



**The International Waters Project  
implementing  
The Strategic Action Programme for the  
International Waters of the  
Pacific Small Island Developing States**

**Quarterly Progress Report  
Second Quarter 2004**

**Integrated Coastal and Watershed Management Component**

**Key Points**

Highlights included:

- Validation of the Train-Sea-Coast course in economics for community based environment and development projects in the Pacific by the UN Division of Ocean Affairs and the Law of the Sea;
- Finalisation of the 'Resource Kit for Facilitators of Participatory Natural Resource Management in the Pacific'. A pre-release version in PDF format was launched on the IWP web page;
- PCU Visits to Tonga, Cook Islands, Palau, FSM, RMI, Kiribati, Solomon Islands, and Papua New Guinea;
- Planning for economic valuation of focal issues;
- Vanuatu, Fiji and Solomon Islands confirmed participation in ICM research project in collaboration with SPREP and the University of Adelaide;
- Monthly IWP pilot project stories being featured on SPREP web page;
- Participation in an SPC hosted roundtable *Bringing Together Socio-Economic and Ecological Data to Provide the Basis for Sound Management Decisions*;
- PCU participation in an informal work session with SPC to finalise a socio-economic manual for assessing subsistence and small-scale artisanal fisheries;
- Acceptance of two papers presented at 2003 the International Conference on the Sustainable Development of the East Asian Seas in Malaysia for publication in *Ocean and Coastal Management Journal*;
- Recruitment of a new Community Communications Specialist to re-invigorate communication elements of the Project; and
- PCU participation in the recent Fiji roundtable conservation meeting, Bishop Museum CI meeting and NBSAP Coordinators Meeting.

## Overview

The Integrated Coastal and Watershed Management (ICWM) component of the International Waters Project (IWP) made reasonable progress during the three months to the end of June 2004. This is the 16<sup>th</sup> of 28 quarterly reporting periods for the Project.

The main national level activities supported by the Project throughout the second quarter focussed on the development and conduct of participatory problem analysis consultations with local stakeholders, ecological, resource and socioeconomic baseline information collection and consideration of higher level issues across the 14 participating countries.

In addition, with the recruitment of a new communications specialist (Steve Menzies) communications activities in many of the countries was intensified. A number of countries have revised their national communication strategies in line with project progress for short and long term national project communications objectives.

The ‘Resource Kit for facilitators of Participatory Natural Resource Management in the Pacific’ was finalised and a pre-release version in PDF format was launched on the IWP web page. The Train-Sea-Coast course in economics for community based environment and development projects in the Pacific was validated by the UN Division of Ocean Affairs and the Law of the Sea. The material that was developed to underpin the course has been submitted to publishing houses.

At the regional level the PCU continued its collaboration with SPC Reef Fisheries Observatory in finalising a socio-economic manual to assess subsistence and small scale artisanal fisheries. In addition, PCU staff participated in discussions on multidisciplinary and interdisciplinary approaches for combining ecological and socio-economic data for fisheries management.

Towards the end of the quarter, the PCU dedicated a considerable amount of time in planning and preparing for the fourth National Coordinators Meeting and the third Multipartite Review, to be held in Samoa in July.

As usual, the PCU provided on-going participation and support to SPREP Corporate activities including the review the Action Plan for Managing the Environment in the Pacific Islands Region, a new change-management process being sponsored by SPREP Management, the drafting of a new Strategic Programme for the Organization; an initial draft for a Resourcing Strategy for SPREP. The PCU also provided input to the PIROF ISA.

## Implementation status

A summary of Programme implementation benchmarks is presented at Attachment A.



## **Communications**

### ***Communications Strategies***

In June the new Community Communications Specialist travelled to Palau, FSM, RMI, Fiji and Tonga. In each country a rapid assessment process was used to assist the National Coordinator develop a revised Communications Strategy for each project. Work has also started on the preparation of Draft Communications Strategies for Tuvalu, Vanuatu, the Cook Islands and Niue. A revised Regional Communications Strategy is also being finalised and will be available late July.

### ***Public Relations***

There is an immediate need to find simple and effective ways to clarify the objectives, processes and benefits of the project to local stakeholders. An initial emphasis will be placed on developing simple “public relations” tools to raise the profile of the project and highlight benefits to target audiences at the local, national and regional levels. These tools will include simple project brochures, presentations, and more effective use of the project website. The IWP website has started to develop a greater focus on publishing news stories that clearly demonstrate the benefits the project is already delivering in the pilot communities. A simple regional IWP brochure is also being developed.

### ***News Media***

A general article on the International Waters Project has been prepared for the *Islands Business* magazine. An article on the IWP Scholarships Programme will be published in the August edition of Pacific Magazine. A greater emphasis will be placed on generating media coverage of newsworthy reports such as the recent findings of the socio-economic baseline assessment for Jenrok in the RMI. Media releases and television talking points were developed for the National Coordinators Meeting and the Multipartite Review held in Samoa. This resulted in excellent local coverage of the project on television, radio and newspapers.

### ***Social Marketing***

In some cases the use of Social Marketing Workshops will also provide a useful tool for promoting the objectives, processes and benefits of the International Waters Project. The Social Marketing Resource Kit (see publications) has now been adapted for the projects’ first Social Marketing planning workshop to be held in Palau in late July. The objective of this workshop will be to encourage the key stakeholders interested in promoting waste reduction behaviours to work together to develop an initial social marketing plan for the Palau International Waters Project. A training guide for Palau has been developed (see national publications listing).

For all projects, it will be a priority next quarter to:

- Complete the revised Communications Strategies;
- Complete the one-page articles for IWP website and local media;
- Complete the one page brochures;



- Complete the 10-slide power point presentations;

There will also be a push to develop regional Media opportunities, including completing the article on IWP Scholarship Scheme for Pacific Magazine. From a corporate perspective, efforts will be made to:

- Develop regional wall map brochure;
- Complete project video proposal;
- Develop communications toolbox on IWP website;
- Media training for PCU;
- Complete speaking register for PCU.

Finally, work of social marketing will be continued in the next quarter:

- Develop workshop training schedules for Vanuatu, Kiribati and Tonga;
- Complete social marketing planning kit for online toolbox.

### **Resource economic issues**

The Train Sea Coast course in economics for community based environment and development projects in the Pacific was validated by the UN Division of Ocean Affairs and the Law of the Sea. As a result the course content and materials can now be distributed world wide through the UN's Curriculum Development Units for replication and re use. In addition, the material that was developed to underpin the course has been submitted to publishing houses for publication into a text book. This will result in a permanent legacy from the course that will not only support participants of the course, but also provide material for individuals who are unable to attend the course in the future.

This quarter the PCU provided support to a number of countries joining the RMI in committing to conduct economic evaluations of resource issues as part of their awareness raising work (Palau, Tonga and the Cook Islands). National coordinators considered terms of reference for the studies and considered staff to undertake them. The information should also prove useful for planning purposes.

In addition the NRE assisted Tonga in commencing work on economic root cause analysis of problems, building on participatory problem analysis activities.

Together with the social assessment and participation specialist, the natural resource economist participated in an SPC hosted roundtable on integrating socio-economic and ecological data in fisheries management. The natural resource economist presented a paper *Economic Data and Community Based Fisheries Management: A Framework for the IWP*.

Priorities for the next quarter include implementation of the planned economic evaluation for RMI (and progress with plans for the Cook Islands, Palau and Tonga),



feasibility assessments of proposed solutions, particularly in relation to income generating activities being discussed already in some countries.

### **Social Assessment and Participation**

The Community Assessment and Participation Specialist continued to provide advice to countries on national facilitator training activities (such as Fiji, Vanuatu, Kiribati), stakeholders consultations on participatory problem analysis (such as Solomon Islands, Kiribati), in the design and implementation of socio-economic baseline assessment (largely in the format of questionnaires) (e.g. Tonga, PNG) and draft reports of assessments (e.g. RMI, Tonga, Tuvalu).

During the quarter the *Resource Kit for Facilitators of Participatory Natural Resource Management in the Pacific* (Mahanty and Stacey 2004) was finalized and a pre-release version in PDF format was launched on the IWP web page.

During April the CAPS spent two weeks in Kiribati to assist in the delivery of a two-week *Workshop on Participatory Planning Processes to Support Implementation of IWP Kiribati Pilot Project* in Bikenibeu West, South Tarawa. The CAPS provided resource assistance to the two contracted facilitators from Partnerships for Community Development Fiji (PCDF) in the design, preparation and delivery of the workshop and facilitated some workshop sessions. The workshop enabled material from the “Resource Kit for Facilitators of Participatory Natural Resource Management in the Pacific” to be trialled. PCDF consultants are currently finalising a report on the training workshop.

Next quarter priorities include:

- Finalisation and distribution of electronic and hard copies of the Resource Kit across the region and seek partnerships for its further development and revision;
- In country visits to Vanuatu and Fiji to assist in design and completion of socio-economic baseline assessments and pilot project management plans; and
- Participation in Coastal Zone Asia Pacific Conference, 2004 and presentation on IWP participatory planning approaches.

### **Administrative Issues**

#### *Staffing*

In late April 2004 a new Community Communication Specialist, Mr Steve Menzies, was appointed to replace Mr Samson Samasoni who departed in January 2004.

A list of Project staff is presented at Attachment B.

*Consultancies (arranged through the PCU)*



In addition to consultancies arranged through national offices, the PCU was associated with the following consultancies during the quarter:

- Dr Sango Mahanty was contracted to assist with monitoring and evaluation components of the National Coordinators Meeting – 4 scheduled for 5-7 July 2004;
- Messers Simone Koto and Floyd Robinson from Partnerships in Community Development Fiji (PCDF) were contracted to work in association with IWP – Kiribati and CAPS in reviewing and planning work for IWP-Kiribati, and training iKiribati stakeholders in participatory planning processes.

### *Financial*

**Table 2.** Disbursements to participating countries April-June 2004

Participating Country	2000	2001	2002	2003	2004*	Total
Cook Islands	0	0	24,421	48,357	34540	107,318
FSM	0	0	48,787	6,411	6991	62,189
Fiji	0	7,029	42,163	46175	44912	140,279
Kiribati	0	0	62,531	49,636	14214	126,381
Marshall Islands	0	1,000	27,556	65,305	10970	104,831
Nauru	0	0	59,830	14,253	2073	76,156
Niue	0	12,726	81,470	79,350	76175	249,720
Palau	0	0	35,027	74,053	2590	111,670
Papua New Guinea	0	0	37,387	112,539	68625	218,551
Samoa	0	1,000	36,158	54,174	29000	120,332
Solomon Islands	0	0	40,349	63,823	24492	128,664
Tonga	0	2,245	43,019	47,877	25709	118,850
Tuvalu	0	0	34,610	55,778	37339	127,727
Vanuatu	0	0	32,448	80,820	44790	158,058
<b>TOTAL</b>	<b>0</b>	<b>24,001</b>	<b>605,757</b>	<b>798,550</b>	<b>442,539</b>	<b>2,104,082</b>

\* To June 30<sup>th</sup>

### *Country Visits*

During the quarter PCU staff traveled to:

- Tonga (April, June)
- Kiribati (April)
- Cook Islands (May)
- Palau (June)
- FSM (June)
- RMI (June)
- Fiji (June)
- PNG (June)
- Solomon Islands (June).



### *Information management*

In 2001 the PCU commissioned the design of a database to store and manage information for projects and programmes of relevance to the IWP/SAP. The development of the IWP Projects Database was undertaken in consultation with SPREP programmes responsible for information services. The integration of the Database to SPREP's corporate strategy for information management, through the Corporate Data Model initiative, was a principal consideration during its design and development.

The PCU continues to actively participate in SPREP's Corporate Data Model initiative – an SPREP agency-wide initiative to improve the organization's information management.

In addition, a Monitoring and Evaluation Plan was drafted for the Project in consultation with Dr Sango Mahanty.

### *Publications*

A summary of Programme publications is presented at Attachment C.

### *Meetings and Workshops*

A summary of meetings, conferences and workshops that Programme personnel participated in during the quarter is presented at Attachment D.

### **IWP Scholarship Scheme**

The IWP Pacific Regional Scholarship Scheme valued at US\$273,000 was announced in March 2003, with each participating country offering US\$19,500 to post graduate students studying a technical topic related to the IWP.

During the quarter, scholarships were awarded by the following countries: Fiji, Kiribati, Palau and Solomon Islands. Fiji scholarship student Duncan Williams will support Fiji IWP's project on waste, fisheries and freshwater by carrying out research at the USP the institutional arrangements for coastal management in Fiji.

For the Solomon Islands project, David Lidimani, a graduate lawyer will complete his Masters at the School of Law, University of the South Pacific, Emalus Campus, Port Vila, Vanuatu. He will be researching legal aspects of the customary marine tenure system especially on empowering community and reef owners on sustainable management of marine resources.

In addition, the Solomon Islands project is supporting Julia Manioli to undertake postgraduate studies in Marine Science at the University of PNG. She will undertake her research on harvesting of beche de mer and other invertebrate marine species in the Solomon Islands. She will be looking at how these resources can be harvested



sustainably through the traditional management systems currently used by communities in Marovo Lagoon

Kiribati student Danfung Binoka will support the waste project in Kiribati by focusing on the role of women in managing waste in an atoll environment.

Palau's Metiek "Kimie" Ngirchechol, will be reviewing water quality and microbial pollution" at the University of Guam's Environmental Science Programme. This fits into the IWP Palau project on waste management.

## Country Activity

**Cook Islands:** This quarter focused on follow up work on participatory problem analyses. The NC and working committee facilitated a PPA workshop with the Child Welfare (Women's) group during April. From this, an action plan was prepared for the group to endorse and implement, in an effort to attract its members back into the organisation. IWPCOOKS will continue to facilitate PPA workshops for the other different groups.

The second quarter newsletter for IWP Cooks was completed in June although the local community newsletter is yet to be completed.

IWP Cooks teamed up with other international programmes, Bio-safety and Biodiversity, to launch a combined media campaign. In the months of May and June the projects organised some activities for Rarotonga Environment Week. This was held from the 21st - 25th June and involved activities for the schools, youth groups and the general public. A calendar and documentary is being produced using the winning string band, art, essay and speech entries from the event. These entries are to be used in the combined media campaign for the last two quarters of the year. Events such as these are used as monitoring tools for the campaign.

**Federated States of Micronesia:** Progress in IWP Yap was hampered this quarter by another typhoon that struck the island a couple of months ago. During the quarter, the IWP national task force met several times, once of which the project manager who visited mid year. The team has spent considerable time this quarter to re-energizing the task force due to the inactive participation of some members. The team has been working on this issue with the help of the PCU who has clarified the roles and responsibilities of the task force.

IWP Yap have also been investigating community baseline information collection work. Together with the PCU, the team has been in contact with consultants in Palau about getting them over to conduct ecological surveys of the four host communities. This is still under negotiating.

A major accomplishment has been the reconciliation of the budget last month. The team has been working in Yap without proper funding due to the budget handed down from the national government. The budget has now been reconciled with the help of



the PCU and the disbursement of funds will soon take place to help with the implementation of the project.

**Fiji:** The quarter started with hiring of Dr Joeli Veitayaki of Marine Studies Program (MSP) of USP to conduct Participatory Project Planning and Design (PPP&D) work at the host village. The PPP&D started on 17 May and is now complete.

The objective of the PPP&D was to build capacity by training local facilitators on how to use participatory social analysis techniques, conduct participatory problem analysis and project mapping exercises to identify root causes of environmental problems in Vunisinu. The IWP scholarship student submitted his progress report to IWP Fiji and PCU. As part of PPP&D 26 facilitators from 5 villages (Vunisinu, Nalase, Suvalailai, Nadoria and Nakorovou) were trained.

The PPP&D provided the opportunity for local project stakeholders to engage in a participatory process to analyse their environmental problems and develop local solutions. A community resource management and action plan produced arising from the consultations is being finalized.

IWP Fiji worked on a number awareness raising activities. This included raising awareness on proper waste disposal methods and existing environment legislations with the non-indigenous Rewa community and production of awareness materials such as mangrove brochure, IWP T-shirt and newsletters. IWP worked in collaboration with OISCA to raise awareness on the importance of mangrove with the Vunisinu community and the neighboring village of Nalase. As part of this activity about 300 mangrove seeds were planted at the site.

IWP Fiji's draft legislative review was sent to Solicitor General's office for comments.

A Mangrove Management Plan Review Stakeholder Consultative Meeting was organized to discuss the existing mangrove management mechanisms in Fiji. IWP Fiji intends to form and/or revive the existing Mangrove Management committee or work with the Wetlands committee that is being administered under Ramsar Convention to ensure proper implementation of the plan.

The National Task Force met once in the quarter and the Project Development Team met four times to discuss the implementation of the community activities. Fiji also confirmed its participation in the ICM study to be undertaken by Adelaide University during 2004-2005.

**Kiribati:** Activities this quarter focused on participatory planning processes for the Kiribati project. Simione Koto and Floyd Robinson from Partners In Community Development Fiji (PCD Fiji) visited Kiribati to conduct a training workshop in collaboration with the PCU. The workshop, which occurred over April to May,



trained 13 facilitators in participatory planning processes. Subsequently, a number of consultations were conducted in the host community (May to June).

Communications activities included the distribution of the findings of a socio-economic survey conducted the previous quarter. In addition, work began on the development of an IWP Kiribati web site. A Masters student was selected for the IWP Scholarship.

**Marshall Islands:** Consultant Ben Chutaro completed the preliminary socio-economic baseline report for Jenrok in late June. This report provided valuable information about the community and has stimulated interest in carrying out similar studies in Majuro. Mr Chutaro has now been commissioned to carry out a detailed waste stream analysis for Jenrok.

The NTF also approved the commencement an economic valuation study to determine the true cost of waste to the economy of the Marshall Islands. It is anticipated that this work will serve as an important means to increase political interest in improving waste management on Majuro.

The PCU Project Manager and the new Communications Specialist, Steve Menzies, visited Majuro in June. Andrew Wright met with the new EPA Deputy General Manager, Ted Tarkon and the EPA Laboratory Manager, Abraham Aicking, to discuss water quality monitoring activities at the Project site. The OEPPC has approved the IWP purchase of a new water distiller for the EPA laboratory in order to improve water monitoring at the site.

The Community Communications Specialist worked with the National Coordinator, EPA, OEPPC staff and other stakeholders to revise the National Communications Strategy for the Project. The need to improve the operation and signage of the Jenrok collection points was identified as an immediate priority.

The National Coordinator is preparing a report to identify all stakeholders involved with managing waste at Jenrok and at the national level.

**Nauru:** There were no activities to report for the first quarter of 2004 for the Nauru-IWP.

**Niue:** Work this quarter focused on the preparation of formal reports following the collection of ecological baseline information (the previous quarter).

Ecological baseline work was covered in the two sites, including visual video coverage of damages caused by cyclone Heta around the reefs on the western side of the island including the two villages of Alofi North and Makefu. A sub-Local Project Working Group comprised of ten members was formed in Makefu village to address all marine issues including IWP. A By-Law Workshop to strengthen legislative capacity for host village stakeholders was conducted, resulting in drafting of a



declaration supported by the Village Council Act/By-Law for the two sites to assist national institutes co-manage a marine reserve.

Consultations were held with the host villages to refine the Participatory Problem Analysis and identify possible options and solutions. Public awareness are made through radio and T.V and it is envisaged that a video will be prepared in near future to inform the public about the root causes and contributing issues impacting on sustainable coastal fisheries.

The National Coordinator participated with the Oceanic Component scoping exercise in order to prepare strategies for submission to next phases. The National Coordinator attended the Climate Change second communications scoping exercise/meeting and findings submitted to GEF council.

**Palau:** In the beginning of the 2nd Quarter of 2004, the national coordinator returned from Apia, Samoa after have completed a one month “Municipal Solid Waste Management Workshop sponsored by JICA and SPREP. As a result of NC’s participation the Government of Palau and Japan in September 2004 will sign “Diplomatic Note” for Japan Government to provide support services to improve and transform Palau’s national landfill into a semi-aerobic landfill or Fukuoka Method.

On administrative matters, the national coordinator met with Ngarchelong Community Facilitator for an update of the February 24, 2004, one-day workshop on the “Roles & Responsibilities” of Ngarchelong Project Development Team. The workshop resulted in the identified members Project Team in affirming of their active partnership for Ngarchelong Project Development Team.

One of the major accomplishments for the quarter was the audit completion for Palau IWP for 2002 and 2003. With the assistance of PCU, an independent Auditing Firm was identified and brought to Palau to review the financial statements. The 2002 – 2003 audit report is now at PCU and awaiting approval.

In relation to community awareness, national coordinator actively participated in the coordination of Earth 2004 during April. This year’s theme was “Watch your Waste.” Prior to the NC departure for Apia for the “Municipal Solid Waste Management Workshop”, NC co-chaired the publicity committee of the group. The activities included Earth Day Extravaganza, community and school visits, radio campaigns and publications.

**Papua New Guinea:** Most of the activity in the second quarter was focused on project awareness and baseline data collection. A waste management survey was carried out in early May and report compilation is currently in progress. Phase one of the marine survey has been completed and the second phase should be carried out early in the third quarter.

In addition, a survey questionnaire on the socio-economic status of the pilot project site was formulated by a consultant from UPNG, Dr. Billy Manoka in conjunction



with IWP PNG team. Comments were sought from PCU and several adjustments were made. Following a test run on a sample of households and further refinement of the questionnaire if necessary, a full-scale survey will be undertaken.

In addition, the difficult access to a clean and reliable water supply source by the majority of the village community, particularly in the long seven month dry season, was investigated. After consultation with the PCU, it was agreed that the project will assist with the purchase and installation of a central community water supply tank which will be filled with water carted from Port Moresby. People can obtain water from the tank at a fixed and affordable cost. The money collected will be used to refill the water tank as required, meet operational and maintenance expenses as well as policing costs associated with the proposed MPA covering the reef and mangrove system. A postgraduate scholarship package offering a Masters degree and two Honours degree places was finalised with UPNG. Advertisement of the package is planned for the end of July.

**Samoa:** Among other things, IWP-Samoa has been focused on assessing solutions this month. It has liased with the Samoa Water Authority (SWA) to identify the costs of a possible new reservoir around Lepa and to identify some technical considerations.

Following consultation with PCU in June, additional socio-economic information was collected from the site. Both sites are still engaged in tree planting. The communities and the IWP team are considering which are the best solutions to address water management. There were two NTF meetings in quarter. Participation was strongly encouraged by the chairman.

**Solomon Islands:** The Solomon Islands has focused this quarter on community consultation. An initial participatory problem analysis was conducted with both host communities and work on identifying future project activities has therefore now begun. It is envisaged that most of the pilot activities will be clustered into the following groups: education and awareness, legal and policy work, establishment of MPA (permanent and seasonal closure) and the identification of alternative income generating activities.

Because of the focus on fisheries work, it was agreed during the quarter that IWP Solomon Islands will be relocated to the Department of Fisheries and Marine Resources. However, the work of IWP Solomon Islands will remain closely linked with the Department of Forest, Environment and Conservation.

A second student, David Lidimani has been funded under IWP Scholarship has now left for Vanuatu to undertake Masters of Law (LLM).

IWP Solomon Islands has been targeting collaboration with other organisations. This includes collaboration with: SOPAC (EU Reducing Vulnerability Project in Pacific Island states) and with the University of Queensland Centre of Marine Studies (Development of environmental management initiatives that will conserve the marine biodiversity and productivity of Marovo Lagoon, Solomon Islands).



The Solomon Islands also confirmed its participation in the ICM study to be undertaken by Adelaide University during 2004-2005.

**Tonga:** The second quarter of 2004 saw continued work on the draft socio-economic and waste characterization report. Comments from PCU are now being incorporated to the draft before it is finalized and considered for publication.

The post of administration manager for IWP Tonga was not filled. Interviews for the post were conducted in early May but interviewees lacked appropriate experience and qualification. The post was subsequently split into two at a lower salary scale and re-advertised for in June. Two applicants were selected to fill the positions and will commence work in Mid-July.

The Audit report for 2003 IWP accounts was finally submitted to the lead agency and a copy was forwarded to PCU/SPREP in May.

The PCU Resource Economist, Ms. Paula Holland visited Tonga in May to follow-up on assessing economic issues for Tonga Project. An expression of interest has been advertised for a local consultant to conduct a scoping exercise in preparation for economic evaluation of waste for Tonga in the coming quarter.

PCU Community Communication Specialist, Mr. Steve Menzies visited Tonga in June to work with the NC in updating the National Communication Strategy and develop a social marketing work plan.

Discussion with Tonga Community Development Trust is underway to develop a working partnership in carrying out one of the waste-reduction solution, household/community composting that will be demonstrated at the pilot village.

**Tuvalu:** The Project in Tuvalu has experienced significant challenges engaging the community in the Project. The main reason for this is the protracted consultation process that is practised on Funafuti – each Project step has to pass through several Government and community committees.

Despite these challenges, the Project moved ahead during the quarter verifying the problems identified by the Funafuti community during the Participatory Problem Analysis workshop executed in December 2003. The workshop highlighted a number of environmental concerns faced by the community caused by wastewater.

To improve the understanding of the concerns identified during the PPA workshop a baseline assessment was conducted during a 5-week period that commenced in mid-April. The IWP contracted five local consultants to undertake the baseline assessment.

The Project also commenced examining existing national policy and institutional issues as possible sources of problems contributing to the root cause for waste



management concerns on Funafuti. The general absence of policy and legislation targeting waste management appears to be one of the major concerns identified to date.

**Vanuatu:** This quarter the project focused on stakeholder consultations at the national, provincial and community level. The purpose of the consultations was to identify the root causes of unsustainable use of coastal marine resources in Vanuatu and to determine the suitability of establishing the taboo (no take, no entry) rules to protect resources in Crab Bay.

At the national level, consultants undertaking a review of environment related legislation met with national level various stakeholders to consider the status and impact of implementation of different legislation. The final report was submitted in mid June.

Also during the quarter, a week-long workshop was undertaken at provincial headquarters to train local facilitators in the use of different participatory tools to assist in the collection of baseline information. Subsequently, nine village consultation workshops were undertaken by the facilitators with support from the government and extension and provincial officers. Nine village resource profile reports were submitted in May. With the information gathered, a two day workshop was held with Crab Bay community representatives to undertake a participatory problem analysis to identify the root causes of the decline of marine resources in Crab Bay community. A SWOT analysis was also undertaken to understand the strengths and weaknesses of the existing marine taboo in Crab Bay. A draft report of the PPA consultations was submitted in June. In addition a facilitator resource kit in English and Bislama used to conduct training is being finalized. This Kit is based on the 2003 Sub regional workshops coordinated by SPREP and will be of interest to similar projects and organizations in Vanuatu.

A national task force meeting was convened in early June to update the NTF on the activities undertaken at the community and initiated the planning for the baseline activities towards the pilot project implementation.

In May the IWP newsletter issue No.1 was printed and distributed to inform stakeholders at both the national and local levels on the different activities undertaken by the IWP project.

The IWP Vanuatu also confirmed its participation in the ICM study to be undertaken by Adelaide University during 2004-2005.

### **Supplementary work**

#### ***ICM***

Three countries, Fiji, Vanuatu and the Solomon Islands committed this quarter to participate in a research project in conjunction with SPREP and Adelaide University.



The study focuses on an institutional arrangements and environmental management initiatives in Pacific Island countries in order to understand the barriers and opportunities to achieving a common and cooperative approach to ICM in the region.

### ***Regional Re-cycling Study***

This study, being undertaken in collaboration with SPREP's Waste Management and Pollution section, is focusing on waste oil recycling in Federated States of Micronesia, Palau and Marshall Islands. The trans-boundary movement of waste oil will be subject to the Waigani and Basel Conventions. The waste oil recycling plant in Guam is still not operational and this is delaying further progress with the feasibility study. Project proponents continue work on improving the recycling process at the Guam plant in order to meet these technical specifications.

### **The next quarter**

The next quarter will target the continued collection of baseline information as well as the identification and consideration of solutions to be piloted at the community level. It is likely that there will be increased focus on the discussion and assessment of solutions.

At the same time, there will be an increased focus on strategic level issues, particularly as the collaborative study with the University of Adelaide (institutional issues in integrated coastal watershed management) comes into effect.



## Implementation Status

Table 1. Summary of status of initial project activities

Country	Government profile	NGO profile	Environmental legislation review	Review of priority environmental concerns completed	National Communication strategy	Initial Stakeholder Assessment	Project Database
Cook Islands			In preparation	✓	✓	✓	
FSM				Not done	✓	✓	
Fiji	✓	✓	In preparation	✓	✓	✓	✓
Kiribati				✓	✓	✓	
Marshall Islands			In preparation	✓	✓	✓	
Nauru			In preparation	✓	✓	✓	
Niue	✓	✓	In preparation	✓	✓	✓	
Palau			In preparation	✓	✓	✓	
PNG				✓	✓	✓	
Samoa			✓	✓	✓	✓	
Solomon Islands			✓	✓	✓	✓	
Tonga	✓	✓		✓	✓	✓	✓
Tuvalu	✓	✓		✓	✓	✓	
Vanuatu	✓	✓	In preparation	✓	✓	✓	✓

**Table 2.** Progress of International Waters Programme (as at 30th June 2004)

Country	MoU signed	National Coordinator recruited	National Task Force (or equivalent) established	Expressions of interest from communities	Pilot project appraisal	Host community selected
<b>Cook Islands</b>	Mar 02	Oct 02	✓	✓	Complete	Takuvaine
<b>FSM</b>	Nov 01	Sept 03	✓	✓	Complete	Gagil, Rumung, Maap and Gilman
<b>Fiji</b>	Oct 01	Jun 02	✓	✓	Complete	Vunisinu Rewa
<b>Kiribati</b>	Sept 01	Oct 03	✓	✓	Complete	Bikenibeu West
<b>Marshall Islands</b>	July 01	Jan 03	✓	✓	Complete	Jenrok
<b>Nauru</b>	Feb 02	Apr 02	✓	✓	Complete	Bauda
<b>Niue</b>	Nov 01	Feb 02	✓	✓	Complete	Makefu and Alofi North
<b>Palau</b>	Oct 01	Mar 02	✓	✓	Complete	Ngarchelong and Madalaii
<b>PNG</b>	Mar 02	Jun 02	✓	✓	Complete	Barakau
<b>Samoa</b>	Jun 01	Dec 01	✓	Selection by the lead agency		Apolima and Lepa
<b>Solomon Islands</b>	Mar 02	Aug 02	✓	✓	Complete	Chea and Billy Passage
<b>Tonga</b>	Nov 01	Feb 02	✓	✓	Complete	Nukuhetulu
<b>Tuvalu</b>	Mar 02	Apr 02	✓	✓	Complete	Alapi/Senala
<b>Vanuatu</b>	Mar 02	Jul 02	✓	✓	Complete	Crab Bay



**Table 3.** Selected IWP Focal Areas

Participating Country	IW Focal Area			
	Freshwater	Waste	MPA	Coastal fisheries
Cooks Islands	●			○
FSM			●	○
Fiji	○	●		○
Kiribati	○	●		
RMI		●		
Nauru	○	●		○
Niue				●
Palau		●		
PNG	○	●		○
Samoa	●			
Solomon Islands				●
Tonga	○	●		
Tuvalu	○	●		
Vanuatu	○		○	●

[● primary focal issue; ○ secondary]



### Programme Staff

A listing of Programme staff as of June 30<sup>th</sup> 2004

**Table 1.** Staff associated with national components of the IWP.

Country	National Coordinator	Assistant
Cook Islands	Tauraki Raea	Deyna Marsh
Federated States of Micronesia	Vitus Foneg	<i>vacant</i>
Fiji	Sandeep Singh	Marilyn Cornelius
Kiribati	Ritia Bakineti	Arawaia Moiwa
Marshall Islands	Tarry Lani	<i>vacant</i>
Nauru	Greta Harris	Serenaid Dowabobo
Niue	Sione Leolahi	Logopasi Seumanu
Papua New Guinea	Narua Lovai	Annie Kauilo
Palau	Joseph Aitaro	No appointment
Samoa	Faraimo Tiitii	Petaia I'amafana
Solomon Islands	Kenneth Bulehite	Corina Rechenberg
Tonga	Sione Fakaosi	<i>vacant</i>
Tuvalu	Kelesoma Saloa	Falealili Uili
Vanuatu	Leah Nimoho	Primrose Malosu

**Table 2.** Project Coordination Unit staff based in Samoa.

PCU Staff	Name
Project Manager	Andrew Wright
Community Assessment and Participation Specialist	Dr Natasha Stacey
Natural Resource Economist	Paula Holland
Community Communications Specialist	Steve Menzies
Programme Assistant	Rosanna Galuvao
Programme Accountant	Rama Va'a



**Publications (2000-2004)**

***Country reports and publications***

Cook Islands Priority Environmental Concerns Report

Marshall Islands Socio-economic Baseline Report

Nauru Waste Analysis Report

Niue International Waters Project (2003). The Niue Experience in the Involvement of communities, paper presented to the South Pacific Commission Regional Policy Meeting on Coastal Fisheries Management, 17-21 March 2003, Fiji Mocombo, Fiji, IWP Solomon Islands.

Niue Participatory Situation Analysis Report

Niue Priority Environmental Concerns Report

Niue Summary of Recommendations for Selection of Host Sites

Papua New Guinea Priority Environmental Concerns Report

Samoa Legislative Review (Phase 1 & 2)

Solomon Islands International Waters Project (2003). Solomon Islands Experience In Community And Related Coastal Fisheries Management, paper presented to the South Pacific Commission Regional Policy Meeting on Coastal Fisheries Management, 17-21 March 2003, Fiji Mocombo, Fiji, IWP Solomon Islands.

Tonga Participatory Problem Analysis Report

Tuvalu Baseline Assessment Report

Tuvalu Government Profile

Tuvalu NGO Profile

Tuvalu Participatory Problem Analysis Report

Tuvalu Priority Environmental Concerns Report

***IWP publications***



Bleakley, C. (*In preparation*). Review of critical marine habitats. Overview document commissioned during Project design in 1997.

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Dalzell, P. and D. Schug. (2002). A synopsis of information relating to sustainable coastal fisheries. In. Wright, A. and N. Stacey. (Eds.). *Issues for Community-based Sustainable Resource Management and Conservation: Considerations for the Strategic Action Programme for the International Waters of the Pacific Small Island Developing States*. Volume 4. IWP Technical Report 2002/04, 38 pp. The International Waters Project, South Pacific Regional Environment Programme, Apia, Samoa. 6 volumes.

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Howorth, R. (*In preparation*). Review of Non-Living Resources and threats in the Pacific Region. Overview document commissioned during Project design in 1997.

Hunnam, P and Schuster, C 2004. IWP, UNDP/GEF Mid Term Evaluation Report June 2003, SPREP, Apia.

Huber, M. and K. McGregor. (2002). A synopsis of information relating to marine protected areas. In. Wright, A. and N. Stacey. (Eds.). *Issues for Community-based Sustainable Resource Management and Conservation: Considerations for the Strategic Action Programme for the International Waters of the Pacific Small Island Developing States*. Volume 1. IWP Technical Report 2002/01, 132 pp. The International Waters Project, South Pacific Regional Environment Programme, Apia, Samoa. 6 volumes.



International Waters Project. (2001). Inception Report. United Nations Development Programme and the South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. 70 pages.

International Waters Project. (2001). *First Regional Task Force Meeting. 26-27 March 2001, Apia, Samoa.* South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. 23 pages.

International Waters Project. (2001). Administration Procedures for National Coordinators and Participating Countries. United Nations Development Programme and the South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. 20 pages, 13 Appendices.

International Waters Project (2002). Communication Strategy. Version 1.02. South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. March 2002. 29 pages.

International Waters Project (2002). Social Assessment and Participation Strategy. Version 1.00. South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. March 2002. 55 pages.

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International Waters Project. (2004). Promoting Waste Reduction in Palau. Social Marketing Trainers Guide, Palau International Waters Project.

International Waters Project (2004), 'Economic data and community based fisheries management: a framework for the IWP', paper prepared by Paula Holland and presented to the South Pacific Commission Scientific Roundtable Discussion: *Bringing Together Socio-Economic and Ecological Data to Provide the Basis for Sound Management Decisions*, 2-4 June 2004, SPC Headquarters Nouméa, New Caledonia, SPREP, Samoa.

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Preston, G. (*In preparation*). Review of fisheries management regimes. Overview document commissioned during Project design in 1997.

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**Meetings, Conferences and Workshops (April to June 2004)**

*National Biodiversity Strategic Action Plan Coordinators and Pacific Islands Roundtable for Nature Conservation Working Group Meeting, 27-29 April 2004*

The meeting, held at SPREP headquarters, was attended by 11 country representatives (American Samoa, Federated States of Micronesia, Cook Islands, Tonga, Solomon Islands, Niue, Vanuatu, Palau, Tuvalu, Samoa and Kiribati). Roundtable Working Group Representatives included the Department of Conservation (NZ), The Nature Conservancy, Conservation International, SPREP, UNESCO, WWF – South Pacific Programme, FSPI and the University of the South Pacific. A representative from Australia’s Department of Environment and Heritage also took part in the meeting.

The Meeting had the following objectives

- Sharing experiences, progress, lessons learned and problems/highlights with NBSAP formulation and implementation.
- Raising awareness of regional initiatives relevant to NBSAP implementation, monitoring and evaluation, in particular the Action Strategy for Nature Conservation in the Pacific Islands Region 2003 – 2007, the Pacific Island Round Table for Nature Conservation. We will also look briefly the implications of other regional and international processes CSD, BPOA, CBD Calendar of events 2005 to 2010 and others.
- Identifying appropriate mechanisms for organizations involved in the Roundtable to assist and support NBSAP implementation.
- Engaging national stakeholders in the Roundtable process and the implementation and monitoring of the new Action Strategy for Nature Conservation in the Pacific Islands Region 2003 – 2007 – making the connection between national conservation/environment policies and priorities and the regional Action Strategy more obvious.

The key output of this meeting is a list of actions that participants (both NBSAP coordinators and Roundtable Working Group members) made a commitment to undertake and which will substantially contribute to address some of the priority problems identified. This meeting also began to address the issue of regional conservation mechanisms (Roundtable, Action Strategy) and their connection to national efforts.

*Informal work session on socio-economic manual (2 June 2004), SPC Headquarters*

The Community Assessment and Participation Specialist (CAPS) and Natural Resource Economist (NRE) have been collaborating with SPC Reef Fisheries Observatory on the development of a manual for socio-economic assessment of subsistence and small-scale artisanal fisheries since late 2003. The work session held



prior to the Roundtable meeting enabled contributors to meet face to face for the first time to finalise the draft manual. The meeting focused on content changes, additions to the final draft, structure, and a proposed format for publication. It is anticipated the manual will be available mid-late 2004.

The manual focuses on a series of questionnaires that can be used to assess the status of reef and lagoon resources. While not a specific output of the SPC DemEcoFish Project (due to end in July 2004) it has developed out of the Project and material is essentially based on questionnaires and approach trialled under the DemEcoFish project during 2000-2003.

*Scientific Roundtable Discussion: The Status of Marine Resource: User Relationship: Bringing together socio-economic and ecological data to provide the basis for sound management decisions (3-5 June 2004), SPC, Nouméa*

The CAPS and NRE participated in these discussions. The Objective of the meeting was to use the experiences made in the framework of the SPC DemEcoFish project and related multidisciplinary and/or interdisciplinary projects to jointly identify major challenges in the design, implementation, analysis and interpretation of socioeconomic and ecological data; to highlight problems likely to continue and to discuss possible solutions. The outcomes of the roundtable discussion are:

- A website for the ongoing discussions of the scientific roundtable:  
[http://www.spc.int/coastfish/Sections/reef/roundtable/on\\_going.shtm](http://www.spc.int/coastfish/Sections/reef/roundtable/on_going.shtm).  
This web site includes all background information, PowerPoint presentations and papers from the meeting, as well as the documentation of the discussions.
- A Summary of Discussion (being prepared by SPC and will be available on the website soon).

The major output of the Roundtable will be a paper to be published in the *Ambio Journal* which summarise the major findings of meeting. This is currently under preparation.

*Eighth Pacific Islands Roundtable for Nature Conservation. Hosted by WWF South Pacific and the World Council of Churches, 14-18 June 2004, Suva, Fiji*

The Community Communications Specialist attended this meeting on behalf of IWP. The Roundtable provided a useful opportunity to network with NGO's working on conservation issues throughout the Pacific.

The Roundtable was very positive in terms of building effective relationships with the World Council of Churches. The Council is keen to hold a high level meeting with SPREP and church leaders within the next 9 months to discuss how to raise awareness on environment issues. In the meantime the Council has request a SPREP



representative to the WCC working group to advise on education materials and approaches to educate Church leaders on environment issues

A real need was identified for Roundtable organisations to promote the action strategy across all countries, to identify and prioritise target groups, and plan innovative ways to communicate with them. Despite the lack of functioning Communications Working Group several individuals volunteered to work on specific awareness raising tasks.

- Easter Galuvao, from UNDP, volunteered to encourage lead agencies to raise awareness of NBSAP in-country - Cooks, Niue, Samoa
- Frank Wickham from SPREP and Taholo Kami, from the WCC, volunteered to develop an awareness raising and training workshop for church leaders in the region.
- Kate Brown from SPREP volunteered to make a website available at SPREP for Roundtable information and provide general awareness about RT meeting via networks, webpage etc.

A small group was also set up to develop terms of reference to get one dedicated person to focus on developing measures of success for the Action Strategy.

