 Pacific
2011	PACC Project	PACC Module 7 Handout
2011	PACC Project	PACC Module 7 Pacific
2011	PACC Project	PACC Module 8 Handout
2011	PACC Project	PACC Module 8 Pacific
2011	PACC Project	PACC Module 9 Pacific
2011	PACC Project	PACC Module Reference
2011	PACC Project	PACC MPR Agenda Final
2011	PACC Project	PACC MPR Annual Report Presentation
2011	PACC Project	PACC MPR Fringe Activities
2011	PACC Project	PACC MPR Media Work
2011	PACC Project	PACC MPR Meeting Objectives
2011	PACC Project	PACC MPR PM Presentation
2011	PACC Project	PACC MPR Review Report
2011	PACC Project	PACC MPR Summary Report
2011	PACC Project	PACC National Outputs
2011	PACC Project	PACC Practical Manual CC & DR Mainstreaming at Strategic Level
2011	PACC Project	PACC Project Brief
2011	PACC Project	PACC Project Performance Matrix
2011	PACC Project	PACC Project Presentation
2011	PACC Project	PACC Review of Economic & Livelihood Impact
2011	PACC Project	PACC SEA Training
2011	PACC Project	PACC Signed MoU with Tokelau
2011	PACC Project	PACC Site Visits & Meetings
2011	PACC Project	PACC Statement of Assets & Equipment
2011	PACC Project	PACC Stocktake Documents
2011	PACC Project	PACC ToR CCA Tools Resettlement
2011	PACC Project	PACC ToR Mainstreaming Guideline Review
2011	PACC Project	PACC ToR Mid Term Review
2011	PACC Project	PACC Total Allocation vs Actual Expenditure
2011	PACC Project	PACC Total Allocation vs Expenditure by Countries & Regional
2011	PACC Project	PACC Total Allocation vs Expenditure Table
2011	PACC Project	PACC Total Allocation vs Reported Expenditure June
2011	PACC Project	PACC UNDP Programme Review Project Presentation
2011	PACC Project	PACC USAID Ecosystems Based Adaptation Examples
2011	PACC Project	PACC USAID PIF Climate Adaptation Partnerships Press Release
2011	PACC Project	PACC USAID SPREP Partnership
2011	PACC Project	PACC USAID Statement of Work
2011	PACC Project	PACC USAID Support
2011	PACC Project	PACC+ Activities
2011	PACC Project	PACC+ AusAID Signed James Gilling
2011	PACC Project	PACC+ Budget AWP Revision
2011	PACC Project	PACC+ Cost Sharing Agreement
2011	PACC Project	PACC+ Paper
2011	PACC Project	PACC+ Partnership Programme Design Document
2011	PACC Project	PACC+ Peer Review Agenda
2011	PACC Project	PACC+ Programmable Budget
2011	PACC Project	PACC+ Programme Allocation
2011	PACC Project	PACC+ Progress & Strategic Partnerships
2011	PACC Project	PACC+ USD Budget
2011	PACC Project	SPREP Project Support Services
2012	PACC Project	Adaptation Monitoring & Assessment Tool
2012	PACC Project	Letter Consolidated Response on UNDP Communications
2012	PACC Project	Letter Outcomes of Lunch Meeting
2012	PACC Project	Letter PACC Minutes of UNDP SPREP Meeting
2012	PACC Project	Letter PACC Technical Evaluation
2012	PACC Project	Letter Progress on AusAID PACC+ Implementation
2012	PACC Project	PACC Action Plan Water Sector
2012	PACC Project	PACC Activities Between SPREP & AusAID
2012	PACC Project	PACC Adaptation Measures
2012	PACC Project	PACC Advance Request Response Letter
2012	PACC Project	PACC Analysis of Stakeholder Participation

2012	PACC Project	PACC Annual Report
2012	PACC Project	PACC Asset Register
2012	PACC Project	PACC Auditor Concerns Responded Peniamina Leavai
2012	PACC Project	PACC AWP Summary of Activities
2012	PACC Project	PACC Board Meeting Agenda
2012	PACC Project	PACC Budget & Expenditure 2009 - 2013
2012	PACC Project	PACC CBA Training Model
2012	PACC Project	PACC CBA Work Program Interim Report
2012	PACC Project	PACC CBA Workshop Provisional Draft Agenda
2012	PACC Project	PACC CC Division Monthly Calendar
2012	PACC Project	PACC Climate Change Impact
2012	PACC Project	PACC Coastal Management Proposal
2012	PACC Project	PACC Cofinancing Update Table
2012	PACC Project	PACC Communications Action Plan
2012	PACC Project	PACC Communications Evaluation Report
2012	PACC Project	PACC Communications Presentation
2012	PACC Project	PACC Communications Strategy
2012	PACC Project	PACC Communications Summary
2012	PACC Project	PACC Communications Update Report September
2012	PACC Project	PACC Component 3 Output Summary
2012	PACC Project	PACC Cost Benefit Analysis Training
2012	PACC Project	PACC Country Financial Report
2012	PACC Project	PACC Country Institutional Arrangements
2012	PACC Project	PACC Country Report Form
2012	PACC Project	PACC Country Status Audit Purpose
2012	PACC Project	PACC Country Steering Committee Members
2012	PACC Project	PACC Country Tech Support Matrix
2012	PACC Project	PACC Cumulative & Proposed Expenditure 2012 - 2014
2012	PACC Project	PACC Database for Technical Documents
2012	PACC Project	PACC Economic Analysis Agriculture Draft Proposal
2012	PACC Project	PACC Economic Analysis Water Proposal
2012	PACC Project	PACC Economics Training
2012	PACC Project	PACC Engendering Policy
2012	PACC Project	PACC Evaluation Panel MTE Criteria
2012	PACC Project	PACC Excel Tables
2012	PACC Project	PACC FF Review Procedure
2012	PACC Project	PACC Food Security Presentation
2012	PACC Project	PACC Food Security Sector Handouts
2012	PACC Project	PACC GEF Field Visit to Fiji
2012	PACC Project	PACC Gender & CC Training
2012	PACC Project	PACC Gender & Water Sector
2012	PACC Project	PACC Gender Assessment Brigitte Leduc
2012	PACC Project	PACC Gender Assessment Phases
2012	PACC Project	PACC Gender Assessment Request for Tender
2012	PACC Project	PACC Gender Equality Training Presentation
2012	PACC Project	PACC Gender Key Messages
2012	PACC Project	PACC Gender Mainstreaming & CC
2012	PACC Project	PACC Gender Sensitive Indicators
2012	PACC Project	PACC Gender Training Agenda
2012	PACC Project	PACC Guideline to Access PACC Publications from SPREP
2012	PACC Project	PACC Log Frame Aaron Buncle
2012	PACC Project	PACC Logical Framework
2012	PACC Project	PACC M&E Plan
2012	PACC Project	PACC Mainstreaming CC Presentation
2012	PACC Project	PACC Mainstreaming Outputs & Progress
2012	PACC Project	PACC Mainstreaming Outputs & Status
2012	PACC Project	PACC MPR Agenda
2012	PACC Project	PACC MPR Agenda Thursday & Friday
2012	PACC Project	PACC MPR Agenda Wednesday
2012	PACC Project	PACC MPR Annual Report
2012	PACC Project	PACC MPR Background Information
2012	PACC Project	PACC MPR CBA Work Program Presentation

2012	PACC Project	PACC MPR Circular
2012	PACC Project	PACC MPR Country Presentation Template
2012	PACC Project	PACC MPR Country Report Template
2012	PACC Project	PACC MPR Day 2 Notes
2012	PACC Project	PACC MPR Duty Travel Report
2012	PACC Project	PACC MPR Financial Report
2012	PACC Project	PACC MPR Follow Up Actions
2012	PACC Project	PACC MPR Follow Up Discussions
2012	PACC Project	PACC MPR Follow Up Technical Actions
2012	PACC Project	PACC MPR Issues & Recommendations
2012	PACC Project	PACC MPR Ministers Speech
2012	PACC Project	PACC MPR Recommendations from 2011
2012	PACC Project	PACC MPR Story
2012	PACC Project	PACC MPR Summary Record
2012	PACC Project	PACC MPR Understanding CC Concepts
2012	PACC Project	PACC Narrative Reporting Template
2012	PACC Project	PACC Operations & Administrative Document
2012	PACC Project	PACC Operations & Administrative Procedures
2012	PACC Project	PACC Outline of Guide
2012	PACC Project	PACC Outstanding Queries
2012	PACC Project	PACC Pilot Community Details
2012	PACC Project	PACC Planning & Reporting Presentation
2012	PACC Project	PACC PM Presentation to MTE Team
2012	PACC Project	PACC Policy Mainstreaming Outputs
2012	PACC Project	PACC Preparations for 2012 Audits
2012	PACC Project	PACC PREPP Exercise
2012	PACC Project	PACC Progress Landscape Matrix
2012	PACC Project	PACC Progress May
2012	PACC Project	PACC Project Brief Notes
2012	PACC Project	PACC Project Community Sites
2012	PACC Project	PACC Project Time Frame for Quarterly Reporting
2012	PACC Project	PACC Questionnaire to Coordinators
2012	PACC Project	PACC Rapid Assessment Guideline
2012	PACC Project	PACC Regional Backstopping Final Draft
2012	PACC Project	PACC Regional CC & Media Training
2012	PACC Project	PACC Regional MYWP
2012	PACC Project	PACC Reported Expenditure to UNDP
2012	PACC Project	PACC Results Based Monitoring
2012	PACC Project	PACC Results Based Monitoring Sarah Whitfield Comments
2012	PACC Project	PACC Scaling Up in Countries
2012	PACC Project	PACC Snapshot 18
2012	PACC Project	PACC Soft & Hard Adaptation Options
2012	PACC Project	PACC Success Story Guide
2012	PACC Project	PACC Supplementary Notes
2012	PACC Project	PACC Technical Reports
2012	PACC Project	PACC Time Slip Template
2012	PACC Project	PACC ToR CAG Officer
2012	PACC Project	PACC Total Budget Revision
2012	PACC Project	PACC Total Budget Revision & Projections
2012	PACC Project	PACC Tracking Sheet MTE
2012	PACC Project	PACC+ MYWP Budget

NOT Specific to PACC

2002	UNFCCC	Annotated Guidelines for NAPA
2004	CPHS	Cost Effective Analysis
2004	Precis	PRECIS Handbook
2004	United Nations	ToR Gender Theme Groups Sierra Leone
2005	Richard J.T. Klein et. al	Portfolio Screening for Mainstreaming Adaptation to CC
2006	IGCI	Economic Assessment of Pilots
2006	Smit & Wandel	Adaptation, Adaptive Capacity & Vulnerability
2008	-	Economics of Adaptation Pre Read Document
2008	Circe	Integrated Project Circe

2008	Council of Europe	CC Building Adaptive Capacity of Local & Regional Authority
2008	GFDRR	Global Facility for Disaster Reduction & Recovery
2008	ODI	CC Getting Adaptation Right
2008	SOPAC	Benefit Cost Analysis Paper
2009	-	V&A Guide
2009	EDP	Mainstreaming Environment & CC
2009	FAO	CC & Food Security in Pacific
2009	IUCN & PIGGAREP	Mid Term Review Agenda Draft
2009	SEI	SEI SPREP Activities
2009	SOPAC	Guide to Developing NAPs
		First Meeting of Regional Steering Committee & Inception Workshop
2009	SOPAC/GEF/IWRM	
2009	Tiempo	Tiempo Vulnerability in Samoa
2009	UNDP	UNDP Handbook on Planning Monitoring & Evaluating
2009	UNDP	UNDP Letter PACC Project PIMS 2162
2009	UNDP	Specimen ToR for Audits of NGO & NIM Projects
2009	UNEP	GEO Resource Book
2009	World Bank	International Workshop on CC Mainstreaming
2010	CCSDP	CCSDP
2010	Katharine Vincent et al	Gender & CBA Paper
2010	OAI	OAI Review of NIM Audit Report for UNDP
2010	SOPAC	PACC SOPAC MPR Statement
2010	UNDP	UNDP Framework for Environmental Mainstreaming
2010	UNDP	UNDP ToR Consultancy Economic Assessment
2010	UNDP	UNDP Stocktaking Report
2010	UNDP	Monitoring & Reporting in UNDP/GEF Projects
2010	UNDP	HACT Assessment for SPREP Draft Report
2010	UNDP	UNDP Programme Review Meeting Agenda
2010	UNDP	Letter UNDP NEX Audit Requirements
2010	UNDP	UNDP EF Business Plan Results Framework
2010	UNDP	UNDP ToR Socio Economic Analyst
2010	UNFCCC	Potential Costs of Adaptation Options
2010	UNFCCC	Synthesis Report on Efforts Undertaken
2010	UNFCCC	UNFCCC Technical Workshop Agenda Spain
2011	DERM	DERM CBA Method
2011	IWRM	IWRM Development & Implementation of Mechanisms
2011	PCRAFI	Pacific Disaster Risk Assessment Progress Brief
2011	SOPAC/GEF/IWRM	Sharing of National IWRM Outcomes
2011	SOPAC/GEF/IWRM	Lessons Learned from Inception Phase of IWRM Project
2011	SOPAC/GEF/IWRM	Draft Rules for Reallocation Pool
2011	SOPAC/GEF/IWRM	Defining Replication Scaling Up & Mainstreaming
2011	SOPAC/GEF/IWRM	Implementation of National & Regional IWRM Communications
2011	SOPAC/GEF/IWRM	Replication & Up Scaling Toolkit for IWRM
2011	SPREP PCCR	SPREP Program for PCCR
2011	SPREP PCCR	PACC RPMU PCCR Niue Presentation
2011	UNDP	Economics of Adaptation Support
2011	UNDP	Signed Combined Delivery Report With Encumbrance
2011	UNDP	UNDP Outcome Level Evaluation Guide
2011	UNFCCC	UNFCCC Adaptation Assessments
2012	AusAID	Australia's Comprehensive Aid Policy Framework
2012	NIM	NIM Audit Report Checklist
2012	SOPAC	Water & Sanitation Programme
2012	SOPAC	Proposed Concepts for PACCSAP Phase 2
2012	SOPAC	Simple Introduction to CBA
2012	UNDP	UNDP Updated Travel
2012	UNDP	Resource Guide on Gender & CC
2012	UNDP	Letter Preparations for 2012 Audits
2012	UNDP	Results Based Project Management Mongolia
2012	USP	USP Survey Practices of CC Adaptation in Pacific

YEAR		TITLE
2007	PACC Cook Is	PACC Cook Exemption Letter
2007	PACC Cook Is	PACC Cook Mangaia Fees
2008	PACC Cook Is	PACC Cook Mangaia Harbour PID
2008	PACC Cook Is	PACC Mangaia Harbour Reconstruction Plans
2009	PACC Cook Is	PACC Cook Avarua Harbour
2009	PACC Cook Is	PACC Cook Coordinator Vaipo
2009	PACC Cook Is	PACC Cook Mangaia Visit Report
2010	PACC Cook Is	AWP
2010	PACC Cook Is	FF Q1
2010	PACC Cook Is	PACC Cook CC Team Meeting
2010	PACC Cook Is	PACC Cook Country Statement
2010	PACC Cook Is	PACC Cook Evaluation Criteria
2010	PACC Cook Is	PACC Cook Geospatial Framework SOPAC Proposal
2010	PACC Cook Is	PACC Cook Islands Second National Communication
2010	PACC Cook Is	PACC Cook Log Frame
2010	PACC Cook Is	PACC Cook MPR Country Statement
2010	PACC Cook Is	PACC Cook MPR Technical Presentation
2010	PACC Cook Is	PACC Cook Newspaper Clipping
2010	PACC Cook Is	PACC Cook Physical Asset Inventory
2010	PACC Cook Is	PACC Cook Policy Framework Definitions
2010	PACC Cook Is	PACC Cook Prioritization
2010	PACC Cook Is	PACC Cook Project Agenda
2010	PACC Cook Is	PACC Cook Project Meeting
2010	PACC Cook Is	PACC Cook SOPAC Meeting
2010	PACC Cook Is	PACC Cook ToR Geospatial Framework
2010	PACC Cook Is	PACC Cook Travel Report
2010	PACC Cook Is	PACC Mangaia Mapping Study Budget
2010	PACC Cook Is	QPR 1
2010	PACC Cook Is	QPR 3
2011	PACC Cook Is	FF Q2
2011	PACC Cook Is	FF Q3
2011	PACC Cook Is	FF Q4
2011	PACC Cook Is	ICE 3
2011	PACC Cook Is	MYWP
2011	PACC Cook Is	PACC Cook CC Expert Group Meeting
2011	PACC Cook Is	PACC Cook CC Poster
2011	PACC Cook Is	PACC Cook Coastal Calculator v17
2011	PACC Cook Is	PACC Cook Coastal Zone Management Presentation
2011	PACC Cook Is	PACC Cook Communication Action Plan Draft
2011	PACC Cook Is	PACC Cook Communication Plan
2011	PACC Cook Is	PACC Cook Essay Competition
2011	PACC Cook Is	PACC Cook Geospatial Framework
2011	PACC Cook Is	PACC Cook Geospatial Framework Calculator Monday
2011	PACC Cook Is	PACC Cook Geospatial Framework Data Collection
2011	PACC Cook Is	PACC Cook Geospatial Framework Introduction Monday
2011	PACC Cook Is	PACC Cook Geospatial Framework Modelling
2011	PACC Cook Is	PACC Cook Geospatial Framework PM Briefing
2011	PACC Cook Is	PACC Cook Geospatial Framework Result Program
2011	PACC Cook Is	PACC Cook Geospatial Framework Tuesday
2011	PACC Cook Is	PACC Cook Ledger April to June
2011	PACC Cook Is	PACC Cook Ledger July to September
2011	PACC Cook Is	PACC Cook Ledger October to December
2011	PACC Cook Is	PACC Cook Mangai Harbour Wharf
2011	PACC Cook Is	PACC Cook Mangaia Harbour
2011	PACC Cook Is	PACC Cook Mangaia Harbour Design Brief Report
2011	PACC Cook Is	PACC Cook Mangaia Interventions Matrix
2011	PACC Cook Is	PACC Cook Mangaia Travel Report
2011	PACC Cook Is	PACC Cook Monitoring Report
2011	PACC Cook Is	PACC Cook MPR Review Meeting
2011	PACC Cook Is	PACC Cook National DRM & CC Policy

2011	PACC Cook Is	PACC Cook Preliminary Work Schedule
2011	PACC Cook Is	PACC Cook RPMU Travel Report
2011	PACC Cook Is	PACC Cook SPC Invoice
2011	PACC Cook Is	PACC Cook ToR CC Documentary
2011	PACC Cook Is	PACC Cook Video
2011	PACC Cook Is	PACC Cook Wharf Site Plan
2011	PACC Cook Is	PACC Cook Workshop Minutes Scanned
2011	PACC Cook Is	PACC Gender Cook Is National GE Policy
2011	PACC Cook Is	PACC Mangaia Harbour PDD
2011	PACC Cook Is	QPR 2
2011	PACC Cook Is	QPR 4
2011	PACC Cook Is	QWP 3
2011	PACC Cook Is	Tracking Sheet Q4
2012	PACC Cook Is	AWP
2012	PACC Cook Is	FF Q1
2012	PACC Cook Is	FF Q2
2012	PACC Cook Is	FF Q3
2012	PACC Cook Is	Narrative Report Q1
2012	PACC Cook Is	PACC Cook CBA Excel
2012	PACC Cook Is	PACC Cook CBA Training Workshop Presentation
2012	PACC Cook Is	PACC Cook CBA Workplan
2012	PACC Cook Is	PACC Cook Client Report
2012	PACC Cook Is	PACC Cook Client Report Template
2012	PACC Cook Is	PACC Cook Coastal Calculator v23
2012	PACC Cook Is	PACC Cook Environmental Significance Declaration
2012	PACC Cook Is	PACC Cook FF SOPAC Payment
2012	PACC Cook Is	PACC Cook Full Summary
2012	PACC Cook Is	PACC Cook Geospatial Assessment Summary Report
2012	PACC Cook Is	PACC Cook Geospatial Framework Letter
2012	PACC Cook Is	PACC Cook Implementation Progress Presentation
2012	PACC Cook Is	PACC Cook Mangaia Coastal Policy
2012	PACC Cook Is	PACC Cook Mangaia Design Report
2012	PACC Cook Is	PACC Cook Mangaia Design Report Appendix
2012	PACC Cook Is	PACC Cook Pilot Community Details
2012	PACC Cook Is	PACC Cook Request for Tender Geospatial Framework
2012	PACC Cook Is	PACC JNAP
2012	PACC Cook Is	PACC Mangaia Crusher
2012	PACC Cook Is	Tracking Sheet Q1
2012	PACC Cook Is	Tracking Sheet Q2
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2000	Falkland	Cook Is Mangaia Water Investigations Report
2005		Cook Is Cyclone Meena Video
2006	GHD	Mangaia Harbour Upgrade Peer Review
2007		PACC IWRM Diagnostic Report
2007	ADB	Cook Islands Climate Risk Profile

PACC MTE Reference List - FEDERATED STATES OF MICRONESIA -

updated PH 15 September 2012

YEAR	TITLE	
2006	PACC FSM	PACC FSM In-Country Consultations Report
2007	PACC FSM	Activity Budget Plan
2007	PACC FSM	Hierarchical Structure
2007	PACC FSM	Outcome 2 plan
2007	PACC FSM	Outcome 3 plan
2007	PACC FSM	PACC FSM Co-financing pledge letter
2007	PACC FSM	PACC FSM Planning Workshop Report
2007	PACC FSM	PACC Kosrae project Log Frame
2007	PACC FSM	SPREP Intro to PACC for Kosrae
2007	PACC FSM	WHOSE? Climate Proofing Activities
2008	PACC FSM	Logical Framework Analysis Workshop
2009	PACC FSM	AWP

2009	PACC FSM	Kosrae Given Support At Highest Level
2009	PACC FSM	Kosrae Point from Engineer
2009	PACC FSM	PACC FSM AWP Kosrae Agenda
2009	PACC FSM	PACC FSM In-Country Operational Support Report
2009	PACC FSM	PACC FSM Steering Committee
2009	PACC FSM	PACC FSM ToR Steering Committee
2010	PACC FSM	AWP Clarifications
2010	PACC FSM	PACC FSM MoU Revised
2010	PACC FSM	PACC Proposal for Environmental Attorney Services
2010	PACC FSM	Request for Project Vehicle 1
2010	PACC FSM	Request for Project Vehicle 2
2011	PACC FSM	Expense Summary
2011	PACC FSM	FF All (2)
2011	PACC FSM	FF All(1)
2011	PACC FSM	FF Q2
2011	PACC FSM	FF Q3 (1)
2011	PACC FSM	FF Q3 (2)
2011	PACC FSM	ICE Q2
2011	PACC FSM	Kosrae State Law Passed to Climate-Proof Infrastructure
2011	PACC FSM	Letter of Collaboration with PCEP
2011	PACC FSM	Liaison SPC N Pacific Mission to Kosrae
2011	PACC FSM	NIWA Contract
2011	PACC FSM	NIWA Proposal for Climate Monitoring
2011	PACC FSM	PACC FSM National Communication Strategy
2011	PACC FSM	PACC FSM Recommendations Final Changes
2011	PACC FSM	PACC FSM Steering Committee Meeting
2011	PACC FSM	PACC Kosrae Steering Committee Members
2011	PACC FSM	Proposed Testimony for CC Bill
2011	PACC FSM	QPR 2
2011	PACC FSM	QPR 2 Narrative
2011	PACC FSM	QPR 3
2011	PACC FSM	QPR 3 Narrative
2011	PACC FSM	QWP 3
2011	PACC FSM	QWP 4
2011	PACC FSM	SPREP Equipments/Supplies Notification
2011	PACC FSM	Support for PACC Letter
2012	PACC FSM	Kosrae Property Damage Survey
2012	PACC FSM	NIWA Climate & Sea Level Monitoring Trip Report
2012	PACC FSM	PACC FSM CBA Presentation
2012	PACC FSM	SPREP Vehicle Usage Notification

NOT specific to PACC Project

2003	Kosrae	Active Use Districts Map
2003	Kosrae	Aerial View Map
2003	Kosrae	Areas of Particular Concern Map
2003	Kosrae	Elevation Contour Map
2003	Kosrae	Highly Erodible Soil Map
2003	Kosrae	Special Consideration Districts Map
2003	Kosrae	Vegetation Map
2005	ADB	Climate Proofing Report
		Climate Proofing: Risk based approach to adaptation FSM &
2006	ADB John Hay	Cook Islands Final Report
2007	SPREP	SPREP Pacific Islands Framework
2007	-	PIFACC Action Plan
2007	-	Workshop Participants List
2007	Kosrae	Aerial of Yela with Labels
2007	Leonard Nurse	Findings on IPCC 4th Assessment Report
2007	MSV	Many Strong Voices Presentation
2009	Siosua M. Halavatau	FSM Food Security Vulnerability to Climate Change Draft Report
2009	ADB	ADB CLIMAP Kosrae Road Case Study
2011	PIC	PIC Acceptance of Simpson Abraham
2011	SPREP	SPREP Letter of Assurance Tieser Reynold

2011	-	FSM Legislature Recommendations
2011	Karness Kusto	PIC Invitation to Simpson Abraham
2011	Kosrae Government	A Bill for Changes in CC Act Page 1
2011	Kosrae Government	A Bill for Changes in CC Act Page 2
2011	Kosrae Government	A Bill for Changes in CC Act Page 3
2011	Kosrae Government	A Bill for Changes in CC Act Page 4
2011	Kosrae Government	A Bill for Changes in CC Act Page 5
2012	ADB CLIMAP	Kosrae Road Climate Proofing Guidance Notes

PACC MTE Reference List - REPUBLIC OF MARSHALL ISLANDS

updated PH 12 September 2012

YEAR	TITLE
2007	PACC RMI RMI Endorsement letter
2008	PACC RMI Irrigation System Materials
2008	PACC RMI PACC Proposal for RMI Part I
2008	PACC RMI PACC Proposal for RMI Part II
2008	PACC RMI PACC RMI Adaptation Approach Presentation
2008	PACC RMI PACC RMI Log Frame
2008	PACC RMI PACC RMI Planning Workshop
2008	PACC RMI PACC RMI Summary Sheet
2008	PACC RMI PACC RMI Working Document Day 1
2008	PACC RMI PACC RMI Working Document Day 2
2008	PACC RMI SPREP Inter-Office Memo Vito
2009	PACC RMI Lessons Guidelines Note
2009	PACC RMI letter Marshall Iss re DeSal plants
2009	PACC RMI PACC RMI CC Education Project
2009	PACC RMI PACC RMI CC Education Project Contract
2009	PACC RMI PACC UNITAR RMI Memo
2009	PACC RMI RMI Project Proposal
2009	PACC RMI SPREP MoU for PACC
2010	PACC RMI General Payment History
2010	PACC RMI PACC RMI CC Road Map
2010	PACC RMI PACC RMI National CC Policy Framework Draft
2010	PACC RMI PACC RMI Project Developments & Comments
2010	PACC RMI PACC RMI ToR for International Consultants
2010	PACC RMI PACC RMI ToR for National Consultants
2010	PACC RMI Reservoir list of works
2010	PACC RMI RMI CC Policy & NAP Planning Process
2010	PACC RMI RPM Consultation Notes
2010	PACC RMI SEA-PACC Press Release Draft
2010	PACC RMI SPREP Formal Letter to RMI
2011	PACC RMI Account 2011-2012
2011	PACC RMI Account Q3
2011	PACC RMI Annual Report
2011	PACC RMI AWP Q2
2011	PACC RMI Bulk Flow Meters Tender Document
2011	PACC RMI Calculations of Water Loss
2011	PACC RMI Expenses Account
2011	PACC RMI Expenses report Q3
2011	PACC RMI FF Q1
2011	PACC RMI FF Q2
2011	PACC RMI FF Q2 Q3
2011	PACC RMI FF Q3
2011	PACC RMI ICE 2
2011	PACC RMI ICE 4
2011	PACC RMI ICL Child Exp Q2
2011	PACC RMI ICL Child Exp Q3
2011	PACC RMI MoU for PACC in RMI
2011	PACC RMI PACC RMI 2010-2011 Summary
2011	PACC RMI PACC RMI Acceptance Letter Joseph Cain

2011	PACC RMI	PACC RMI Brochure
2011	PACC RMI	PACC RMI Expression of Interest for Bulk Meters
2011	PACC RMI	PACC RMI Grants Report
2011	PACC RMI	PACC RMI Justification for Vehicle
2011	PACC RMI	PACC RMI Payroll
2011	PACC RMI	PACC RMI Payroll by Cost Centers
2011	PACC RMI	PACC RMI Payroll Transaction Report
2011	PACC RMI	PACC RMI Tender for Bulk Meters
2011	PACC RMI	Press Release MoU for PACC in RMI
2011	PACC RMI	Press Release PACC
2011	PACC RMI	Progress June
2011	PACC RMI	QPR 2
2011	PACC RMI	QPR 3
2011	PACC RMI	QWP 1
2011	PACC RMI	QWP 2
2011	PACC RMI	QWP 3
2011	PACC RMI	QWP 4
2011	PACC RMI	Report Q4
2011	PACC RMI	Risk log
2011	PACC RMI	Risk log Q4
2011	PACC RMI	RMI PACC Salaries Letter to SPREP
2011	PACC RMI	SPREP Letter of Confirmation Joseph Cain
2011	PACC RMI	SPREP Letter Response Salary
2011	PACC RMI	Vehicle Guidance from UNDP
2011	PACC RMI	Vehicle Guidance Response to UNDP
2011	PACC RMI	Vehicle Usage Notification
2012	PACC RMI	Acceptance Consultancy Letter Mark Stege
2012	PACC RMI	Awareness materials order
2012	PACC RMI	CC & DRM Survey for Laura Community
2012	PACC RMI	Djarrot meeting report
2012	PACC RMI	Expenditure Q2
2012	PACC RMI	Expression of Interest for Consultancy
2012	PACC RMI	FF Q1
2012	PACC RMI	FF Q2
2012	PACC RMI	FF Q2 Q3
2012	PACC RMI	FF Q3
2012	PACC RMI	FF Q3 Direct Payment
2012	PACC RMI	Household Survey for Laura Community
2012	PACC RMI	ICE 1
2012	PACC RMI	ICE 1
2012	PACC RMI	ICE-ICL Q2
2012	PACC RMI	ICL Q2 ChildCodes Exp
2012	PACC RMI	Laura Community Cons Planning Committee
2012	PACC RMI	Laura Community Cons Planning Committee Minutes
2011	PACC RMI	MYWP (2012)
2012	PACC RMI	PACC RMI CBA Workplan Template
2012	PACC RMI	PACC RMI CBA Workshop Presentation
2012	PACC RMI	PACC RMI Communication Plan
2012	PACC RMI	PACC RMI Payment Report
2012	PACC RMI	PM Meeting MWSC
2012	PACC RMI	Press Release Bulk Meters Installation
2012	PACC RMI	QPR Q1
2012	PACC RMI	QPR Q2
2012	PACC RMI	QWP 1
2012	PACC RMI	QWP Q2
2012	PACC RMI	QWP Q3
2012	PACC RMI	Reservoir waterloss calculations
2012	PACC RMI	Risk log
2012	PACC RMI	RMI Education Programs Project Work Plan
2012	PACC RMI	Taito Response to Vehicle Purchase
2012	PACC RMI	ToR for V&A Expert
2012	PACC RMI	V&A Draft

2012	PACC RMI	Water CBA
2012	PACC RMI	Workplan for V&A Consultant

NOT specific to PACC Project

1992	UN	UNFCCC
1996	Simon, & Graham	Radiation Dose Assessment RMI
1997	Mark Sorenson	Good Practices for Urban Greening
1999	Takahashi et. Al	Thyroid & Dietary Iodine in RMI
1999	Dr. Lex Thomson	RMI Forest&Trees Country Report
2001	SOPAC	Water Resources Ebeye TripRep
2002	RMI Government	RMI Report on UNCCD
2002	Burns	PICs Water resources & CC
2003	RMI Government	RMI OEPPC Act
2003	EarthTrends	RMI Biodiversity & Protected Areas
2003	EarthTrends	RMI Coastal & Marine Ecosystems
2003	EarthTrends	RMI Water Resources & Freshwater Ecosystems
2004	RMI Government	RMI Water Situation Analysis
2005	USGS	Effects of Drought in Laura Area Study
2005	ADB	Regional Mainstreaming Environmental Considerations
2006	RMI Government	RMI Coastal Management Framework
2006	RMI Government	RMI National Development Policy Implications
2006	RMI Government	RMI EPA Sustainable Development Regulations
2006	Deenik, & Yost	Chemical Properties of Atoll Soils Study
2007	PACC RMI	RMI PACC Endorsement Letter
2007	RMI Government	RMI National Action Plan for Disaster Risk Management
2007	UNDP	RMI SNC Project Document
2007	-	Capacity Building for Sustainable Land Management Draft
2007	SOPAC	Lauru Majuro Water Resources Assessment
2007	Cliver, & Fayer	Categories of Waterborne Disease Organisms
2008	RMI Government	RMI NAP Land Degradation & Drought
2008	UNFCCC	CC Impact, Vulnerabilities, & Adaptation
2008	-	Nuclear Testing in RMI
2008	-	RMI SLM Project Linkages
2008	-	Majuro water risks - Priority Area 4
2008	IWRM	RMI IWRM Demonstration Project Paper
2009	-	RMI National Energy Policy
2010	RMI Government	RMI Government Procurement Code
2010	RMI Government	RMI Financial Mangement Act
2010	-	CC Issues for Policy Consideration
2010	-	RMI NAP Supplement 1
2010	-	RMI HFA & RFA Supplement 2
2010	-	CC & DRM Policy & NAP Planning Process
2010	Anna Gero	RMI NAP for DRM Progress Review
2011	RMI Government	RMI Environmental Science Teachers Manual
2011	RMI Government	RMI National CC Framework Policy
2011	RMI Government	RMI CC Policy Cabinet Memo
2011	ADB	Baseline Assessment Report
2011	ADB	Vulnerability Assessment Report Draft
2011	ADB	Majuro Airport&Rita Adaptation Project Proposal
2011	ClimSystems	RMI SNC V&A Climate Change Analysis
2012		RMI CC Education Programs Project WorkPlan
2012		RMI JNAP Matrix Updated
2012		RMI National CC Policy presentation

PACC MTE Reference List - NAURU *draft PH*

YEAR		TITLE
2006	PACC Nauru	Nauru PACC Country Consultation
2008	PACC Nauru	PACC Nauru Consultation Taito notes (2006?)
2008	PACC Nauru	PACC Nauru Correspondence with EnvB
2008	PACC Nauru	PACC Nauru Water Supply Estimates

2009	PACC Nauru	Daily Cash Book Q3
2009	PACC Nauru	Employment Contract Mavis Brechtefeld
2009	PACC Nauru	FF Q3
2009	PACC Nauru	PACC Nauru Contract Mavis Depaune
2009	PACC Nauru	PACC Nauru Implementation Arrangement
2009	PACC Nauru	PACC Nauru Inception Workshop Report
2009	PACC Nauru	PACC Nauru MoU Signatures
2009	PACC Nauru	PACC Nauru Stakeholder Feedback
2009	PACC Nauru	PACC Westpac Transfer
2010	PACC Nauru	FF Q2
2010	PACC Nauru	FF Q3
2010	PACC Nauru	FF Q4
2010	PACC Nauru	ICE 4
2010	PACC Nauru	Narrative FF Q4
2010	PACC Nauru	PACC Nauru Accountatble Advance
2010	PACC Nauru	PACC Nauru Anja Fritz CV
2010	PACC Nauru	PACC Nauru Breakdown Cashbook
2010	PACC Nauru	PACC Nauru Comments from Taito to Brian Star
2010	PACC Nauru	PACC Nauru Formal Letter Russ Kunn
2010	PACC Nauru	PACC Nauru Project Assistant Contract
2010	PACC Nauru	PACC Nauru Scenario Worksheet
2010	PACC Nauru	PACC Nauru ToR for Eol
2010	PACC Nauru	PACC Nauru ToR Water Unit Team Leader
2010	PACC Nauru	PACC Nauru Vetting Process
2010	PACC Nauru	PACC Nauru Water Use Project Proposal
2010	PACC Nauru	QPR 3
2010	PACC Nauru	QPR 4
2010	PACC Nauru	Queries from RPMU
2010	PACC Nauru	QWP 4
2011	PACC Nauru	AWP Nauru draft
2011	PACC Nauru	FF Q2
2011	PACC Nauru	ICE 4
2011	PACC Nauru	Narrative Report Q3
2011	PACC Nauru	Nauru CIE News item on PACC
2011	PACC Nauru	Nauru Draft Water Policy to Cabinet
2011	PACC Nauru	Nauru PACC Calendar
2011	PACC Nauru	Nauru PACC Intro Video
2011	PACC Nauru	Nauru PACC Pamphlet
2011	PACC Nauru	PACC Nauru A Sinking Feeling Article
2011	PACC Nauru	PACC Nauru Accreditation UNFCCC
2011	PACC Nauru	PACC Nauru Agreed Payment Processing Form Signed
2011	PACC Nauru	PACC Nauru Annex I ToR CIE Water Policy
2011	PACC Nauru	PACC Nauru Annex II ToR Water Policy
2011	PACC Nauru	PACC Nauru CIE Policy Development
2011	PACC Nauru	PACC Nauru Co-Financing
2011	PACC Nauru	PACC Nauru Country Presentation
2011	PACC Nauru	PACC Nauru CPSC Workshop Handout
2011	PACC Nauru	PACC Nauru Endorsed Minute CIE
2011	PACC Nauru	PACC Nauru Letter of Agreement Change Bank Details
2011	PACC Nauru	PACC Nauru Letter of Support Mavis Depaune
2011	PACC Nauru	PACC Nauru Presidential Briefing Paper
2011	PACC Nauru	PACC Nauru Progress Briefing Note
2011	PACC Nauru	PACC Nauru Request to Host Michael Aroi
2011	PACC Nauru	PACC Nauru Request to Host MP
2011	PACC Nauru	PACC Nauru Survey
2011	PACC Nauru	PACC Nauru V&A Water Sector Draft
2011	PACC Nauru	PACC Nauru Variation of Agreement
2011	PACC Nauru	PACC Nauru Water Management Presentation
2011	PACC Nauru	PACC Nauru Water Unit Proposal
2011	PACC Nauru	PACC Project
2011	PACC Nauru	QPR 3
2011	PACC Nauru	QWP 3

2011	PACC Nauru	Tracking Sheet Q2
2011	PACC Nauru	Workplan for Consultancy Services
2012	PACC Nauru	AWP
2012	PACC Nauru	E Coli Levels Map
2012	PACC Nauru	Expenditure List Q1
2012	PACC Nauru	FF Q1
2012	PACC Nauru	FF Q2
2012	PACC Nauru	ICE 2
2012	PACC Nauru	Letter for Payment of Maintenance Workers
2012	PACC Nauru	Narrative Report Q1
2012	PACC Nauru	Nauru PACC Banner
2012	PACC Nauru	Nauru PACC Communications Plan
2012	PACC Nauru	Nauru PACC Demo Guide draft
2012	PACC Nauru	Nauru PACC Drought Management Strategy
2012	PACC Nauru	Nauru PACC Poster
2012	PACC Nauru	Nauru PACC SeaWaterReticulation Feasibility Study
2012	PACC Nauru	Nauru PACC V&A Assessment Water
2012	PACC Nauru	PACC Car Rental
2012	PACC Nauru	PACC Nauru Correspondence of Payment
2012	PACC Nauru	PACC Nauru Guidelines for Design of Water Supply
2012	PACC Nauru	PACC Nauru Letter of Agreement
2012	PACC Nauru	PACC Nauru Letter Tank Co-Financing
2012	PACC Nauru	PACC Nauru Thank You Letter Mavis Depaune
2012	PACC Nauru	PACC Nauru ToR TPA Short Term Contract
2012	PACC Nauru	PACC Nauru V&A Assessment of Water Sector
2012	PACC Nauru	PACC Salary 1
2012	PACC Nauru	PACC Salary 2
2012	PACC Nauru	PACC Salary 3
2012	PACC Nauru	PACC Salary 4
2012	PACC Nauru	PACC Staff Payment
2012	PACC Nauru	Prizes for International World Water Day
2012	PACC Nauru	QWP 1
2012	PACC Nauru	QWP 2
2012	PACC Nauru	Reimbursement Mavis Depaune
2012	PACC Nauru	Reimbursement Natasha Detenamo 1
2012	PACC Nauru	Reimbursement Natasha Detenamo 2
2012	PACC Nauru	Reimbursement Natasha Detenamo 3
2012	PACC Nauru	Reimbursement Natasha Detenamo 4
2012	PACC Nauru	Reimbursement Sumo Detenamo
2012	PACC Nauru	Wilton & Partners Invoice

NOT specific to PACC Project

2003	AusAID	Nauru Groundwater Investigation Details
2005	Nauru	Nauru Aid Management Policy
2006	Nauru	National Budget for 2006 to 2007
2006	Nauru	National Sustainable Development Strategy Appendices
2006	Nauru	National Sustainable Development Strategy Intro
2006	Nauru	National Sustainable Development Strategy Report
2006	Nauru	Nauru Reform of Power & Water
2006	Nauru	Nauru Sectoral Assistance
2006	Nauru	Nauru Utilities Sector
2006	Nauru	Nauru Water Plan
2008	Nauru	Biodiversity Project Initiatives
2008	Nauru	National Implementation Plan for POPs with Changes
2008	Nauru	Nauru GEF PIF Biodiversity
2008	Nauru	Nauru NSDS
2009	-	Fixed Term Employment Contract Template
2009	Nauru	Nauru Environment Division
2009	Nauru	Nauru NSDS Table
2009	Nauru	Nauru Regional Water Sector Support Projects
2009	Nauru	Water Projects in Nauru
2010	Nauru	Nauru Water Sanitation Environment Strategies (NSDS?)

2010	Nauru	Priority Projects GEF
2011	Nauru	Nauru Water Policy Annex I
2011	Nauru	Nauru Water Policy Annex II
2011	Nauru	Nauru Water Policy Annex III
2011	Nauru	Nauru Water Policy Ministerial Submission
2011	Nauru	Nauru National Water Sanitation Hygiene Policy
2012	?	Anetan Map
2012	Nauru	Nauru Climate Change Adaptation Plan
2012	Nauru	Nauru Water Policy IWRM Work Plan
2012	?	PACC Nauru Feasibility Study
2012	SPREP	PACC Nauru JNAP & DRM Mission Report
2012	Nauru	PACC Nauru National Outlook Portfolio
2012	SPREP	PACC Nauru Upcoming Joint SPC/SPREP
2012	Nauru	Water Sector to JNAP Diagram
2010	Nauru	SOPAC EU-B Plan for Nauru Water Security

PACC MTE Reference List - NIUE - updated - PH 16 Sept 2012

YEAR	TITLE
2006	PACC Niue Country Consultation Report (PDF)
2009	PACC Niue FF Q3
2009	PACC Niue PACC Niue CC Matrix
2009	PACC Niue PACC Niue CC Policy
2009	PACC Niue PACC Niue CC Workshop Draft Agenda
2009	PACC Niue PACC Niue Discussion with PACC & IWRM
2009	PACC Niue PACC Niue Signed MoU
2009	PACC Niue PACC Niue Strategies
2009	PACC Niue SPREP Inter Office Memo MoU
2010	PACC Niue AWP
2010	PACC Niue AWP Breakdown Costs
2010	PACC Niue FF Q1
2010	PACC Niue FF Q2
2010	PACC Niue FF Q3
2010	PACC Niue FF Q4
2010	PACC Niue ICE 4
2010	PACC Niue Ledger Q2
2010	PACC Niue Niue Water SC ToR
2010	PACC Niue PACC Niue Rainwater Harvesting Presentation
2010	PACC Niue QWP 3
2010	PACC Niue QWP 4
2010	PACC Niue SPREP Adaptation to CC Training Programme
2011	PACC Niue AWP
2011	PACC Niue FF Q3
2011	PACC Niue ICE 3
2011	PACC Niue ICE 4
2011	PACC Niue Joint Steering Committee for PACC & IWRM
2011	PACC Niue Narrative Report Q2
2011	PACC Niue Narrative Report Q3
2011	PACC Niue PACC Niue Action Plan for DRM and CC Draft
2011	PACC Niue PACC Niue Expression Interest for RainwaterTanks supply
2011	PACC Niue PACC Niue Implementation Progress CC Policy
2011	PACC Niue PACC Niue Implementation Progress Coastal
2011	PACC Niue PACC Niue V&A Assessment Outline
2011	PACC Niue PACC Presentation to whom
2011	PACC Niue QWP 1
2011	PACC Niue QWP 2
2011	PACC Niue QWP 3
2011	PACC Niue QWP 4
2011	PACC Niue SPREP Accreditation Toke Talagi
2011	PACC Niue SPREP Assurance Letter for Niue April

2011	PACC Niue	SPREP Assurance Letter for Niue August
2012	PACC Niue	AWP
2012	PACC Niue	PACC Niue CBA
2012	PACC Niue	PACC Niue Physical Asset Inventory
2012	PACC Niue	PACC Niue Summary
2012	PACC Niue	PACC Niue Technical Report Rainwater Harvesting
2012	PACC Niue	SPREP Assurance Letter for Niue Brendan

NOT specific to PACC Project

2005	Gerhard Zieroth	Niue National Energy Policy Report 37
2005	Gerhard Zieroth	Niue National Energy Policy Report 38
2009	Rosslynn A. Pulehetoa	Met & CC Workshop Report
2009	SPREP	SPREP ToR Niue CC Policy
2009	-	List of Departments & Officers Consulted
2009	-	Press Release Niue CC Policy
2009	Niue Government	Niue National CC Policy
2009	Niue Government	Niue National CC Policy Cabinet Paper
2009	Niue Government	Niue Weather, Climate Observations, & CC Report
2010	Niue Government	Niue Info on CC Policy Consultation
2011	PIFS	Niue Peer Review Report
2011	PIFS	Peer Review of Niue Summary
2011	-	Niue CCA & DRM NAP Results Matrix
2011	Niue Government	Niue AF Proposal Food Security CC
2011	Niue Government	Niue Governance Diagram
2012	Clinton Chapman	Alofi Rainfall Calculations
2012	Niue Government	Niue Water Bill explanatory note
2012	Niue Government	Niue JNAP draft
2009	Niue Government	Niue National Strategic Plan

PACC MTE Reference List - PALAU**updated PH 4 October 2012**

YEAR		TITLE
2012	PACC Maps	Aimeliik PACC Map
2012	PACC Maps	Airai PACC Map
2012	PACC Maps	Angaur PACC Map
2012	PACC Maps	Kayangel State Map
2012	PACC Maps	Koror PACC Map
2012	PACC Maps	Melekeok PACC Map
2012	PACC Maps	Merir PACC Map
2012	PACC Maps	Ngaraard PACC Map
2012	PACC Maps	Ngarchelong PACC Map
2012	PACC Maps	Ngardmau PACC Map
2012	PACC Maps	Ngaremlengui PACC Map
2012	PACC Maps	Ngatpang PACC Map
2012	PACC Maps	Ngchesar PACC Map
2012	PACC Maps	Ngiwal PACC Map
2012	PACC Maps	Peleliu PACC Map
2012	PACC Maps	Sonsorol PACC Map
2012	PACC Maps	Tobi PACC Map
2007	PACC Palau	OERC Endorsement for Inclusion
2007	PACC Palau	SPREP Developments of the PACC
2008	PACC Palau	PACC Palau Inception Workshop Agenda
2008	PACC Palau	PACC Palau In-Country Consultations
2008	PACC Palau	PACC Palau Institutions & Individuals Consulted
2008	PACC Palau	PACC Palau Outputs Budget 2008-2012
2008	PACC Palau	PACC Palau Project Proposal
2008	PACC Palau	PACC Palau Work Plan Development
2009	PACC Palau	FF Q4
2009	PACC Palau	PACC Palau Administrative Procedures
2009	PACC Palau	PACC Palau MoU with SPREP

2009	PACC Palau	PACC Palau Payment Processing Form
2010	PACC Palau	Intro to PACC Steering Committee
2010	PACC Palau	PACC Introductory Presentation to Palau
2010	PACC Palau	PACC Palau Inception Workshop Action Plan
2010	PACC Palau	PACC Palau Narrative Reporting Template
2010	PACC Palau	PACC Palau Objectives of Inception Workshop
2010	PACC Palau	PACC Palau Prep Phase Presentation
2010	PACC Palau	PACC Palau Project Management Unit
2010	PACC Palau	PACC Palau Project Mgt decisions
2010	PACC Palau	PACC Palau ToR NCCCT/NACCC
2010	PACC Palau	PACC Palau ToR NPM/NPC
2010	PACC Palau	SPREP Letter to PACC Palau
2010	PACC Palau	SPREP PACC Management Arrangement
2011	PACC Palau	FF Q1-4
2011	PACC Palau	FF Q2
2011	PACC Palau	ICE 2
2011	PACC Palau	OERC PACC Mgt Issues memoes
2011	PACC Palau	OERC Replacement of PACC Palau Coordinator
2011	PACC Palau	PACC Impl MoU OERC & EQPB
2011	PACC Palau	PACC Impl MoU OERC & MNRET-BMR
2011	PACC Palau	PACC Impl MoU OERC & MNRET-BOA
2011	PACC Palau	PACC Impl MoU OERC & PCAA
2011	PACC Palau	PACC Impl MoU OERC & MPIIC-PALARIS
2011	PACC Palau	PACC Palau Community College Report
2011	PACC Palau	PACC Palau Food Security Planning Process Draft
2011	PACC Palau	PACC Palau Project Work Plan
2011	PACC Palau	PACC Palau Socioeconomic Survey
2011	PACC Palau	PACC Palau Socioeconomic Tables
2011	PACC Palau	PACC Palau Strategic Results Logframe
2011	PACC Palau	PACC Palau Survey Report
2011	PACC Palau	PACC Palau Tables
2011	PACC Palau	PACC QPR 3,4
2011	PACC Palau	QPR 3
2011	PACC Palau	QWP 2
2011	PACC Palau	QWP 3
2011	PACC Palau	QWP 4
2011	PACC Palau	Report Q3
2011	PACC Palau	Salaries & Wages
2012	PACC Palau	Farm Survey Report PALARIS
2012	PACC Palau	Jerome resign letter
2012	PACC Palau	PACC Expenditure summary note
2012	PACC Palau	PACC Output Activities Budget plan 2009-2013
2012	PACC Palau	PACC Palau CBA Food Security Presentation
2012	PACC Palau	PACC Palau CBA Workplan
2012	PACC Palau	PACC Palau Core Group Status Letter to OERC
2012	PACC Palau	PACC Palau Demo Research Design
2012	PACC Palau	PACC Palau Socioeconomic Assessment Report
2012	PACC Palau	PACC Palau Water Quality Testing at Taro Patch
2012	PACC Palau	PACC Report Q1
2012	PACC Palau	QWP 1
2012	PACC Palau	RPM memo on performance
2012	PACC Palau	CBA Report on PACC Palau Food Security Project

NOT specific to PACC Project

2004	Dr. Tony Lewis	Oceanic Fisheries
2004	GEF	SCCF Programming Paper
2007	-	Palau Taro Vulnerability Assessment
2007	-	The World Factbook for Palau
2007	-	V&A Assessment of Vector Borne Diseases
2007	Hanser	Palau Mangroves V&A to Climate Change
2007	IWRM	IWRM Diagnostic Report
2007	Palau Government	IWRM Full Demonstration Project

2008	-	Ngatpang State
2008	IESL	Taro Adaptation to CC
2008	MWM Architects Inc.	Ngatpang State Intro
2011	FAO	CC & Food Security in Context of Cancun Agreements
2011	PCCSP	Climate Change in Palau Summary

PACC MTE Reference List - SAMOA *draft PH*

YEAR	Author	TITLE
2007	PACC Samoa	Samoa PACC Co-financing letter
2008	PACC Samoa	PACC Samoa Draft Detail Adaptation Activities & Budget
2008	PACC Samoa	PACC Samoa PDF Consultation Report
2009	PACC Samoa	AWP
2009	PACC Samoa	AWP
2009	PACC Samoa	FF Q3
2009	PACC Samoa	PACC Samoa Country Consultations Report
2009	PACC Samoa	PACC Samoa Inception Meeting present
2009	PACC Samoa	PACC SPREP GoSamoa MoU
2009	PACC Samoa	QPR 3
2009	PACC Samoa	QPR 4
2010	PACC Samoa	AWP
2010	PACC Samoa	NSC 1 minutes
2010	PACC Samoa	NSC 2 minutes
2010	PACC Samoa	NSC Agenda
2010	PACC Samoa	PACC Samoa Change of Demo Site memo
2010	PACC Samoa	PACC Samoa Lalomalava consult report
2010	PACC Samoa	PACC Samoa Lalomalava site visit
2010	PACC Samoa	PACC Samoa NSC Agenda
2010	PACC Samoa	PACC Samoa SEA-PACC Tafitoala outline
2010	PACC Samoa	PACC Samoa SEA-PACC Training Agenda
2010	PACC Samoa	PACC Samoa Tafitoala consult report
2010	PACC Samoa	PACC Samoa Tafitoala PEAR
2010	PACC Samoa	PACC Samoa Tafitoala responses to Qs
2010	PACC Samoa	PACC Samoa Tafitoala SEA qaire
2010	PACC Samoa	QPR 2 progress
2010	PACC Samoa	QWP 3
2010	PACC Samoa	QWP 4
2010	PACC Samoa	Samoa OLPP NatPark MgtPlan
2010	PACC Samoa	Samoa PACC RPM Travel Report Savaii
2010	PACC Samoa	Samoa PACC Tafitoala ByLaw Consult Report draft
2010	PACC Samoa	Samoa PACC Tafitoala Consult Report draft
2010	PACC Samoa	Samoa PEAR Lalomalava
2010	PACC Samoa	Samoa PEAR Lefagaolii
2010	PACC Samoa	Samoa SNC CC
2011	PACC Samoa	AWP
2011	PACC Samoa	Dobbie comments Samoa SandMiningPolicy
2011	PACC Samoa	FF Q1
2011	PACC Samoa	FF Q1
2011	PACC Samoa	FF Q2
2011	PACC Samoa	FF Q3
2011	PACC Samoa	FF Q4
2011	PACC Samoa	MYWP
2011	PACC Samoa	NSC 3 minutes
2011	PACC Samoa	PACC Samoa Coastal Guideline Development TOR
2011	PACC Samoa	PACC Samoa Demo Guide
2011	PACC Samoa	PACC Samoa NSC Minutes
2011	PACC Samoa	PACC Samoa Story Replanting
2011	PACC Samoa	PACC Samoa Tafitoala ByLaw 2nd Consult
2011	PACC Samoa	QPR 1
2011	PACC Samoa	QPR 2
2011	PACC Samoa	QPR 3

2011	PACC Samoa	QPR 4
2011	PACC Samoa	QWP 1
2011	PACC Samoa	QWP 3
2011	PACC Samoa	QWP 3
2012	PACC Samoa	AWP
2012	PACC Samoa	ICE Q1
2012	PACC Samoa	PACC Samoa Communications Plan
2012	PACC Samoa	PACC Samoa Demo Guide draft
2012	PACC Samoa	PACC Samoa Story Securing Coastline
2012	PACC Samoa	PACC Samoa Workplan SandMiningPolicy
2012	PACC Samoa	QPR 1
2012	PACC Samoa	QWP 1
2012	PACC Samoa	Samoa Tafitoala Water Res ByLaws

NOT specific to PACC Project

2000		Samoa INC
2001	Gibb	Samoa Assessment of Coastal Hazards
2002		Samoa CIM Lalomalava
2002		Samoa CIM Plan Tafitoala
2003		Samoa Climate Policy
2004	CBDAMPIC	Samoa CVA Report
2005		Samoa NAPA
2006		Samoa CIM Aleipataluga
2006		Samoa CIM Plan Lepa
2006	Hay	Samoa Climate risk Profile
2006		Samoa new CIM Strategy draft
2007		Samoa CIM Plan Lefagaoalii
2007	PUMA	Samoa Codes of Env Practice
2007		Samoa Flood Reduction Action Plan
2007		Samoa Forest Policy
2007		Samoa GEF-PAS Samoa Priorities
2008		Samoa Aleipata MPA MgtPlan
2008		Samoa Safata MPA MgtPlan
2009	Daly et al	Samoa Reducing Vulnerability DRR
2010	UN GA	Samoa LDC Graduation deferral
2011	MNRE	Samoa Newsletter
2011		Samoa SPCR StratProg for Climate Resilience
2012		Samoa DRAFT NPAC Assessment

PACC MTE Reference List - SOLOMON ISLANDS*updated PH 30.08.2012*

YEAR	TITLE
2009	PACC Solomon Is PACC Sol Agreed Payment Processing Form
2009	PACC Solomon Is PACC Sol Proposed Activities & Est. Costs
2009	PACC Solomon Is PACC Sol Costed Work Plan
2009	PACC Solomon Is PACC Sol Financial Narrative Q4
2009	PACC Solomon Is PACC Sol Inception Workshop Report
2009	PACC Solomon Is SPREP Support Letter
2009	PACC Solomon Is Briefing to SolISS MAL MECM on PACC Inception Workshop
2010	PACC Solomon Is PACC Sol Special Service Agreement
2010	PACC Solomon Is PACC Sol World Env't Day
2010	PACC Solomon Is PACC Sol PASAP Full Project Details
2010	PACC Solomon Is PACC Sol Climate Change Brochure
2010	PACC Solomon Is PACC Sol Info on PACC Brochure
2010	PACC Solomon Is PACC Sol V&A Call for Expression of Interest
2010	PACC Solomon Is PACC Sol ToR for GIS Mapping of Temotu Province
2010	PACC Solomon Is PACC Sol Salary Payment Molina Zirou
2010	PACC Solomon Is PACC Sol Project Manager Casper Supa Sikou
2010	PACC Solomon Is PACC Sol Project Assistant Molina Wini Zirou
2010	PACC Solomon Is Radio Communications Draft Proposal for PACC

2011	PACC Solomon Is	PACC Sol ToR V&A Assessment
2011	PACC Solomon Is	QWP 2
2011	PACC Solomon Is	Tracking Sheet Q1
2011	PACC Solomon Is	QPR 1
2011	PACC Solomon Is	QWP & FF 1
2011	PACC Solomon Is	QPR 3
2011	PACC Solomon Is	QWP 3
2011	PACC Solomon Is	PACC Sol V&A Assessment Final Report
2011	PACC Solomon Is	PACC Sol V&A Assessment Disclaimer
2011	PACC Solomon Is	PACC Sol Central Province Trip Report
2011	PACC Solomon Is	PACC Sol Renbel Provincial Trip Budget
2011	PACC Solomon Is	PACC Sol Renbel Provincial Draft Report
2011	PACC Solomon Is	PACC Sol Borohinanba Estimated Budget
2011	PACC Solomon Is	PACC Sol Monitoring Report
2011	PACC Solomon Is	SPREP Letter of Assurance Reimbursement John Bosco
2011	PACC Solomon Is	SPREP Support Letter
2011	PACC Solomon Is	SPREP Letter of Assurance Reimbursement Rence Sore
2011	PACC Solomon Is	Guide to Integrated Farming for Ontong Java (Outline)
2012	PACC Solomon Is	PACC Sol ToR for Demonstration Team Leader
2012	PACC Solomon Is	PACC Sol Special Service Agreement Jasper Bonie
2012	PACC Solomon Is	PACC Sol List of Tables & Figures
2012	PACC Solomon Is	Payments Q1
2012	PACC Solomon Is	PACC Sol Ontong Java preps for PACC Interventions
2012	PACC Solomon Is	PACC Sol Payment Procedures
2012	PACC Solomon Is	PACC Sol Draft Communication Plan
2012	PACC Solomon Is	PACC Sol Food Security Benefit Cost Analysis Draft
2012	PACC Solomon Is	PACC Sol Food Security Benefit Cost Analysis Tables
2012	PACC Solomon Is	PACC Sol Food Security Benefit Cost Analysis
2012	PACC Solomon Is	Presentation
2012	PACC Solomon Is	Newsletter Q3

NOT specific to PACC Project

2008	-	Lord Howe Atolls Humanitarian Requirement Assessment
2008	Charles Kaula	Water Sector Assessment Report
2008	Dr. C. Clay, M. Leon, H. Julie Hudson Kauhiona & George	Ontong Java Tidal Surge Assessment & Health Report
2008	Fugui	Ontong Java Brief Assessment Report
2008	Labu Toito'ona	Agriculture Sector Assessment Report
2009	Stephen J. Leisz	Study - Locations in Melanesia Most Vulnerable to CC
2009	Kjeld Rasmussen	Impacts, Vulnerability, and Adaptation Study
2009	National Disaster Council	Ontong Java Recovery Action Plan Status Report
2010	UNDP	Submissions for GEF Template
2010	UNDP	SEMRICC Project Document
2010	Government of Solomon Islands	National Policy on Organic Agriculture Systems
2010	Government of Solomon Islands	National Food Security, Food Safety and Nutrition Policy
2010	J. M. Bonie	Food Security Field Report
2010	National Disaster Council	National Disaster Risk Management Plan
2011	ADB	CC & Food Security Study Proposal
2012	UNDP	SEMRICC QPR 1
2012	Frank Wickham	National Climate Change Policy
2012	Melchior Mataki & Gideon Solo	CC V&A Assessment Methodology

**PACC MTE Reference List -
TOKELAU***updated PJH 25.September.2012*

YEAR	TITLE
2011 PACC Tokelau	ADRA Water Management Work Plan
2011 PACC Tokelau	Household water tank survey

2011	PACC Tokelau	ICE 3
2011	PACC Tokelau	MYWP
2011	PACC Tokelau	PACC Tokelau Areas of Interest
2011	PACC Tokelau	PACC Tokelau Back To Office Report
2011	PACC Tokelau	PACC Tokelau CC Strategy
2011	PACC Tokelau	PACC Tokelau Council Support
2011	PACC Tokelau	PACC Tokelau Funding
2011	PACC Tokelau	PACC Tokelau Household Tank Summary
2011	PACC Tokelau	PACC Tokelau Inception & Consultation Report
2011	PACC Tokelau	PACC Tokelau Inception & Planning Agenda
2011	PACC Tokelau	PACC Tokelau Inception & Planning Meeting Report
2011	PACC Tokelau	PACC Tokelau Inception & Planning Outcomes
2011	PACC Tokelau	PACC Tokelau Inception Meeting Outcomes
2011	PACC Tokelau	PACC Tokelau Inception Objectives
2011	PACC Tokelau	PACC Tokelau Information Risk-Reduction
2011	PACC Tokelau	PACC Tokelau Introductory Presentation
2011	PACC Tokelau	PACC Tokelau Log Frame
2011	PACC Tokelau	PACC Tokelau Management Arrangement
2011	PACC Tokelau	PACC Tokelau MoU
2011	PACC Tokelau	PACC Tokelau MoU with SPREP
2011	PACC Tokelau	PACC Tokelau National Strategic Plan
2011	PACC Tokelau	PACC Tokelau NDRR Plan Draft
2011	PACC Tokelau	PACC Tokelau Objectives
2011	PACC Tokelau	PACC Tokelau Outcomes & Outputs
2011	PACC Tokelau	PACC Tokelau Support Letter
2011	PACC Tokelau	PACC Tokelau Support Letter to SPREP
2011	PACC Tokelau	PACC Tokelau ToR National Project Manager
2011	PACC Tokelau	PACC Tokelau ToR Technical Assessment
2011	PACC Tokelau	PACC Tokelau Water Management Crisis
2011	PACC Tokelau	PACC Tokelau Water Management Workplan
2011	PACC Tokelau	Plumbing parts list BoQ
2011	PACC Tokelau	QWP 3
2011	PACC Tokelau	QWP 4
2012	PACC Tokelau	AWP
2012	PACC Tokelau	First Flush Diverters Schedule

NOT specific to PACC Project

2005	NIWA	Tokelau Storm Surge Recommendations Draft
2010		Tokelau Integ Waste Water Sanitation Action Plan
2011	Ramsey	Tokelau CC Impacts & Issues
2011		Tokelau CC Strategy 2012-2017 draft
2011		Tokelau DRR Plan draft
2012		AICCAI SPC CC Support Program TONGA FIJI TOKELAU

PACC MTE Reference List - TONGA *updated PJH 25.September.2012*

YEAR	TITLE
2007	PACC Tonga Pledge Letter
2008	PACC In-Country Consultations
2009	MoU PACC Tonga & SPREP
2009	Mainstreaming CC
2009	Administrative Procedures for Coordinators
2009	PACC Water Projects Presentation
2009	PACC Tonga Inception Workshop Presentation
2010	Monitoring & Evaluation Plan & Budget
2010	PACC Tonga Monitoring & Evaluation Presentation
2010	Establishment of PACC Steering Committee
2010	Objectives of Inception Workshop
2010	PACC Tonga ToR National Coordinator
2010	PACC Tonga ToR National Steering Committee
2010	Log Frame Annex IV

2010	PACC Tonga	PACC Management Arrangement
2010	PACC Tonga	PACC Tonga Objectives of Inception Workshop
2010	PACC Tonga	Key Jargons Presentation
2010	PACC Tonga	Introduction to PACC Presentation
2010	PACC Tonga	PACC Lessons & Experiences
2010	PACC Tonga	PACC Process for Background Info
2010	PACC Tonga	Monday PACC Briefing Agenda
2010	PACC Tonga	PACC Capacity Development Action Plan
2010	PACC Tonga	V&A Training Agenda
2010	PACC Tonga	Inception Workshop Meeting Report
2010	PACC Tonga	PACC Technical Meeting Report
2010	PACC Tonga	Duty Travel Report SPREP Management
2010	PACC Tonga	Introducing PACC to Hihifo District
2010	PACC Tonga	Issues with Q3 & Q4
2010	PACC Tonga	Mainstreaming of PACC Tonga
2010	PACC Tonga	PACC Tonga Coordinator Salary Adjustment
2010	PACC Tonga	ToR for Consultancy Agreement Draft
2010	PACC Tonga	ToR for Socioeconomic Review Draft
2010	PACC Tonga	PACC Tonga Technical Team
2010	PACC Tonga	PACC Tonga Inception Meeting Story
2010	PACC Tonga	PACC Tonga Reporting Correspondence
2010	PACC Tonga	PACC Tonga Hihifo Cover of Report
2010	PACC Tonga	PACC Tonga Hihifo Body of Report
2010	PACC Tonga	PACC Tonga Water Distribution Report
2010	PACC Tonga	ICE 3
2010	PACC Tonga	QWP 3
2010	PACC Tonga	QWP 4
2010	PACC Tonga	AWP
2010	PACC Tonga	PACC Tonga JNAP CC & DRM
2010	PACC Tonga	PACC Tonga Water Committee Meeting
2010	PACC Tonga	PACC Tonga National Procurement Regulations
2011	PACC Tonga	PACC Tonga V&A and Design Summary Report
2011	PACC Tonga	PACC Tonga Water V&A Report Hihifo
2011	PACC Tonga	PACC Tonga Multi Year Work Plan
2011	PACC Tonga	Design & Estimate Report Draft
2011	PACC Tonga	Design & Implementation Hihifo Project
2011	PACC Tonga	Assessment Review of Hihifo District
2011	PACC Tonga	Capacity Building & Communications Presentation
2011	PACC Tonga	PACC Tonga Water Sector Presentation
2011	PACC Tonga	PACC Tonga Launches Website
2011	PACC Tonga	PACC Tonga Physical Asset Inventory
2011	PACC Tonga	CBA Workplan
2011	PACC Tonga	AWP
2011	PACC Tonga	MYWP
2011	PACC Tonga	FF Q2
2011	PACC Tonga	Tracking Sheet Q2
2011	PACC Tonga	Narrative Report Q2
2011	PACC Tonga	Narrative Report Q3
2011	PACC Tonga	QWP 3
2011	PACC Tonga	QWP 4
2011	PACC Tonga	ICE 4
2011	PACC Tonga	PACC Tonga Letter of Support Paula Taufu
2011	PACC Tonga	PACC Tonga National Water Policy
2011	PACC Tonga	PACC Tonga National Water Management Plan
2011	PACC Tonga	PACC Tonga Socio-Economic Assessment Report
2012	PACC Tonga	CC Assesment & Water Resources
2012	PACC Tonga	PACC Project Brief Summary
2012	PACC Tonga	Narrative Report Q1
2012	PACC Tonga	PACC Tonga ToR Technical Review
2012	PACC Tonga	Programme for Neta & Ryan's Visit
2012	PACC Tonga	PACC Tonga Procurement Summary
2012	PACC Tonga	Tongatapu Groundwater Salinity Map

2012	PACC Tonga	NEEDS Water Pump Contract
2012	PACC Tonga	PACC Tonga Detail Procurement List
2012	PACC Tonga	PACC Tonga Expression of Interest
2012	PACC Tonga	PACC Tonga Request for Tender Water Pumps
2012	PACC Tonga	PACC Tonga Water Pumps Specification
2012	PACC Tonga	PACC Tonga Project Implementation Document
2012	PACC Tonga	PACC Tonga Pipes & Fittings List
2012	PACC Tonga	PACC Tonga Request for Tender Pipes & Fittings
2012	PACC Tonga	PACC Tonga Hihifo Page 1
2012	PACC Tonga	PACC Tonga Hihifo Page 2
2012	PACC Tonga	PACC Tonga Hihifo Page 3
2012	PACC Tonga	PACC Tonga Hihifo Page 4
2012	PACC Tonga	PACC Tonga Hihifo Page 5
2012	PACC Tonga	PACC Tonga Hihifo Page 6
2012	PACC Tonga	PACC Tonga Hihifo Page 7
2012	PACC Tonga	PACC Tonga Hihifo Page 8
2012	PACC Tonga	PACC Tonga Hihifo Page 9
2012	PACC Tonga	PACC Tonga Hihifo Page 10
2012	PACC Tonga	PACC Tonga Hihifo Page 11
2012	PACC Tonga	PACC Tonga Hihifo Page 12
2012	PACC Tonga	PACC Tonga Hihifo Page 13
2012	PACC Tonga	PACC Tonga Hihifo Page 14
2012	PACC Tonga	PACC Tonga Hihifo Page 15
2012	PACC Tonga	PACC Tonga Hihifo Page 16
2012	PACC Tonga	PACC Tonga Hihifo Page 17
2012	PACC Tonga	PACC Tonga Hihifo Page 18
2012	PACC Tonga	PACC Tonga Hihifo Page 19
2012	PACC Tonga	PACC Tonga Hihifo Page 20
2012	PACC Tonga	AWP
2012	PACC Tonga	Tracking Sheet Q2
2012	PACC Tonga	FF Q1
2012	PACC Tonga	FF Q2
2012	PACC Tonga	ICE 1
2012	PACC Tonga	ICE 2
2012	PACC Tonga	ICE 3
2012	PACC Tonga	QPR 1
2012	PACC Tonga	QPR 2
2012	PACC Tonga	PACC Tonga Request Letter Paula Taufu
2012	PACC Tonga	PACC Tonga Procurement Management Plan
2012	PACC Tonga	PACC Tonga Coastal Engineering Feasibility Hihifo
2012	PACC Tonga	PACC Tonga Review of Design Report Final Draft
2012	PACC Tonga	PACC Tonga Technical Review Proposal
2012	PACC Tonga	PACC Tonga Short Consultancy Proposal
2012	PACC Tonga	PACC Tonga Hihifo Geography
2012	PACC Tonga	PACC V&A Report

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1992		Tonga Public Health Act
2003	K. Raghavan	100% Renewable Energy in Tuvalu, Fiji, & Tonga
2005		Tonga Waste Management Act
2007	SOPAC IWRM	Tonga Integrated Water Resource Management Plan
2007		Tonga National Disaster Plan
2010	CICERO/IUCN	CCA Tools Project Proposal For Tonga
2010		Tonga JNAP CC DRM 2010-2015
2010		Tonga National Infrastructure Investment Plan
2011		Tonga National Tsunami Plan
2011		Tonga Sustainable Development Framework 2011-2014
2012	IFRC	Pacific CC Tonga IFRC Country Reports V2 Ch14

YEAR	TITLE
2009	PACC Tuvalu
2009	PACC Tuvalu
2009	PACC Tuvalu Coordinator Contract 1
2009	PACC Tuvalu Coordinator Contract 2
2009	PACC Tuvalu Coordinator Contract 3
2009	PACC Tuvalu FF Template
2009	PACC Tuvalu MoU with SPREP
2009	Sei Tuvalu
2009	Tuvalu Honorarium IRO Letter
2010	Annex 2 Log Frame
2010	AWP
2010	Bottom Up Approaches to V&A Assessment
2010	CC What Is Changing Presentation
2010	CCE 3
2010	Concept & Terms Presentation
2010	CV&A Approach Presentation
2010	CV&A Report Table of Content
2010	CV&A Tools Presentation
2010	Different Framework to V&A Presentation
2010	FF 2009 to 2010
2010	FF Q1 Q2
2010	FF Q3
2010	FF Q4
2010	GIS In-Country Training
2010	ICE 4
2010	Newsletter Q2
2010	PACC Inception Article
2010	PACC Tuvalu Community V&A Report
2010	PACC Tuvalu GEF PAS
2010	PACC Tuvalu Issues
2010	PACC Tuvalu Progress Report
2010	Presenting Results of V&A
2010	Receipt Q4
2010	Reference Support Loia Tausi
2010	Threat Matrix for Western Pacific Leatherbacks
2010	Travel Report Loia Tausi
2010	Travel Report Will Thorp
2010	Tuvalu NAPA Workshop Report
2010	Understanding Vulnerability Notes
2010	V&A Exercise Sheet
2010	V&A Tools
2010	V&A Training Agenda
2011	AWP
2011	Collaboration With IWRM
2011	FF Q1
2011	FF Q2
2011	Lofeagai Socio-Economic Assessment Report
2011	MTR of BPOA
2011	MYWP
2011	Narrative Report Q1
2011	Narrative Report Q2
2011	Narrative Report Q3
2011	Narrative Report Q4
2011	Newsletter Q2
2011	Notes from Gabor about Tuvalu
2011	PACC Tuvalu Cartoon Book
2011	PACC Tuvalu National Assessment of BPOA
2011	PACC Tuvalu Q1 Foto Story
2011	PACC Tuvalu Q2 Foto Story
2011	PACC Tuvalu Rainwater Harvesting Pamphlet
2011	PACC Tuvalu Responds to Urban Challenge Article
2011	PACC Tuvalu Response to BPOA Presentation

2011	PACC Tuvalu	QPR 2
2011	PACC Tuvalu	QPR 3
2011	PACC Tuvalu	QWP 3
2011	PACC Tuvalu	QWP 4
2011	PACC Tuvalu	SEA-PACC V&A Report
2011	PACC Tuvalu	SEA-PACC V&A Report Kerns Comments
2011	PACC Tuvalu	ToR Tuvalu CC Policy
2011	PACC Tuvalu	Tracking Sheet Q4
2012	PACC Tuvalu	AWP
2012	PACC Tuvalu	FF Q1
2012	PACC Tuvalu	FF Q2
2012	PACC Tuvalu	ICE 1
2012	PACC Tuvalu	Letter of Assurance Olioliga Iosua
2012	PACC Tuvalu	Lofeagai CBA Summary
2012	PACC Tuvalu	Narrative Report Q1
2012	PACC Tuvalu	Narrative Report Q2
2012	PACC Tuvalu	Newsletter Q1
2012	PACC Tuvalu	PACC Tuvalu CBA Calculations Worksheet
2012	PACC Tuvalu	PACC Tuvalu CBA Comments
2012	PACC Tuvalu	PACC Tuvalu CC Policy Te Kaniva
2012	PACC Tuvalu	PACC Tuvalu Lofeagai PACC Pilot Design
2012	PACC Tuvalu	PACC Tuvalu Rainwater Harvesting Key Messages
2012	PACC Tuvalu	PACC Tuvalu Summary
2012	PACC Tuvalu	PACC Tuvalu Travel Report
2012	PACC Tuvalu	PEAR for Lofeagai Water Cistern Project
2012	PACC Tuvalu	QWP 1
2012	PACC Tuvalu	QWP 2
2012	PACC Tuvalu	Tracking Sheet Q1
2012	PACC Tuvalu	Tracking Sheet Q2
2012	PACC Tuvalu	Tuvalu General Payment Voucher Q1
2012	PACC Tuvalu	Tuvalu General Payment Voucher Q2
2012	PACC Tuvalu	Tuvalu Lofeagai Water Cistern Plan
2012	PACC Tuvalu	Tuvalu Lofeagai Water Cistern Plan End Product

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1990	Tuvalu Government	Tuvalu Financial Instructions
2002		Tuvalu Land Tenure System
2003	Sutherland	CCA Vulnerability Literature Review
2003	CBDAMPIC ?	CV&A Research Questions
2003	CBDAMPIC ?	Community Vulnerability Profile
2003	CBDAMPIC ?	Data Needs
2003	CBDAMPIC ?	Adaptive Capacity Notes
2003	Julia Whitty	All The Disappearing Islands Article
2003	K. Raghavan	100% Renewable Energy in Tuvalu, Fiji, and Tonga
2003	LMMA	Human Well-Being
2004		Pacific Regional Energy Assessment Tuvalu
2004	CBDAMPIC ?	Building Resilience Through Community Engagement
2006	Xianfu Lu	Overview of Methodological Frameworks for V&A
2006	SOPAC	Tuvalu Water Security proposal Russell Howorth
2007	Tuvalu Government	Tuvalu NAPA
2007	Tuvalu Government	Tuvalu PIF Biodiversity
		Tuvalu National Strategy Sust Development Kakeega Matrix
2008	Tuvalu Government	Returns
		Developing Climate Scenarios for V&A Assessments
2009		Presentation
2009		Tuvalu CC&SLR Presentation to ICCAI
2009		Tuvalu EU funding Prepares For Drought
2009	Tilling & Fihaki	Tuvalu Nat Biodiversity Strategy & Action Plan
2009	Tuvalu Government	Tuvalu PIGGAREP Project Activity Summary
2010	PIGGAREP	Will Thorp Duty Travel Report
2010		GEF 5 Information
2010	SEI ENDA C3D	Tools for Assessment of V&A Strategies Presentation

2011	Tuvalu Government	PICV Blueprint for CC Adaptation Initiative
2011	Tuvalu Government	Tuvalu Government Stakeholders Functions List
2011	Tuvalu Government	Tuvalu National CC Policy
2011	Sivia Qoro	Tuvalu NBSAP
2011	Tuvalu Government	Tuvalu NSAP for CC & DRM
2011	Tuvalu Government	Tuvalu Peer Review Report
2011	Tuvalu Government	Tuvalu Peer Review Summary
2011		Tuvalu Information
2011		Water Case Study Report Extract
2011		CC Tuvalu Challenges/Problems
2011	Federica Gerber	The DCCEE-IUCN Project
2011	Jane McAdam	Jane McAdam Tuvalu Article
2012		Tuvalu Compost Toilet Plan

PACC MTE Reference List - VANUATU*updated PH 30.August.2012*

YEAR	TITLE
2006	PACC Vanuatu Epi - Prelim Assessment Report
2006	PACC Vanuatu PACC Vanuatu Country Consultation Report
2009	PACC Vanuatu AWP
2009	PACC Vanuatu Inception Meeting Presentation
2009	PACC Vanuatu Inception Report
2009	PACC Vanuatu MoU signatures only
2009	PACC Vanuatu MoU SPREP Memo
2009	PACC Vanuatu Payment Processing Form
2009	PACC Vanuatu QWP 3
2009	PACC Vanuatu Report Q3
2010	PACC Vanuatu 07 Letter SPREP to NACCC
2010	PACC Vanuatu 08 Letter SPREP to NACCC
2010	PACC Vanuatu AWP doc
2010	PACC Vanuatu AWP xls
2010	PACC Vanuatu QWP 3
2010	PACC Vanuatu Vanuatu PACC Road Map Presentation
2011	PACC Vanuatu 03 Letter SPREP to NACCC
2011	PACC Vanuatu 08 letter MIPU to SPREP PACC
2011	PACC Vanuatu AWP
2011	PACC Vanuatu Comms Story Epi - V&A
2011	PACC Vanuatu financial summary sheets
2011	PACC Vanuatu Fixed Assets Inventory
2011	PACC Vanuatu ICE Q4
2011	PACC Vanuatu MYWP & AWP. 1.
2011	PACC Vanuatu PACC Vanuatu presentation
2011	PACC Vanuatu Q3. Project Tracking Sheet
2011	PACC Vanuatu QPR 3
2011	PACC Vanuatu QWP Q3
2011	PACC Vanuatu QWP Q4
2011	PACC Vanuatu RPM Report on Vanuatu
2011	PACC Vanuatu Vanuatu Core Team note
2011	PACC Vanuatu Vanuatu letter to SPREP
2012	PACC Vanuatu 07 Implementation Record
2012	PACC Vanuatu AWP
2012	PACC Vanuatu AWP 2001 & 2012
2012	PACC Vanuatu CBA Prelim Paper
2012	PACC Vanuatu CBA Workplan
2012	PACC Vanuatu EIA TOR draft
2012	PACC Vanuatu FF Q1
2012	PACC Vanuatu FF Q1 b Summary
2012	PACC Vanuatu FF Q2
2012	PACC Vanuatu ICE Q1 COMPARE
2012	PACC Vanuatu ICE. FF. Q3 Q4

2012	PACC Vanuatu	letter SPREP to NACCC Chair draft
2012	PACC Vanuatu	Kaltavara Marine Scoping Study Epi Report
2012	PACC Vanuatu	PEA Report Epi
2012	PACC Vanuatu	Progress Report Q1
2012	PACC Vanuatu	QWP Q1
2012	PACC Vanuatu	Vital Roads video
2012	PACC Vanuatu	Vouchers Q1
undated	PACC Vanuatu	design drawings for Epi Adaptation Demonstration

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	2000	Vanuatu Special EIA ToR
	2006	Fisheries Stock Assessment Guide
	2007	GEF-PAS Vanuatu Priorities list
	2007	NAPA Vanuatu
	2007	Vanuatu MacArthur Coastal CC Project
	2009	NAPA Vanuatu Case Study
	2009	Vanuatu SNC Climate & Prelim SeaLevel Changes
	2010	UN Habitat Cities&CCI Port Vila flyer
	2011	PASAP Vanuatu adaptive capacity assessment
	2011	PI Forum Vanuatu Peer Review Report
	2011	PI Forum Vanuatu Peer Review Summary
	2011	Vanuatu Building Code
	2011	Graham B. Powell Vanuatu Met CC & GeoHaz Legislation report
	2011	Vanuatu MIPU Business Plan
	2011	Vanuatu MIPU Corporate Plan
	2011	CLIMSystems Ltd Vanuatu SNC Training Report V&A Epi Roding etc
	2012	03 Vanuatu Public Road Bill draft
	2012	Republic of Vanuatu Meteorological, GeoHazards CC Bill
	2012	Graham B. Powell Meteorological, GeoHazards CC Bill Clarifications
	2012	Phillip NACCC Existing Projects
	2012	UNDP Vanuatu PIF 28June2012
hard		MSG Declaration on environment, climate change, sustainability
	2012	MSG Climate Unit Vanuatu GEF Small Grants Program Report
	2012	Vanuatu GEF SGP Country Strategy
