

**GLOBAL ENVIRONMENT FACILITY
UNITED NATIONS DEVELOPMENT PROGRAMME
SOUTH PACIFIC REGIONAL ENVIRONMENT PROGRAMME**

**THE INTERNATIONAL WATERS PROJECT
IMPLEMENTING THE STRATEGIC ACTION PROGRAMME (SAP) FOR THE
INTERNATIONAL WATERS OF THE PACIFIC SMALL ISLAND DEVELOPING
STATES**

THIRD MULTIPARTITE REVIEW

5-9 July 2004

[Apia, Samoa]

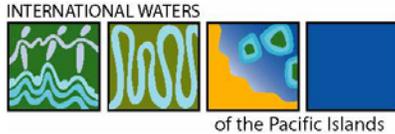
Fourth National Coordinator's Meeting

5-7 July 2004

Agenda Item 2

Working Paper 1

**Project Overview
[ICWM Component]**



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

Project Overview (2003-2004)

Integrated Coastal and Watershed Management Component

Highlights included:

- Finalization of the Mid-term Evaluation for the ICWM Component;
- Completion of the Terminal Evaluation of the OFM Component (Phase I);
- Commencement of the examination of regional issues associated with ICWM;
- Continuing Project support to the Marine Sector Working Group – particularly through the Pacific Islands Regional Ocean Forum;
- In association with the United Nations Division of Ocean Affairs and the Law of the Sea (UN/DOALOS) and the University of the South Pacific (USP), the design and delivery of a course for economics in community-based resource management projects;
- Preparation and delivery of sub-regional and national workshops for i) participatory processes and developing local facilitator skills, and ii) social marketing for behavioral change in relation to resource management and conservation;
- Ecological baseline surveys commenced;
- Socio-economic baseline surveys commenced;
- Planning for economic valuation of focal issues commenced;
- Informal partnership with TNC to support the Yap project;
- Re-design of the Project website;
- Production of several significant publications describing IWP strategies and processes (participatory processes in natural resource management and social marketing to support behavioral change);
- Participation in SPREP Secretariat managed review of the Action Plan for Managing the Environment in the Pacific Islands Region, the development of Programmatic Strategies for the Organization and the preparation of a Resourcing Strategy for SPREP;
- Disruptions to four Project sites (Niue, Samoa, Vanuatu and Yap) due to major cyclones/typhoons; and
- Recruitment of a new Community Communications Specialist to re-invigorate communication elements of the Project.



Overview

The Integrated Coastal and Watershed Management (ICWM) component of the International Waters Project (IWP) that is Implementation of the Strategic Action Programme (SAP) made reasonable progress during the 12 months to the end of June 2004.

The start of the reporting period focussed on addressing the recommendations of the Mid-Term Evaluation, which was discussed at the Second Multipartite Review that convened at Nuku'alofa, Tonga, 26-27 June 2003. A separate report on Project actions to attempt to address the recommendations of the MTE will be presented to the Third Multipartite Review (MPR) at Apia, Samoa, 8-9 July 2004 (refer IWP/MPR3/2004/WP4).

In addition, the Project Coordination Unit (PCU) managed the Terminal Evaluation of the first phase of the Oceanic Fisheries Management (OFM) Component of the Project in early 2004. The Evaluation report is to be tabled at the Apia MPR (refer to IWP/MPR3/2004/WP2).

In terms of outcomes and achievements, highlights for national level activities during the current reporting period included:

- Completion of the selection of the focal issue(s) to be addressed by pilot activities (see Attachment A);
- Completion of the selection of communities to host pilot activities (see Attachment A);
- stakeholder participation and participatory situation assessment activities in communities hosting the Project in each of the 14 participating countries;
- planning and execution of social, economic and biological baseline work across all 14 countries – including considerations for selecting options to address root cause problems; and
- enhancing information dissemination from the Project with some countries producing national IWP newsletters and establishing national Project websites.

At the regional level:

- The design and delivery of a new course for economic considerations in community-based resource management and conservation projects. The course is the first of its kind to focus on Pacific Islands resource management considerations. It involved 19 practitioners from government agencies (including six IWP National Coordinators), non-government organizations and tertiary institutions at the University of the South Pacific (USP) Suva. It will now be integrated to the USP's curriculum as an elective supplement for post-graduate environment management course work;
- development of a social marketing kit supporting behavioural change initiatives to improve environmental and resource management in the Pacific



Islands region. The development of this kit was assisted through a sub-regional workshop, facilitated by the SPREP Environmental Education and Awareness Officer, and involving environmental communications personnel from New Zealand, Kiribati, Fiji, Palau, Cook Islands, and Vanuatu;

- the development and publication of a toolkit for facilitators involved in participatory resource management initiatives. This collaborative initiative with other SPREP projects and external stakeholders used the resource material prepared for the 2003 IWP Train-the-Trainer workshops as its primary source material;
- Project participation in the Pacific Islands Regional Ocean Forum;
- in collaboration with the University of Adelaide, the commencement of arrangements for an assessment of national and regional policy development and implementation in respect of ICWM in a selection of IWP participating countries; and
- 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 and an initial draft for a Resourcing Strategy for SPREP.

Implementation status

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

Communications

During the year communication products included: an electronic newsletter, voice conferencing through the internet, and the IWP web site at SPREP; hard copy newsletters and periodic updates by email.

During the first quarter of 2004 further work was completed towards a Pacific social marketing model – a collaborative initiative with New Zealand’s Ministry for the Environment. A staff member from the Ministry was seconded to SPREP for six weeks in the last quarter of 2003 to assist in the development of the Resource Kit. The Kit was refined during a meeting of regional environmental education and awareness officers at Suva, Fiji in March. SPREP’s Environmental Education and Awareness Officer, Seema Deo, facilitated the Meeting. The result of this work will be a Social Marketing Kit scheduled for release in early July 2004.

For a third year in a row, the PCU distributed an annual IWP Calendar. The PCU also contributed general interest articles to the 2003 SPREP Annual Report.



Table 1. IWP 2002/2004 website statistics

Activity	2002		2003				2004			
	[Quarter]		[Quarter]				[Quarter]			
	3	4	1	2	3	4	1**	2	3	4
Successful Hits	6,717	6,319	*	10,923	11,778	13,703	10,928			
Number of User Sessions	2,339	2,858	*	4,505	4,684	5,333	4,008			
Hits per Day – average	73	85	*	121	136	148	130			
User Session Length – average (min)	13:04	12:21	*	14:16	9:42	8:38	13:86			

* statistics unavailable at time of report preparation

** January figures unavailable

Resource economic issues

Project activities focused on providing technical support to build capacity and awareness in economic issues relating to projects. This included the involvement of the natural resource economist in the design, and subsequent delivery, of a new course for the Pacific – *Economics for community based environment and development projects in the Pacific*. The course was presented at the University of the South Pacific in Fiji (Suva) to 19 participants spanning 11 countries, seven NGOs and several Pacific island government departments. The course contained practical exercises to analyze case studies and focused on participant projects as well to enable participants to see how economics could be used to better plan resource management projects. UN/DOALOS has given approval for the course material to be converted to a text book.

Efforts were made to increase economic input to projects. A number of countries expressed interest in conducting economic evaluations of resource issues as part of their awareness raising work. The information should also prove useful for planning purposes. So far, the evaluation work has progressed further in the Marshall Islands where an initial scoping study has been undertaken to evaluate the economic cost of waste on Majuro. Formal evaluation work is currently being planned. Evaluations of the economic cost of waste are also planned for Palau and Tonga. Other evaluations of resource uses under the IWP are also under discussion.

Some work has commenced on economic root cause analysis problems, building on participatory problem analysis activities. Work has commenced in Tonga and plans have been established for the work in PNG.

As also noted below, the natural resource economist, together with the community assessment and participation specialist, collaborated with SPC on the development of a manual for socio-economic assessment of subsistence and small-scale artisanal fisheries.



Social Assessment and Participation

The focus of work has been on supporting social assessment and stakeholder participation activities in initial stages of pilot project implementation in participating countries. This has included support for community participation in activities such as baseline assessments – and developing participatory roles in subsequent monitoring activities. It is positive to report that some of these initiatives have been undertaken in collaboration with others working on participatory resource management initiatives in the region – such as The Nature Conservancy and Partnerships for Community Development (Fiji).

The Community Assessment and Participation Specialist and Natural Resource Economist have been collaborating with SPC on the development of a manual for socio-economic assessment of subsistence and small-scale artisanal fisheries. It is anticipated the manual will be available mid 2004.

Administrative Issues

Staffing

In the second quarter of 2004 a new Community Communication Specialist, Mr Steve Menzies, was appointed to replace Mr Samson Samasoni who departed in late 2003.

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 year:

- The contracting of Mr Peter Hunnam and Mr Cedric Schuster to undertake the MTE, April to July 2003;
- The contracting of Dr Sandra Tarte and Dr Philip Tortell to undertake the terminal Evaluation of the OFM Component (Phase I);
- Through an arrangement with the New Zealand Ministry of Environment, Mr Steve Menzies, Communications Expert, continued work on the development of the Social Marketing Resource Kit for community-based resource management and conservation initiatives in an island context. The development work took place during a sub-regional development workshop at Suva, Fiji;
- Dr David Fisk worked with the Niue IWP to undertake a second phase of the marine baseline assessment. Following the devastation caused by Cyclone Heta in early January 2004, the assessment was expanded to include a broader national assessment of the state of the coastal environment at Niue. The original baseline work was confined to the two sites hosting the community-based activities of the Project on Niue - Alofi North and Makefu.



- Dr Sango Mahanty continued to work on the final drafting of the ‘Resource Kit for Facilitators of Participatory Natural Resource Management in the Pacific’.
- Dr Mahanty was also contracted to assist with monitoring and evaluation components of the NCM4 agenda.
- Alice Leany worked with the Nauru IWP in November 2003 to complete a waste stream assessment at the Bauda community.
- The contracting of Wana Sivoi and Floyd Robinson from Partnerships in Community Development Fiji (PCDF). Messers Sivoi and Robinson were contracted to work with Dr Stacey in reviewing and planning work for IWP-Kiribati, plus training I Kiribati stakeholders in participatory planning processes.

Financial

Table 2. Disbursements to participating countries January 2000 to June 2004

Participating Country	2000	2001	2002	2003	2004*	Total
Cook Islands	0	0	24,421	48,357	34,540	107,318
FSM	0	0	48,787	6,411	6,990	62,189
Fiji	0	7,029	42,162	44,943	44,911	140,279
Kiribati	0	0	62,531	49,635	14,214	126,381
Marshall Islands	0	1,000	27,556	65,304	10,969	104,830
Nauru	0	0	59,830	14,253	2,072	76,155
Niue	0	12,726	81,469	79,349	76,174	249,720
Palau	0	0	35,027	74,052	2,589	111,669
Papua New Guinea	0	0	37,387	112,539	68,625	218,552
Samoa	0	1,000	36,158	54,174	29,000	120,332
Solomon Islands	0	0	40,349	63,823	24,491	128,664
Tonga	0	2,245	43,019	47,876	25,709	118,850
Tuvalu	0	0	34,610	55,777	37,338	127,726
Vanuatu	0	0	32,448	80,819	44,789	150,058
TOTAL	0	24,001	605,757	798,550	191,364	1,850,726

* To June 30th

Country Visits

During the year PCU staff traveled to:

- Cook Islands (September 2003, May 2004)
- Federated States of Micronesia (Yap) (July 2003, June 2004);
- Fiji (October, November and December 2003 and February, March and June 2004);
- Kiribati (November 2003 and April 2004);
- Marshall Islands (October and November 2003 and June 2004);
- Nauru (November 2003),



- Niue (September, December 2003 and March 2004);
- Palau, (July 2003 and May 2004);
- Papua New Guinea (June 2004);
- Samoa (periodic);
- Solomon Islands (November 2003 and June 2004);
- Tonga (May 2004 and June 2004)
- Tuvalu (November 2003); and
-  Vanuatu (August 2003 and June 2004).

In addition, the Project Manager participated in the first scoping workshop for the second phase of the Ocean Fisheries Management component of the Project. The meeting was convened by the Forum Fisheries Agency at Nadi, Fiji in March 2004.

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 Database was distributed to National Coordinators in April/May 2002. Three participating countries have contributed to the Database to date – Fiji, Tonga and Vanuatu. The Database now has 500 unverified records.

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, an information management strategy has been drafted for inclusion in a Monitoring and Evaluation Plan being refined for the Project.

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.

Tuvalu was the first participating country to announce the award of the scholarship during the third quarter of 2003.

During the first quarter of 2004, Tonga confirmed support for two students to enable them to complete their studies in the areas of broad interest to the Tonga IWP – prevention of the degradation of water quality from, in the case of one student, marine pollution, and the other, agricultural chemical contamination of groundwater.

Also during early 2004 Fiji selected a student to examine integrated coastal and watershed management policy and practice, Cook Islands selected a student to examine linkages between activities in the Takuvaine watershed and coastal fisheries and Solomon Islands and Vanuatu were in the final stages of student selection.

The PCU is currently summarizing scholarship details for all successful applicants.

Country Activity *(This section will be up dated to take into account second quarter 2004 activities following the presentation of country reports to NCM4 and MPR3 in July 2004. The summaries below are based on activities up to the end of the first quarter 2004).*

Cook Islands: Deyna Marsh, a USP Fiji graduate, joined the Project as the Assistant Coordinator for IWP CI in the second quarter of 2004.

Work this year has focused on strengthening social structures within the host community of Takuvaine. In September 2003, a participatory problem analysis with the community indicated a strong perception that the absence of an effective community structure was a key factor in poor attitudes to water management and behaviour in the watershed. Accordingly, the NC and ANC have worked with the village to identify a new community structure that will bring the community together and increase management in the watershed.

Additionally, a large amount of effort has gone into awareness raising and education activities in 2004. The IWP CI team has been working with local schools to raise awareness of the watershed. They have also provided regular information to local press and have been working with the Department of Environment to produce TV commercials related to watershed management.

An introductory National IWP newsletter was started for the Cook Islands this quarter. This newsletter was distributed in April 2004. The National Coordinator also



plans a newsletter in the local language for the sake of the local project committee and community members.

In April 2004, additional participatory problem analysis activities were undertaken at the strategic level and the local (community) level. Tukatara Tangi, an environmental educator from the Environment Unit, facilitated PPA activities at the strategic level. PPA activities with the community (Child Welfare or women's group) were undertaken by the National Coordinator.

Two meetings of the NTF were convened.

Federated States of Micronesia: The Regional Director from the Palau office of The Nature Conservancy, Dr Andrew Smith, accompanied by Delegate Noah Idachong from the Palau House of Delegates, returned to Yap for a second visit in early January. The visit was a follow-up to a visit late in 2003 aimed at mapping out a work plan for the Yap project. Dr Smith and Delegate Idachong spent considerable effort reviewing institutional and coordination arrangements for the project within the Yap State Government, reviewing potential partnership arrangements with other stakeholders on Yap and assessing logistical, administrative and technical requirements to support the project in the four communities selected to host the Yap IWP (Gagil, Rumung, Maap and Gilman).

The report of the visit formed the basis of discussion between the Yap IWP Coordinator, Mr Vitt Foneg, and the PCU during a 2-week visit to Samoa in March. The orientation visit for Mr Foneg involved an introduction to the social analysis and participatory strategies being advocated by the PCU to support community engagement in the project, discussion of economic issues associated with resource management and conservation and communications and induction to IWP/UNDP administrative processes and requirements. Utilising the draft work plan developed during Dr Smith and Delegate Idachong's visit, the PCU worked with Mr Foneg to further elaborate a work plan for the Yap project for 2004. Subsequent work on the project has been hampered by recent typhoons in Yap although normal work is expected to resume as soon as normal office communications and processes are restored.

Fiji: The early part of the quarter was taken up with administrative duties – such as preparation of end of year reports and preparation of the 2004 work plan and budget. Although the National Task Force met only once during the quarter (in March) the Project supported various committee meetings. These included meetings of the Project Development Team, the Scholarship Committee, the IWP Work Plan and Budget Committee and meetings with the Vunisinu community.

A new Chief Executive Officer, Mr Cama Tuiloma, was also appointed to the Ministry and he required briefing on the activities of the IWP. In addition, the recruitment process for a consultant to undertake a review of environment-related



legislation in Fiji was completed and work commenced. A draft report was submitted late in the quarter.

Community-based activities included awareness raising activities. Planning for community engagement activities, including preparations to contract a group to undertake facilitator training to support participatory project planning activities with stakeholders at Vunisinu, was also progressed during the quarter.

In relation to capacity building, the IWP scholarship student commenced work in February, the Assistant National Coordinator participated in the 3-week Train:Sea:Coast course on community-based resource economics at the University of the South Pacific. Staff from IWP Fiji also collaborated in work towards the preparation of a participatory planning toolkit.

Project staff participated in several Project-related workshops and meetings during the quarter including a marine environment conservation workshop in Japan, a mangrove and coral reef workshop organized by WWF in Fiji, a SPREP/PCU workshop on Social marketing and the Pacific Islands Regional Ocean Forum which was held at USP in the first week of March.

Environmental educators from Live and Learn Fiji, Sally Asker and Mitesh Mudliar, participated in the Suva workshop, to develop a Kit for Social Marketing for community-based resource management initiatives in the Pacific Islands.

Kiribati: The National Coordinator took maternity leave in early January 2004. During that time a preliminary socio-economic baseline survey for the West Bikenibeu was completed by a local consultant. The name of the host community was changed from Kaibangaki to Ununiki in an effort to minimize religious issues within the community in December 2003 and renamed Bikenibeu West to conform to Tarawa Urban Local Council administrative arrangements late in the first quarter 2004.

In addition to the socio-economic survey planning for a planning and training workshop on participatory planning processes for community-based natural resource management occurred (see above). The workshop will assist IWP-K staff to work with local community stakeholders to:

- identify the root causes of problems of waste at Bikenibeu West; and
- assist the IWP-K and local stakeholders identify and design pilot project activities for the IWP.

Plans are now in progress to implement a work plan and strategy developed during and following training.



During the year, a number of initial IWP awareness raising meetings were held with various stakeholder groups in the pilot project site. These were facilitated by IWP K staff with assistance from other personnel from the Environment and Conservation Division and other organizations in Kiribati.

A staff member from FSP Kiribati, Uarai Koneteti, also participated in the Suva Social Marketing Kit Development Workshop.

Marshall Islands: The National Coordinator continued to work closely with his Project Development Team within the Environment Protection Agency (EPA) Office during the quarter to progress awareness raising, water quality monitoring and waste management at the Jenrock community.

Through the informal Solid Waste Group the IWP continued to pursue a number of collaborative activities with different groups interested in improving the management of waste on Majuro. These include:

- A review of environment-related legislation in two phases - one generally broad covering all environment-related and resource management legislation and a second phase focusing on waste management;
- A preliminary socio-economic baseline study at the Jenrock community;
- A preliminary waste stream analysis at Jenrock;
- A pilot can recycling project in association with the College of Marshall Islands; and
- Pilot activities to raise awareness and promote community education – with an initial focus on the community at Jenrock and gradually increasing the target audience to the entire Majuro population.
- An initial scoping report to assess the economic costs of waste to Majuro was circulated to all stakeholders in 2003. This is currently being reviewed and additional information being collected. Providing there is on-going support, the scoping work will lay the basis for a detailed evaluation of the economic cost of waste to Majuro. It is anticipated that, once completed this work will serve i) as an important means to increase political interest in improving waste management on Majuro and ii) provide baseline values/descriptions for environmental activities conducted in countries. The evaluation should also act as a pilot exercise that will attract a high level of interest from other countries participating in the Project.

Nauru: Work this year has involved the conduct of a preliminary socio-economic profile for the IWP host community (Bauda) during 2003). A Community Waste Specialist, Mr Alice Leney who is based with the Foundation of the People's of the South Pacific in Kiribati spent three weeks in Nauru working with IWP Project staff and the Bauda community. The purpose of the visit was to assess the baseline waste situation in Bauda and to complete a preliminary assessment of waste-related policy and legislative issues in Nauru. There are no other activities to report for the Nauru-IWP.



Niue: During the year Niue IWP project staff were heavily involved in the recovery effort on the island following Cyclone Heta in January. The nation's economy was devastated by the cyclone – which arrived at the island the day after the New Zealand volunteer, Mr Ron Paulin, commenced work with the project. Following the cyclone project staff assisted with an island-wide clean-up – particularly in respect to asbestos which was a component of many of the houses damaged during the cyclone. They participated in numerous meetings aimed at coordinating rehabilitation efforts – including one involving UNDP staff who traveled to the island in late January to coordinate UN assistance to Niue. In consultation with IWP staff, UNDP agreed to re-programming US\$20,000 of the Niue IWP budget to assist with rehabilitation efforts. The funds were to be applied to the restoration of offshore fish aggregation devices – to support the re-aggregation of pelagic fish stocks and reduce potential high levels of fishing in the heavily damaged coastal zone.

to the island in late January to coordinate UN assistance to Niue. In consultation with IWP staff, UNDP agreed to re-programming US\$20,000 of the Niue IWP budget to assist with rehabilitation efforts. The funds were to be applied to the restoration of offshore fish aggregation devices – to support the re-aggregation of pelagic fish stocks and reduce potential high levels of fishing in the heavily damaged coastal zone.

Representatives of the two villages hosting project activities, Makefu and Alofi North, signed a Memorandum of Understanding to participate in the IWP in March. This enabled a second visit by Dr David Fisk to undertake a baseline assessment of the coastal environment adjacent to the two village sites. Following the cyclone, in consultation with Niue Government officials and project staff, it was agreed that the baseline assessments would be extended so the survey could complete a broader initial assessment of the impacts of Cyclone Heta and the Niue coastal environment.

The Project Manager also visited Niue in March. In addition to following up on numerous administrative issues, particularly in relation to refining financial reporting, the Project Manager assessed the impact of Cyclone Heta on project implementation arrangements, briefed Niue officials on arrangements for the Multipartite Review tentatively scheduled for Niue in July and participated in the first National Task Committee Meeting for the year.

Palau: The National Coordinator for Palau spent three weeks in Samoa in February participating in a SPREP workshop on municipal waste funded by the Government of Japan and administered by SPREP. Waste is the focal issue being addressed by the Palau project.

During the quarter in Palau facilitators continued meetings with the communities at the two sites – Madalaih Hamlet on Koror and Ngarchelong State. Work involved preparations for an initial waste stream analysis, socio-economic assessments and awareness raising activities (in cooperation with SPREP Environment Education and Awareness Officer).



At Madalaih some initial work was commenced to assess prospects for a pilot initiative involving composting toilets. In addition, a literature review for Palau revealed that there is currently no state law relating to waste management. In association with this, the Palau-IWP is interested in undertaking an economic costing for waste in the country – similar to the current work underway in Marshall Islands.

An environmental educator from the Environment Quality Protection Board, Jane Olkeriil, participated in a workshop in Suva, Fiji to develop a Kit for Social Marketing for community-based resource management initiatives in the Pacific Islands. The workshop was facilitated by SPREP/PCU and involved environmental educators from Vanuatu, Kiribati, Tonga, Cook Islands and Fiji.

Papua New Guinea: PNG selected Barakau village as host site of the pilot project. A number of awareness sessions have been undertaken with the whole village community and later various sub-groups of community members to educate the people on the scope and objectives of the IWP pilot project.

In February the National Coordinator participated in the 3-week Train:Sea:Coast course for community-based resource economics at the University of the South Pacific in Fiji.

At the beginning of March, a water use survey was planned and training was provided to village youth to undertake the survey. The survey was undertaken and the data is currently being evaluated. In addition, preparations are underway for waste management, socio-economic and biophysical surveys. Dr. Manoka, natural resource economist from Barakau village and working with the University of PNG, has been engaged as a resource person for IWP PNG to assist in problem analysis and feasibility assessments for work in the project.

Samoa: In association with the PCU, the Samoa IWP conducted a national social marketing workshop in January. Participants included officers from the lead agency, the Ministry of Natural Resources and Environment and the Samoa Water Authority.

In February the National Coordinator participated in the 3-week Train:Sea:Coast course for community-based resource economics at the University of the South Pacific in Fiji.

Activities in the communities at Apolima and Lepa have focused on assessing the impacts of Cyclone Heta which hit Samoa in January, reviewing social data for the two communities and planning an initial assessment of costs associated with community activities in the two watersheds.

Solomon Islands: Activities conducted this quarter have principally focused on community awareness raising and discussions related to logging around the host site. In addition, two students have been selected to share the IWP scholarship: a marine



science student who will work with the IWP-SI assess fish aggregations around the host site (Marovo Lagoon); and a community development student who will assist in identifying options to support local incomes. Under the IWP SI, each student will receive assistance for one year. Each student is expected to spend one semester on campus and then do work at the project site.

The National Coordinator attended a training course in February 2004 on the economics for community base environment projects in the Pacific. A preliminary assessment of economic issues at the project site (Marovo Lagoon) is planned for June 2004.

Also in February 2004, the National Coordinator accepted an invitation to collaborate in a review of institutional arrangements in different countries in the Pacific. The study – to be conducted in collaboration with the University of Adelaide – will review and assess institutional arrangements affecting ICM.

Participatory problem analysis work that was planned for March 2004 was delayed due to the National Coordinator's involvement in ministerial discussions during February and March 2003. The discussions related to logging around the host site, their impact on the environment and approval by the host community for logging to occur.

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Tonga: Participatory activities were conducted to determine root causes of waste problems in the host village of Nukuhetulu. An initial community profile and



stakeholder analysis were also conducted. The results of these studies were presented in a final report.

Following this work, the National Coordinator arranged for a socioeconomic and waste characterization survey. The findings in the report were presented to the Nukuhetulu community during a meeting in late March. The meeting was also aimed to validate baseline survey results.

The National Coordinator attended a training course in February 2004 on economic considerations for community-based environment projects in the Pacific Islands region. Consideration of economic issues commenced in April when the NC worked with the NRE to consider incentives for waste management in Tonga and economic values of waste problems.

The post for the Administration Manager was re-advertised in March.

Two students were selected to receive the Tonga IWP scholarship. The two students are: Mr. Sione Tu'itupou Fotu who is completing his Ph D at the USP on the impact of pollution from ships; and Mr. Viliami Kami, at the University of Auckland, who is focusing on the impact of pesticides in squash industries. These projects relate to the Nukuhetulu project by focusing on the degradation and quality of marine and coastal waters and of groundwater.

The IWP Tonga web site is in the final stage of development. The site will be launched in June during National Environmental Week.

Tuvalu: The National Coordinator conducted visits to the Motufoua Secondary School to identify legitimate activities that conform to the intent of the Project in Tuvalu. The Department of Education has already commenced capital works to reduce liquid waste contamination to ground water at the school. Further work, possibly under an awareness raising and behavioral change pilot, is being considered.

The results of an initial participatory problem analysis were discussed with the community hosting pilot activities on Funafuti. In addition, following selection of local resource people to facilitate the work, the planning and implementation of an initial baseline assessment, with a focus on socio-economic issues and waste, was commenced with the Funafuti community.

The National Coordinator attended the Train:Sea:Coast course on community-based resource economics in Fiji. In addition, the student selected to examine the relationship between waste contamination and freshwater quality at the Funafuti community commenced his project at the University of the South Pacific. The National Task Force met twice during the quarter.

Vanuatu: Vanuatu IWP's program during the first quarter of 2004 was disrupted by Cyclone Ivy which hit the islands in late February. This disrupted activities planned



for the Crab Bay community – including a situation analysis workshop which has now been postponed until April. Mr. Wycliff Bakeo, a private consultant, was contracted during the quarter to develop materials for the training of local facilitators to undertake participatory situation analysis for the pilot project community activities.

Mr. Yoli Tom Tavala (USP senior law lecturer) and Ms. Marie Hakwa (Private Lawyer) were contracted in November 2003 to undertake a review of environment-related legislation. A draft report for the first phase of the assignment, an inventory and preliminary description of environment-related laws, regulations and responsible agencies, was circulated to stakeholders for comment. The second phase of the consultancy is to identify gaps, overlaps, duplication or conflict in any of the existing resource management legislation. A preliminary finding (in relation to the areas of interest to the Project) is that national legislation has not empowered communities and/or landholders with respect to local resource management. Final work on the review is currently in progress.

The National Coordinator attended the 3-week Train:Sea:Coast course on community-based resource economics organized by the PCU and the University of the South Pacific.

The first issue of IWP-Vanuatu Newsletter is currently being printed.

Supplementary work

ICM

In late 2003, the PCU commenced an assessment of national and regional policy development and implementation issues associated with integrated coastal and watershed management. In addition to a preliminary assessment of implementation issues, gaps and opportunities relating to the large number of action plans, environmental agreements and regional and national strategies with implications for ICM, a small brainstorming workshop, supported by the IWP and held at the headquarters of the South Pacific Applied Geosciences Commission (SOPAC) in Fiji in early December, considered strategies for raising the profile of ICM during the Ocean Forum.

In early 2004, SPREP and Adelaide University developed a new collaborative research project that is concerned with understanding how the institutional arrangements and policy settings of different countries in the Pacific Islands region affect efforts to implement integrated coastal and watershed management. This relates directly to the objectives of the ICWM component of the International Waters Project, particularly recommendations from the 2003 Mid-Term Evaluation and the outcomes of the Pacific Islands Regional Ocean Forum that was convened at the University of the South Pacific in February 2004.



In February 2004, a Pacific Islands Regional Ocean Forum was convened and produced an Integrated Action Strategy to implement the Pacific Oceans Policy. This strategy emphasizes Integrated Coastal Management (ICM) as a major initiative for responding to ocean and coastal environmental problems. While important work has been undertaken in the Pacific region on different aspects of ICM, including the institutional arrangements of specific countries considerably less work has been undertaken on the transnational institutional dimensions. This research will assist fill this gap.

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. The difficulties are associated with acquiring the required permits with the Guam and Federal Environment Protection Authority. This is apparently due to the possibility that the recycled oil has not fully met technical specifications to allow for resale. Project proponents continue work on improving the recycling process at the Guam plant in order to meet these technical specifications.



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				✓	✓	✓	
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
Cook Islands	Mar 02	Oct 02	✓	✓	Complete	Takuvaine
FSM	Nov 01	Sept 03	✓	✓	Complete	Gagil, Rumung, Maap and Gilman
Fiji	Oct 01	Jun 02	✓	✓	Complete	Vunisinu Rewa
Kiribati	Sept 01	Oct 03	✓	✓	Complete	Bikenibeu West
Marshall Islands	July 01	Jan 03	✓	✓	Complete	Jenrock
Nauru	Feb 02	Apr 02	✓	✓	Complete	Bauda
Niue	Nov 01	Feb 02	✓	✓	Complete	Makefu and Alofi North
Palau	Oct 01	Mar 02	✓	✓	Complete	Ngarchelong and Madalaii
PNG	Mar 02	Jun 02	✓	✓	Complete	Barakau
Samoa	Jun 01	Dec 01	✓	Selection by the lead agency		Apolima and Lepa
Solomon Islands	Mar 02	Aug 02	✓	✓	Complete	Chea and Billy Passage
Tonga	Nov 01	Feb 02	✓	✓	Complete	Nukuhetulu
Tuvalu	Mar 02	Apr 02	✓	✓	Complete	Alapi/Senala
Vanuatu	Mar 02	Jul 02	✓	✓	Complete	Crab Bay



Table 3. Current status of implementation of IWP integrated project planning (local level activities) (May 2004)

Country	Capacity building ¹	Problem profile; participatory situation analysis and initial stakeholder identification	Root cause analysis (PPA)	Stakeholder analysis (in relation to the problem(s) and issue(s))	Socio-economic baseline assessment (including economic root cause analysis) ²	Resource assessment/ecological baseline	Identification of solution(s) (including impacts and feasibility)	Selection of solutions and development of management plans
Cook Islands	●		●					
FSM								
Fiji	●							
Kiribati	●	●	●	○	●	○		
Marshall Islands			●		●			
Nauru	●		●			●	○	
Niue	●	●	●			●		
Palau		●						
PNG	●							
Samoa		●	●					
Solomon Islands	●	●	●					
Tonga	●	●	●		●			
Tuvalu	●	●	●		●			
Vanuatu	●		●		●			

● Complete or well advanced. ○ Planning or early execution stage.

¹ Includes country participation in sub-regional workshops on participatory natural resource management with a focus on social assessments as well as further national-level training for facilitators.

² Tonga is the only country currently undertaking a specific economic root cause analysis for their pilot activities.



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 30th 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)

National and other reports (published or in preparation)

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

Convard, N. (*In preparation*). Strategies for prevention of mitigation of land-based sources of pollution. Overview document commissioned during Project design in 1997.

Cook Islands Priority Environmental Concerns Report

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

Marshall Islands Socio-economic Baseline Report

Nauru Waste Analysis Report

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

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

Samoa Legislative Review (Phase 1 & 2)

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

Project publications

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). 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.

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Crennan, L. and G. Berry. (2002). A synopsis of information relating to waste management, pollution prevention and improved sanitation with a focus on communities in the Pacific Islands region. 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 3. IWP Technical Report 2002/03 108 pp. The International Waters Project, South Pacific Regional Environment Programme, Apia, Samoa. 6 volumes.

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.

Falkland, T. (2002). A synopsis of information relating to the quality of freshwater and watershed management issues in the Pacific Islands region. 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 2, IWP Technical Report 2002/02, 128 pp. The International Waters Project, South Pacific Regional Environment Programme, Apia, Samoa. 6 volumes.

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 (2002). Guidelines for the Initial Phase of the International Waters Project: In-country Arrangements, Review of Priority Environmental Concerns and Selection of Pilot Projects. Version 1.04. South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. May 2002. 33 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.

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). Gender Policy, Draft Version 1.0. South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. April 2002. 12 pages.

International Waters Project. (2002). First National Coordinator's Meeting. 29 April – 3 May 2002, Apia, Samoa. South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. 42 pages.

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International Waters Project. (2002). First Multipartite Review Meeting Summary Report. 25 July 2002, Majuro, Republic of Marshall Islands. South Pacific Regional Environment Programme, International Waters Project, Apia, Samoa. 15 pages.

Lal, P. and M. Keen. (2002). Economic considerations in community-based project planning and implementation. 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 5. IWP Technical Report 2002/05 56 pp. The International Waters Project, South Pacific Regional Environment Programme, Apia, Samoa. 6 volumes.



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Wright, A., P. Holland, N. Stacey and S. Samasoni. (2002). A New Initiative in Community-based Sustainable Resource Use and Conservation: The Pacific Islands International Waters Project. *Development Bulletin*, **58**, 99-101. *Special Issue: Environmental sustainability and poverty reduction: Pacific issues*. Development Studies Network, Research School of Social Sciences, Australian National University, Canberra, Australia.

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International Waters Project - Niue (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.

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Stacey, N and Samasoni, S. (2003). Communications and Community Participation in the International Waters Project: Strategies, activities and lessons learned. *Development Bulletin*, No 63; 91-94. [Special Issue on Water, Governance and the Political Economy: Water Security and Poverty Reduction in Asia-Pacific, Development Studies Network. Based on paper presented by Ms Sandeep Singh, International Waters Project, Fiji at Workshop on Water Communication and Community: practical strategies for achieving equitable and sustainable water use in the Pacific, University of the South Pacific, 11-12 September 2003, Suva, October 2003.]

Mahanty, S and N. Stacey. (2004)(draft). Collaborating for Sustainability: A Resource Kit for Facilitators of Participatory Natural Resource Management in the Pacific. SPREP, Apia, Samoa.

(2004)(draft). Resource kit for Social Marketing in Community-based Resource Management Initiatives in the Pacific Islands. SPREP, Apia, Samoa.

Stacey, N., A. Wright, and P. Holland. (2003). The Pacific International Waters Project: Aims, Approaches and Challenges in Addressing Management of Waste and National and Local Levels. Paper presented at the International Conference on the Sustainable Development of the East Asian Seas, Putrajaya, Malaysia, 8-12 December 2003.

Wright, A. (2003). Coastal Zone Management in the Pacific Islands Region: issues for improved harmonisation and implementation. Draft discussion paper prepared for an informal brainstorming meeting, Suva, Fiji 10-12 December 2003.

Wright, A., N. Stacey and P. Holland. (2003). Cooperative Framework for Ocean and Coastal Management in the Pacific Islands: effectiveness and constraints. Paper presented at the International Conference on the Sustainable Development of the East Asian Seas, Putrajaya, Malaysia, 8-12 December 2003.



Meetings, Conferences and Workshops (2003-2004)

7th Pacific Islands Roundtable for Nature Conservation 1-5 July, SPREP, Apia, Samoa.

The Seventh Pacific Islands Roundtable Meeting was hosted by SPREP at its Training and Education Centre in Apia. 36 people representing 17 organizations attended the Roundtable. The PCU's Community Communications Specialist, Mr Samson Samasoni and the Community Assessment and Participation Specialist, Dr Natasha Stacey, represented the IWP. The objectives of this meeting were:

- Members of the RT to identify:
 - What they their organization can do to contribute to the targets
 - Practical methods to monitor the targets that have been agreed upon
 - Next steps to engage more actively in an ongoing way with national activities
- Update and agree on ways to maintain the key Roundtable Tools.
- Gain insight and lessons learned from practitioners on mainstreaming in action in the Pacific – what works and why.

The meeting focused on the new Action Strategy for Nature Conservation 2003 - 2007 and the role of individual Roundtable members in its implementation. A gap analysis was undertaken to determine priority gaps in the strategy. Other outcomes included:

- Mr Andrew Bignell of the Department of Conservation in New Zealand was elected Chair of the Roundtable until 2006. He replaces Taholo Kami of the World Council of Churches (Pacific Desk).
- New or reinvigorated working groups on: Invasive species (Liz Dovey, SPREP Chair), Threatened Species and Ecosystems (Liz Dovey, SPREP temporary chair), Pacific Islands Biodiversity Planning (Francois Martel, CI temporary chair), NBSAP/National (Mary Power, SPREP temporary chair), Sustainable Conservation Action (Peter Thomas, TNC Chair), Conservation leadership and training (Frank Wickham, SPREP Chair) and Communications (Yaminiasi Gaunavou, SPC Chair).
- Acceptance of the need to get other key groups involved: in particular AusAID, CROP agencies, national representatives – including from the French territories.
- An increased focus on national ownership of the Action Strategy and how the Roundtable links in at the national level.

The next Roundtable Meeting will be in Fiji from 14th - 18th June 2004 and hosted by WWF Pacific and the World Council of Churches. In the interim there will be a



meeting of the Roundtable Working Group here in Apia on the 10th, 11th and 12th of February.

14th Annual SPREP Meeting, 8-11 September, Apia, Samoa

The PCU presented a status report for the Project to the 14th Annual Session of SPREP Members. The report reviewed developments since the last Session in Majuro in July 2002. It focused on the outcomes of the Mid-Term Evaluation and activities undertaken since the Multipartite review which met in Tonga in the last week of June. The PCU also presented an information paper summarizing progress with planning the Pacific Islands Regional Ocean Forum which is scheduled to be held in Fiji in February 2004.

6th Water Information Summit and Knowledge Management Workshop, 9-17 September 2003, Delft, Netherlands.

IWP Communications Specialist Samson Samasoni attended the Summit and the 3-day Workshop that followed it. The Summit and Workshop provided information and training on how to establish organization-wide knowledge management strategies. IWP will be developing a strategy during the last quarter of the year, with a view to implementation in early in 2004.

The Sixth Water Information Summit, 9-12 September 2003 and Knowledge Management Training Workshop, 15-17 September 2003, Delft, The Netherlands.

The Sixth Water Information Summit (WIS-6), 9-12 September, hosted by the IRC, International Water and Sanitation Centre at the UNESCO-IHE Institute, focussed on strategies to overcome the digital divide and to share knowledge and information in support of integrated water management and shared transboundary water resources. Samson Samasoni, the IWP's Community Communication Specialist, represented the Project at the meeting with funding support from IW:LEARN.

The Summits brought together water information users and providers to discuss the state of the art and trends in knowledge management, the application of web-based technologies to the effective distribution of information, and the formation of partnerships and networking communities. Feedback from the Third World Water Forum was presented, including the prototype Water Portal of the Americas, a regional collaborative initiative designed to make it easier to find and share water-related information: www.waterportal-americas.org

Working groups discussed topics including e-learning, water portal development and maintenance, adoption of metadata standards, and water information assistance services - such as help desks. The reports of the groups were reported to the entire assembly.



A Knowledge Management (KM) Workshop, 15-17 September 2003, provided hands-on KM training to supplement the WIS-6 theme “Breaking the Barriers: let water information flow.” Knowledge Management (KM) was identified as one of the three priority needs at the last Global Environment Facility International Waters Conference held at Dalia, China in 2002. Participants developed customized plans to strengthen their organizations’ KM activities, including web site and database development, information standards and documentation, and connectivity.

Social Marketing for Social Profit Conference, Wellington, New Zealand, 16 and 17 October 2003.

As part of a strategy to build up a pool of social marketers in the Pacific, three Pacific environmental educationalists (from Fiji, Vanuatu and Palau) were invited by SPREP to be part of a delegation to attend the Social Marketing for Social Profit Conference in New Zealand in October 2003.

SPREP’s Education and Awareness Officer, Seema Deo, and IWP Community Communications Specialist, Samson Samasoni led the team. With considerable logistical and administrative support from the New Zealand Ministry of Environment they hosted side meetings with the environment educators throughout the Conference.

In addition to learning new initiatives in the area of social marketing, national environment education practitioners were invited to participate to increase their exposure to the concepts of social marketing as a framework and communications tool for behaviour change. It is hoped that, during 2004, this initial group will be offered further opportunities to become effective champions/resource people for future social marketing training opportunities and activities developed by SPREP.

International Conference on the Sustainable Development of the East Asian Seas, Putrajaya, Malaysia on 8-12 December 2003

On behalf of the IWP the Community Assessment and Participation Specialist, Dr Natasha Stacey, attended the “International Conference on the Sustainable Development of the East Asian Seas Congress”, 8-11 December, 2003, Malaysia. This conference was hosted by the “Partnerships in Environmental Management for the Seas of East Asia” (PEMSEA) Initiative. This trip was funded under the GEF IW: Learn Project Inter-Project Stakeholder Exchange Pilot Program. The objective of the exchange was to enhance project experience, lessons learned and expertise between the Pacific IWP and PEMSEA, a GEF funded Programme operating in 12 Asian countries.

A presentation titled “The Pacific International Waters Project: Aims, Approaches and Challenges in Addressing Management of Waste and National and Local Levels” was



presented during the Workshop on Land-based sources of Pollution. The presentation highlighted the IWP focus on integration of social assessment, stakeholder participation, resource economics and communications (public relations, social marketing and community education) to engender behavioural change in waste management. A full report on the exchange will be available in first quarter of 2004.

During the Congress, Dr Stacey also presented a paper on behalf of the IWP Project Manager titled “Cooperative Framework for Ocean and Coastal Management in the Pacific Islands: effectiveness and constraints”. This paper provided an overview of the regional framework for cooperation on coastal and marine affairs in the Pacific Island region, highlighting on future challenges for integrated coastal management the ocean fisheries sector

Both papers will be prepared for publication in 2004 as part of a special issue of *Ocean and Coastal Management Journal*.

Coastal Zone Management Options in the Pacific Islands Region: issues for improved harmonisation and implementation, South Pacific Applied Geosciences Commission, 10-12 December 2003, Suva, Fiji

The Project Coordination Unit convened an informal brain storming session on integrated coastal and watershed management (ICWM) in the Pacific Islands region at the headquarters of the South Pacific Applied Geo-science Commission, 10-12 December. The meeting was convened to:

- Review available information (including definitions, terms and processes) relevant to coastal and watershed management in the Pacific Islands region;
- Complete a preliminary gaps and needs assessment to promote ICWM in the Pacific Islands region;
- Consider possible Pacific Island Regional Ocean Forum (PIROF) outcomes in relation to ICWM (particularly in relation to the proposed Framework for Action);
- Develop a strategy for promoting ICWM-related discussion during the PIROF to achieve those outcomes; and
- Assign roles, responsibilities and timeframes for implementing the ICWM strategy leading up to and including the PIROF.

The meeting was attended by 25 national, regional and international practitioners in ICWM. A report of the meeting will be posted on the SPREP website early in 2004. The PCU was represented by the Project Manager, Andrew Wright.

Pacific Islands Regional Ocean Forum, 2-6 February 2004, University of the South Pacific, Suva, Fiji.



The Marine Sector Working Group, a consultative group representing South Pacific regional organizations with a shared interest in ocean and coastal affairs, convened the Pacific Islands Regional Ocean Forum, 2-6 February, 2004. The aim of the Forum was to elaborate a Framework for Integrated Strategic Action (ISA) for priority issues required to achieve the goal of the Pacific Islands Regional Ocean Policy – a healthy Pacific Ocean.

Each day of the Forum was dedicated to discussion on one of the 5 Guiding Principles of the Policy. A series of key note addresses in plenary introduced the Principle to be considered that day. Eight simultaneous working groups (of 15 –20 participants) subsequently discussed issues relating to the Principle under consideration, and identified appropriate or possible responses to address the issue and mechanisms to achieve those responses. Plenary reconvened for a final session in the afternoon of each day to receive reports back from the working groups. Facilitators met each morning prior to Plenary to discuss how working group sessions were coping and to identify issues to raise with groups.

Several side events were arranged – one by the IWP on ICM. The IWP’s session involved four presentations aimed at raising awareness of ICM issues for subsequent consideration during the formulation of the ISA. Professor Leon Zann, the recently appointed head of Marine Studies at USP; Mary Power, Coastal Zone Management Specialist at SPREP, Gene Brighthouse from the American Samoan Ocean Management Programme and Dr Tim Smith from CSIRO Australia introduced key issues for ICM in the Pacific Islands region.

Social Marketing Toolkit Development, 5-12 March 2004, Suva, Fiji.

As part of the recently launched Pacific Social Marketing Initiative, SPREP and the International Waters Project have developed a draft Resource Kit for Social Marketing. The Kit was developed by SPREP/IWP in partnership with New Zealand’s Ministry for the Environment, in consultation with a small group of environmental education experts from the Pacific island region.

A consultative workshop held in Suva, Fiji in March brought together a larger group of education and communication experts from the region to help review the Kit and develop it into a resource that is practical and usable for others involved in community education and communication initiatives. Participants were selected on the basis of their experience and involvement in education and communication work in their countries. Cook Islands, Fiji, Kiribati, Tonga, Vanuatu and Palau were represented in the workshop.

In the absence of a Community Communication Specialist at the PCU, SPREP’s Environmental Education and Awareness Officer, Seema Deo, facilitated the



workshop on behalf of the IWP with the assistance of Mr Steve Menzies, New Zealand Ministry of Environment.

Train Sea Coast course in economics for community based environment and development in the Pacific Islands Region, 7-27 February 2004, University of South Pacific, Suva, Fiji.

This course is the product of collaboration between:

- The Project for SPREP;
- the UN Division of Ocean Affairs and the Law of the Sea (who funded and coordinated development of the course);
- the University of the South Pacific (who hosted the course as the South Pacific ‘Curriculum Development Unit’ for UN DOALOS);
- ANU (who led development of the course); and
- UNCTAD/TRAINMAR (who provide pedagogic support to course development and delivery).

Development of the course took place over 18 months. The course was developed using the UN ‘Train X’ methodology which is a client focused approach. In this case, clients were identified as project managers for Pacific island community-based resource management and conservation projects. The job requirements of the clients are identified in relation to the course focus (economics) and a course is built specifically around those tasks with which clients are likely to need assistance. The result is a purpose-built course on the economic issues associated with community-based resource management and conservation projects.

UN DOALOS financed initial course delivery/validation, covering flight and DSA expenses for all involved. Attendees represented 7 countries, 3 CROP agencies (SPREP, USP, SOPAC), 4 NGOs and several government agencies across the region.

Municipal Solid Waste Management Workshop, 10th February – 9th March 2004, Apia, Samoa.

The Japan International Cooperation Agency and SPREP’s Waste and Pollution Prevention Programme convened this workshop for 14 Pacific Island countries. The PCU facilitated one session of the workshop concerned with community-based waste management.

