

SOPAC

Regional progress report on the implementation of the Hyogo Framework for Action (2011-2013)

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Executive summary

Progress has been summarised according to the following broad themes, and is also linked to the HFA Priorities for Action and the RFA's Themes.

The Pacific Disaster Risk Management Partnership Network (PDRMPN) has developed into an active multi-partner collaborative network, communicating and cooperating across various platforms and members have provided strategic support to PICs in the development of disaster risk management related policies and plans.

Governance arrangements have been developed across parts of the region and as a result of DRR and CCA being prioritized nationally. Climate change policies are being developed across the region and are increasingly inclusive of input and concerns of well-informed local communities. In addition, formal incorporation of DRM and CCA into school curricula is beginning to occur in some PICs, while new courses are being developed at tertiary and professional levels on DRM and climate change. And the Annual Pacific Platform for DRM Meetings are a proactive approach to bring together DRM and CCA practitioners from across the region to discuss relevant issues.

Integrated regional support, particularly from SPC/SOPAC and SPREP, to boost national capacity looks to the future needs of PICs in terms of skills and knowledge and experience. Evidence of this is provided by discussions surrounding an integrated regional strategy for DRM and Climate Change.

Community based approaches to DRM and CCA are proving effective in addressing risk at the local level. Numerous projects and initiatives across the region have led to communities working with NGOs, local government and regional organisations to build local capacity and enhance resilience at the local level. And national DRM and climate change bodies are increasingly inclusive of local government representatives, NGOs and civil society groups.

Pacific Disaster Net is becoming a widely used and comprehensive source of DRM information for the region.

Subsection 2.1: HFA Priority for Action 1 / equivalent (Sub-)Regional Priority

(Sub-)Regional Indicator 1: A (sub-)regional framework, strategy or action plan for disaster risk reduction exists.

Level of Progress achieved

4: Substantial achievement attained but with recognized limitations in capacities and resources

Means of verification

Yes : (Sub-)regional framework, strategy, action plan

Yes : Resources mobilised for the implementation of the (sub-)regional framework, strategy, action plan

Description

The overarching policy framework for the region, approved by Pacific Leaders in 2005, is the Pacific Disaster Risk Reduction and Disaster Management Framework for Action 2005 – 2015. Pacific Leaders reflect the need for improved disaster risk management practices and policies to enhance efforts for sustainable development as a key priority in their Pacific Plan, also endorsed in 2005.

Since the adoption of the RFA, a major focus of SPC/SOPAC has been the continuing effort to support countries to adapt the RFA and implement priorities at a national and sectoral level. This has often come in the form of developing National Action Plans for DRM (NAPs) and more recently, Joint National Action Plans (JNAPs) which addresses both disaster and climate change risks. The Pacific Disaster Risk Management Partnership Network (PDRMPN) has supported the development and implementation of DRM NAPs and JNAPs for Pacific island countries.

Context & Constraints

Progress is now proceeding at the regional level on discussions relating to the post-2015 Framework. Chief Executives of SPC and the Secretariat for the Pacific Regional Environment Programme (SPREP) signed a Letter of Agreement to articulate their commitments in relation to the process of formulating the new strategy commonly referred to as the 'Roadmap'. The Letter of Agreement maps out the collaborative arrangements in respect to developing an integrated regional strategy for Disaster Risk Management and Climate Change by 2015. The development of the regional strategy has been endorsed by representatives of Pacific island countries and territories, and development partners. The process of formulating the regional strategy, the 'Roadmap', was endorsed at a series of meetings in 2011.

(Sub-)Regional Indicator 2: A multi-sectoral (sub-)regional institutional mechanism exists.

Level of Progress achieved

4: Substantial achievement attained but with recognized limitations in capacities and resources

Means of verification

Yes : Regional platform and/or equivalent (sub-)regional multi-stakeholder coordinating mechanism for DRR

Yes : Capacity strengthening of (sub-)regional DRR institution supported.

Yes : (Sub-)regional DRR body is implementing programme(s) for trans-boundary risk reduction and supporting national DRR integration.

Description

In the Pacific there are a number of multi-sectoral (sub) regional institutional mechanisms in place, including:

- The Pacific Platform for Disaster Risk Management which is the annual opportunity for Pacific island countries and territories and development partners and donors to share experiences and knowledge in building the resilience of their communities to disasters. The Pacific Platform for Disaster Risk Management has observed an increasing number of participants in recent years, with over 220 participants in 2011 and 200 participants at the 2012 Platform.
- The Pacific Climate Change Round Table meets biennially and provides the key regional platform for networking, coordination and discussions amongst Pacific island countries and territories, donors, and regional and national organisations on issues, challenges and opportunities for Climate Change Adaptation and Mitigation.
- An additional fora in which regional risks are actively discussed is the biennial Meeting of Pacific Regional Meteorological Services Directors which was transformed into the Pacific Meteorological Council in 2011. Trans-boundary risks such as climate change, tropical cyclones and other weather and climate phenomena, sea level rise and tsunami are on the agenda.
- The Forum Leaders established the Council of Regional Organisations of the Pacific (CROP) in 1988. The CROP has become the highest technical advisory committee to member countries in progressing regional cooperation and integration as outlined in the Pacific Plan. Their annual meetings are hosted on a rotational basis by each of the regional organizations.
- The Pacific Humanitarian Team (PHT), established by OCHA in 2009, meets on an annual basis to discuss issues related to humanitarian response to disasters at both global and country levels.
- The Regional Meeting of Heads of Agriculture and Forestry Services (HOAFS) and
- Regional Conference of Ministers of Agriculture and Forestry (MOAF)

Context & Constraints

There are two significant challenges. First is the continuing need for resources to support the annual meetings of the Pacific Platform for DRM. Secondly, the Pacific region will need to examine the structure of regional support for DRM and CCA currently provided separately through the Pacific Platform for DRM and Pacific Climate Change Round Table, once the new integrated regional strategy for DRM and Climate Change comes into effect in 2015.

Since the formation of the PDRMPN in 2006 there has been an ongoing challenge to improve coordination and collaboration among existing partner organisations and to increase the base of support of the PDRMPN.

(Sub-)Regional Indicator 3: Institutional mechanism in place to monitor risk reduction status and progress at (sub-)regional level.

Level of Progress achieved

4:Substantial achievement attained but with recognized limitations in capacities and resources

Means of verification

Yes : Monitoring, evaluation and reporting framework / systems

Description

The (sub-)regional institutional mechanism listed under Indicator 2 further provide the basis for monitoring risk reduction status and progress at (sub-) regional level. In addition to this, the Pacific Disaster Risk Management Partnership Network participated in the Mid Term Review process for the HFA and the RFA in 2010. Since then SOPAC, in collaboration with UNISDR, has supported 2 cycles of national progress reviews for DRM. The first cycle 2009 to 2011, included 6 Pacific island countries namely Cook Islands, Fiji, Marshall Islands, Samoa, Solomon Islands and Vanuatu. This was also an opportunity to review progress of implementation against their respective National Action Plan for DRM. The second cycle was undertaken in 2012 for all 14 PICs to assess NAP and JNAP progress. This review provided an opportunity to identify activities to be included in the EDF10 Disaster Facility Country Implementation Plans.

Context & Constraints

Regional partners to continue to encourage and support an inclusive approach to national DRM and CCA decision making bodies, with genuine participation from key government ministries, local government representatives, NGOs, civil society and the private sector.

Provision of strategic and coordinated in-country engagements from PDRMPN and development partners that address the priority needs is recommended. New initiatives need to acknowledge existing programs and capacity gaps.

Existence of a single national body that oversee DRM and CCA initiatives as a joint coordination mechanism can assist with information sharing, coordination and monitoring and evaluation of initiatives addressing similar issues.

Recognition of limited human resource capacity and high staff-turnover through ongoing succession planning in key agencies (e.g. NDMOs) and capacity building through counterparts / internships / mentoring.

Another ongoing challenge to improve coordination and collaboration among existing partner organisations.

(Sub-)Regional Indicator 4: (Sub-)regional training / capacity building programmes / institutions exist to support capacity building for DRR at national / regional levels.

Level of Progress achieved

4: Substantial achievement attained but with recognized limitations in capacities and resources

Means of verification

Yes : (Sub-)regional disaster DRR capacity building projects and programs

Yes : (Sub-)regional institutions for DRR capacity building / training

Yes : Educational and training materials for DRR developed

Yes : Educational and training materials for DRR are standardised in the (sub-)region.

Description

SPC/SOPAC working in close collaboration with TAF/OFDA, New Zealand Ministry of Civil Defence & Emergency Management (NZ MCDEM), OCHA and other partners are collaborating to develop a DRM Competency Framework for the Pacific.

SPC continued its commitment to improving DRM knowledge and skill levels among Pacific Islanders through the Pacific Disaster Risk Management Programme (PDRMP). A number of training courses have been conducted across the region. An important addition to the suite of courses, is a new Disaster Risk Reduction (DRR) course which was piloted in June 2012.

The Asia Foundation and SPC/SOPAC have also collaborated with the Fiji National University (FNU) through the College of Medicine, Nursing and Health Sciences to address the region's need for professional qualifications in disaster risk management. A new post-graduate certificate programme in Disaster Risk Management was offered from Semester 2 2012.

The University of the South Pacific has a Post Graduate Diploma Program Masters program in Climate Change. In 2011, with technical support from SOPAC and IFRC, USP developed a new Disaster Management unit as part of this academic program. The New Zealand Aid Programme (Ministry of Foreign Affairs and Trade) provides funding support to MCDEM to work closely with National Disaster Management Offices in Samoa, Cook Islands, Tokelau, Tonga and Niue to strengthen their capacity and ability to prepare for and respond to natural disasters. SPC/SOPAC, Australasian Fire Authorities Council, The Asian Foundation and OCHA are collaborating to strengthen national emergency/disaster preparedness and response efforts between NDMOs, and national fire and emergency services under the umbrella of the Pacific Islands Fire Services Association (PIFSA). In 2011, OCHA undertook a training needs analysis specifically examining the humanitarian system in the Pacific, and the system's capacity to fulfil its responsibilities under the Humanitarian Reform

Optional

UNDP, with funds from AusAID is implementing the Pacific Risk Resilience Programme which will focus on strengthening governance mechanisms for DRM and CCA at the sub-national and local levels. The goal of the programme is: to strengthen the resilience of Pacific island communities to disasters and climate change related risk.

Context & Constraints

Provision of strategic and coordinated in-country engagements from PDRMPN and development partners that address the priority needs is recommended. New initiatives need to acknowledge existing programs and capacity gaps.

Recognition of limited human resource capacity and high staff-turnover through ongoing succession planning in key agencies (e.g. NDMOs) and capacity building through counterparts / internships / mentoring.

- Scheduling: ensuring that training is conducted at a time that maximizes participation from relevant stakeholders can be a challenge given the multitude of activities that stakeholders are engaged in.
- Travel costs and timing: bringing people to attend training can be particularly expensive in countries with dispersed geographies, for example the Cook Islands.

[Subsection 2.2: HFA Priority for Action 2 / equivalent \(Sub-\)Regional Priority](#)

(Sub-)Regional Indicator 5: Institutional mechanism and procedures are in place

to carry out trans-boundary risk assessments.

Level of Progress achieved

3:Institutional commitment attained, but achievements are neither comprehensive nor substantial

Means of verification

Yes : (Sub-)regional hazard, vulnerability or risk atlas

Yes : (Sub-)regional risk information system

Description

A few mechanisms and procedures are in place to facilitate trans-boundary risk assessments in the Pacific. Some of them are listed below:

The Pacific Risk Information System contains the different components of PCRAFI which includes an inventory of buildings and major infrastructure for the 15 countries. Approximately 80,000 buildings and major infrastructure (such as roads, bridges, airports and power generation facilities) were inspected during field visits in 11 of the countries providing ground-trothing data on characteristics such as structural system, construction material, occupancy, number of stories, roof shape and material type, and wall material type. The resulting building and infrastructure database is a comprehensive resource for characterizing the building environment in these nations. Lastly, a property exposure database is derived from the building and infrastructure database in combination with expert research on property value and reconstruction costs.

The South Pacific Sea Level and Climate Monitoring Project (SPSLCMP) was developed as an Australian response to concerns raised by Pacific Island countries about the potential impacts of human-induced global warming (the "Greenhouse Effect") on climate and sea levels in the Pacific.

SPC Divisions, such as the Land and Resource Division and Public Health have conducted assessments in PICTS to measure the risk of increased outbreaks of communicable and animal disease in the face of climate change.

Context & Constraints

The major challenges at the regional continue to be financial and human resources constraints. Further there is a need for enhanced collaboration and coordination amongst key scientific and research agencies in the sharing of information. Risk assessments by nature require capacities and resources. Regional Organizations need further support to maintain those capacities and human resources.

(Sub-)Regional Indicator 6: (Sub-)regional early warning systems exist.

Level of Progress achieved

3: Institutional commitment attained, but achievements are neither comprehensive nor substantial

Means of verification

Yes : Protocol for dissemination of early warning information

Yes : Early warning systems for DRR enhanced at the community and national levels

Description

The implementation of strategies to develop effective Early Warning Systems (EWS) is being pursued through a number of mechanisms such as the development of NAPs and JNAPs for PICs which often have specific goals aimed at strengthening EWS. A few regional examples are listed below:

- Japan International Cooperation Assistance (JICA) has upgraded the Seismic Observation Network in Fiji and Tonga and developed the capacity of staff in each agency to analyse seismic observation data.
- The Nadi Regional Specialised Meteorological Centre provides information on tropical cyclones in the South-West Pacific Ocean. It operates 24 hours a day, all the year round providing an essential weather service to a large area of the Southwest Pacific region.
- Under SPC's Regional Initiative: Pacific Public Health Surveillance Network a Public health early warning system for the Pacific was established.
- The Melanesian Volcanological Network (MVN) was established by Papua New Guinea, Vanuatu and Solomon Islands to provide a mechanism for the sharing of equipment, resources and personnel to support preparedness and observation activities.
- Tsunami National Capacity Assessments, conducted in 2008-2009 by the Australian Bureau of Meteorology (BOM) and SOPAC, of the ability of the PICs to receive, communicate and effectively respond to tsunami warnings have been conducted for 14 PICs.
- UNESCO Intergovernmental Oceanographic Commission (IOC), through its National Programme Officer for Tsunami Early Warning and DRR provides technical advice and support to PICTs to strengthen their capacities in tsunami early warning and response systems and as well general advice in DRR initiatives.
- New Zealand's National Institute of Water and Atmospheric Research (NIWA) is contracted by the Government of Samoa to develop and install the Climate Early Warning System. The system will provide more timely and targeted climate information, and ultimately help local people mitigate the effects of climate variation and change.

Context & Constraints

Skilled personal and resources to maintain EWS. Coordination and collaboration amongst DRM agencies.

Delivery of warnings to countries/communities especially during disaster due to disruptions to or loss of national/local communications.

Data Sharing between neighbouring countries and with regional/sub-regional centres - applies especially to earthquakes/tsunamis and volcanoes.

Subsection 2.3: HFA Priority for Action 3 / equivalent (Sub-)Regional Priority

(Sub-)Regional Indicator 7: (Sub-)regional information and knowledge sharing mechanism available.

Level of Progress achieved

4: Substantial achievement attained but with recognized limitations in capacities and resources

Means of verification

Yes : (Sub-)regional web site

Yes : (Sub-)regional community of practice / network

Yes : Local to (sub-)regional knowledge sharing on DRR supported

No : (Sub-)regional public awareness strategy

Description

There is a wide range of information and knowledge sharing mechanisms available in the Pacific, including the following:

- Pacific Disaster Net (PDN) is a comprehensive web portal and database system, developed for DRM stakeholders in the Pacific. Jointly launched in 2008 and continually maintained by SOPAC, IFRC, UNDP PC, UNISDR and United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA), PDN is a significant and growing information resource for Disaster Risk Management partners working in

the Pacific.

- SPC maintains various networks for information and knowledge sharing, including: the Pacific DRM Partnership Network, Pacific Public Health Surveillance Network, PacNet, LabNet, EpiNet, PICNet
- The SPC Geonetwork is a catalogue of the bathymetric datasets mapped by SOPAC and those provided through agreements with countries and research institutes.
- SPREP is facilitating various networks, such as the Pacific Invasive Learning Network.
- Pacific's Climate Change and Development Community (CCDC), called Pacific Solution Exchange and initiated by UNDP, hold online discussions surrounding issues such as mainstreaming DRR/CCA into development practice, water and food security issues, gender, youth, community based DRR/CCA and many others.
- The DRR Project Portal for Asia and the Pacific has been developed under the project 'Regional Stocktaking and Mapping of DRR interventions in Asia and the Pacific. It is a stocktake of DRR and CCA initiatives implemented in the Pacific.
- Developed and maintained by OCHA, the Pacific Humanitarian Team portal is another online platform hosting information on disaster preparedness, coordination and response for the region.
- DesInventar: A Disaster Inventory System displaying information about disasters of small, medium and greater impact.

Context & Constraints

The lack of systematic data collection presents challenges in understanding baselines and trends.

Limited data availability across a range of areas including past events and impacts, demographic data, weather and climate data and high resolution climate change projections all present challenges to planning and implementation of DRM/CCA initiatives.

(Sub-)Regional Indicator 8: (Sub-)regional research institutions for disaster risk reduction exist.

Level of Progress achieved

3: Institutional commitment attained, but achievements are neither comprehensive nor substantial

Means of verification

Yes : Research programmes and projects

Yes : Coordination and collaboration of data gathering and research of DRR stakeholders

No : (Sub-)regional disaster risk reduction centre / centre of excellence

Description

A number of organizations in the Pacific that carry out regional research programmes and projects which guide disaster risk reduction and climate change interventions.

Some are listed below:

- The Pacific Climate Change Science Program (PCCSP) is funded by the Australian Government and sees the Bureau of Meteorology and the CSIRO partnering with 15 PICs and regional stakeholders to further progress the understanding of past and future climate trends. This applied research program also addresses risk reduction by furthering the understanding of current and future climate related hazards and climate change impacts.
- The Pacific Catastrophe Risk Assessment and Financing Initiative (PCRAFI) provides 15 countries with disaster risk modelling and assessment tools to better understand, model, and assess each country's exposure to natural disasters.
- UNISDR, in collaboration with SPC and with funding support from the GFDRR, completed a "Poverty Disaster Interface Study for the Pacific" provides an analysis of the existing disaster risk management and poverty reduction strategies in Fiji with key recommendations for Fiji and other Pacific Island countries.
- UNISDR and UNDP undertook an institutional and policy analysis on Disaster Risk Reduction and Climate Change Adaptation in the Pacific which provides details on the similarities and differences of DRR and CCA and analyses the degree of integration in the region in terms of policy and the institutional environment in seven PICs (Cook Islands, Federated States of Micronesia (FSM), Fiji, Palau, Samoa, Tonga and Vanuatu).
- UNDP PC is coordinating the South-South project in the Pacific which provides a common platform for the regions to share their experiences with a range of exchanges between the regions.
- In 2009-2010, researchers from the University of New South Wales (UNSW) undertook a study investigating approaches that successfully integrate disaster risk reduction and climate change adaptation at the community level in the Pacific.

Context & Constraints

One of the challenges related to this Indicator is the lack of information sharing and collaboration amongst research institutions. There is also a need to further support Pacific island countries to undertake research.

Subsection 2.4: HFA Priority for Action 4 / equivalent (Sub-)Regional Priority

(Sub-)Regional Indicator 9: DRR is an integral objective of (sub-)regional policies and plans.

Level of Progress achieved

4: Substantial achievement attained but with recognized limitations in capacities and resources

Means of verification

Yes : In (sub-)regional environment policy / plan

Yes : In (sub-)regional climate change adaptation policy / plan

No : In (sub-)regional agricultural policy / plan

No : In (sub-)regional infrastructure policy / plan

No : In (sub-)regional public-private-partnerships

No : In other (sub-)regional policies / plans

Yes : Countries in the (sub-)region have integrated DRR in national legislation, regulation, policies and programmes.

Description

The implementation of the Pacific climate change and DRM frameworks are being coordinated by SPREP and SPC/SOPAC. This includes the development of JNAPs that address climate and disaster risks and implementation supported by DRM and CC partners. This process has also included the review of DRM and CC governance and institutional arrangement in PICs to integrate DRR in national legislation, regulation, policies and programmes.

The UNISDR Sub-Regional Office for the Pacific has undertaken an analysis of the level of mainstreaming DRM into National Sustainable Development Plans of PICs over the period 1996 - 2009. Study analysis showed that 50% (7/14) of the plans address DRM in some capacity.

The European Union (EU) has long supported disaster risk reduction initiatives in the region. Through various funding modalities, EU is helping to ensure that disaster risk management in general is a major priority focus for PICTs. Under the EDF 10 Natural

Disaster Facility for Pacific ACP states which include Timor Leste this support will continue.

The Regional Water and Sanitation Consultation (RWSC) in 2011 provided an opportunity for the sector to commence work towards articulating sentiments against the proposed integrated regional strategy for DRM and CC.

The expanded SPC/GIZ 'Coping with climate change in the Pacific Island Region (CCCPIR)' programme aims to strengthen the capacities of Pacific member countries and regional organisations to cope with the impacts of climate change.

CROP executives established the CROP Executives Subcommittee on Climate Change (CES-CCC) in 2010. This committee is jointly chaired by PIFS and SPREP. Its objective is to advance close collaboration, teamwork and coordination among the climate change support activities of CROP agencies.

The Land Resource Division of the SPC is further integrating DRR and CCA in existing programmes to ensure a sustainable agriculture and forestry sectors.

Context & Constraints

At the regional level progress is made in respect to developing an integrated regional strategy for Disaster Risk Management and Climate Change by 2015. The development of the regional strategy has been endorsed by representatives of Pacific island countries and territories, and development partners. The process of formulating the regional strategy, the 'Roadmap', was endorsed at a series of meetings in 2011.

Some PICs struggle with enforcement of various regulatory instruments such as Environmental Impact Assessments and other mechanisms designed to integrate DRM and CCA into development planning.

In some PICs, traditional land owners have legal rights to over-rule local government regulations (e.g. in RMI). This presents challenges if land owners are not aware of the links between some development practices and DRM/CCA issues.

(Sub-)Regional Indicator 10: (Sub-)regional infrastructure projects have processes to assess disaster risk impacts.

Level of Progress achieved

3:Institutional commitment attained, but achievements are neither comprehensive nor substantial

Means of verification

Yes : Standards and procedures for disaster risk impact assessment

Description

The Pacific Risk Information System contains the different components of PCRAFI which includes an inventory of buildings and major infrastructure for the 15 countries. Approximately 80,000 buildings and major infrastructure (such as roads, bridges, airports and power generation facilities) were inspected during field visits in 11 of the countries providing ground-truthing data on characteristics such as structural system, construction material, occupancy, number of stories, roof shape and material type, and wall material type. The resulting building and infrastructure database is a comprehensive resource for characterizing the building environment in these nations. Lastly, a property exposure database is derived from the building and infrastructure database in combination with expert research on property value and reconstruction costs.

SPC/SOPAC through its technical programmes has helped inform natural resource management and development and natural hazard risk reduction in Pacific Island countries through the conduct of cost – benefit analyses.

A number of countries have developed engineering standards and building codes such as Fiji, Vanuatu and PNG – with Niue in the process of updating building codes as of mid-2012. To assist in this area the South Pacific Engineers Association have pledged to assist in encouraging countries to strengthen the application and enforcement of engineering standards and building codes to help reduce disaster risk. The Fiji Institute of Engineers is in 2011 supporting Fiji's efforts to upgrade the national building code.

The Pacific Region Infrastructure Facility (PRIF) is a multi-partner infrastructure coordination and financing mechanism. PRIF provides a framework for better engagement of countries and development partners to ensure more effective use of available funding and deliver better infrastructure services. PRIF builds on successful activities in the Pacific, helps address gaps in existing infrastructure, and is developing innovative approaches to the problems of delivering infrastructure services in the Pacific.

Context & Constraints

The issue in the Pacific continues to be compliance with building standards and codes.

[Subsection 2.5: HFA Priority for Action 5 / equivalent \(Sub-\)Regional Priority](#)

(Sub-)Regional Indicator 11: (Sub-)regional response mechanism in place to address disaster preparedness, emergency relief and rehabilitation issues across borders.

Level of Progress achieved

4: Substantial achievement attained but with recognized limitations in capacities and resources

Means of verification

Yes : (Sub-)regional coordinating body for disaster management

No : (Sub-)regional response plan

Yes : Trans-boundary preparedness, response and rehabilitation protocols developed and implemented in priority sectors

Description

The Pacific Humanitarian Team (PHT) was established by OCHA in 2009, aims to improve the quality and consistency of international humanitarian response to disasters. In June 2010, the PHT identified the need for an over-arching Regional Inter-Agency Contingency Plan including SOPs to strengthen local authorities' and humanitarian agencies' capacity to support affected populations in times of disaster. SPC/SOPAC and UNISDR with the support of UNESCAP and the World Bank's Global Facility for Disaster Reduction and Recovery (GFDRR) are developing a Damage and Loss Assessment methodology and process for the Pacific region. SPC/SOPAC, upon request and subject to the official declaration of a major disaster event provides technical support to PICs during an event.

The Pacific Enhanced Humanitarian Response Initiative (PEHRI) was Australia's regional disaster risk reduction (DRR) initiative over 3 years up to December 2011, comprised of 7 projects implemented across 14 Pacific Island Countries (PICs). SPC/SOPAC has a mechanism that allows Directors of National Disaster Management Offices to support each other in the event of a disaster and provide direct technical support to countries.

OCHA facilitates the United Nations Disaster Assessment Coordination and has trained and maintained a pool of Pacific Island nationals to deploy when needed. UNDAC deployed teams to Samoa (2009) and Cook Islands (2010).

SPC/SOPAC collaborates with the Australasian Fire Authorities Council (AFAC), Pacific Islands Fire Service Association, OCHA, and The Asia Foundation in a strategic alliance between National Disaster Management Offices, Fire and Emergency Services and AFAC members in Australia and New Zealand. The initiative is seen as a mean to help strengthen disaster/ emergency response within Pacific island countries and specifically to strengthen the interoperability of emergency responders.

Context & Constraints

In terms of hazard assessment the flood event in Fiji highlighted serious shortcomings of some key technical agencies in terms of equipment and manpower to be able to provide accurate baseline data and information to inform planners in relation to flood mitigation measures and as well flood forecasting and early warning systems.

(Sub-)Regional Indicator 12: (Sub-)regional contingency mechanism exists to support countries in post disaster recovery.

Level of Progress achieved

3: Institutional commitment attained, but achievements are neither comprehensive nor substantial

Means of verification

No : (Sub-)regional contingency plan for support to post disaster recovery

Description

The Pacific UN Disaster and Coordination (UNDAC) Team comprising of Pacific Island nationals and partners, is trained and equipped to support countries during the response effort.

The Pacific Catastrophe Risk Assessment and Financing Initiative aims to provide further technical assistance to countries to refine the disaster risk assessment tools and the applications of these tools. The initiative provides PICs with tools to help assess the economic and fiscal impact of disasters and in turn recovery.

The current support to countries by DRM and CC partners through development programmes provides resources to strengthen the recovery effort.

Context & Constraints

National agencies often lack the capacity to undertake a comprehensive impact assessment following a large scale event.

(Sub-)Regional Indicator 13: (Sub-)regional catastrophe risk pooling facility

available.

Level of Progress achieved

2: Some progress, but without systematic policy and/ or institutional commitment

Means of verification

Yes : (Sub-)regional catastrophic risk pooling facility established

No : DRR capacity of national & (sub-)regional insurance entities, & financial institutions enhanced

Description

SPC/SOPAC is currently in the process of developing investment profiles for several PICs. These profiles present a high level desk based assessment of the potential economic costs of a disaster. The profiles also identify the level of investment in DRM and will be used to draw attention to the benefits of investing in Disaster Risk Reduction (DRR) versus the cost of a disaster. Profiles have been completed for Vanuatu, Cook Islands, Republic of the Marshall Islands (RMI), Fiji, and PNG with Niue in draft and Tuvalu in its early stages.

The feasibility of a catastrophe risk pool for the Pacific is being undertaken by the World Bank, Government of Japan and SPC for 5 PICs under the auspices of PCRAFI. The Pacific Disaster Risk Financing and Insurance programme of PCRAFI provides an opportunity for the countries to develop integrated financial solutions for the reduction of their financial vulnerability to natural disasters and to climate change. It aims to assist countries in improving their macroeconomic planning against natural disasters, including ex ante budget planning against natural disasters, post-disaster budget reallocation and execution to allow for efficient post-disaster response, and risk-based investment planning.

Context & Constraints

Following this pilot it is important to see if PICs will further invest in a regional risk pool.

(Sub-)Regional Indicator 14: (Sub-)regional information exchange mechanism in place for effective communication during trans- boundary disasters.

Level of Progress achieved

3: Institutional commitment attained, but achievements are neither comprehensive nor substantial

Means of verification

Yes : (Sub-)regional emergency communication protocols / plans

Description

A number of partners support countries in developing information management systems. This includes initiatives such as the “Strengthening Disaster Information Management Systems (DIMS)” projects in Fiji and Solomon Islands by SPC/SOPAC in collaboration with national Red Cross societies, IFRC, UNISDR, UNOCHA, TAF/OFDA and UNDP. DIMS developed tools and procedures to guide information management primarily to support response but also for disaster risk reduction. The DIMS includes the preparation of

- Baseline data - covering humanitarian indicators from different sectors, pre-disaster reference points for preparedness, response and risk reduction
- Assessments - standardised assessment forms with agreed methodology and capacities
- Disaster loss databases - to capture information on disasters and associated losses and support the systematic collection of assessment information

In 2010 / 2011 OCHA conducted Information Management missions in Cook Islands, Fiji, Kiribati, PNG, Solomon Islands, and Tonga and Vanuatu.

FSM, Palau, PNG and Solomon Islands through their EU B-Envelope allocations have received assistance from SOPAC over the course of 2008 - 2012 to strengthen multihazard early warning communications and construction of emergency operations centres. Outputs include the development of SOPs, construction of and equipment for EOCs, installation of monitoring equipment and capacity development of staff.

A regional mechanism is in place to request the International Space Charter and Sentinel Asia for satellite imagery over affected areas. OCHA, as a member of the Charter, can submit a request for post disaster imagery either through their Geneva headquarters or through UNOOSA and JAXA. Satellite imagery has been provided through this mechanism for a number of disasters.

Context & Constraints

Whilst there are numerous mechanisms in place to facilitate information sharing in non-disaster times, there is still need to strengthen exchange mechanisms during trans-boundary disasters. This will highly depend on resources and skills to facilitate and maintain such communication mechanisms in the region.

Priority for action 1

Summary *(from the National HFA Monitor)*

17 (out of 25) countries have completed their interim report

4 with PRSPs that include DRR initiatives

8 with CCA/ UNDAFs that include DRR elements

13 with climate change policy and strategy that include DRR

12 having included DRR in development plans and strategies

12 with DRR elements in their national development plan

Ø with a specific allocation of funds for DRR in the national budget

11 with operational national multi stakeholder platforms

8 having legal responsibilities and budget allocation for DRR at the local government level

Description

All Pacific Islands Countries have or are in the process of mainstreaming DRM and CC into their national budgetary and planning processes. The process of developing DRM and CC National Action Plans has identified national and sub-national priorities through multi-stakeholder consultations. Resourcing to implement priorities has been through national budget allocations, the AusAID NAP Facility, the ACP-EU Natural Disaster Facility and DRM and CC Partners.

The DRM/CCA JNAP development process identifies lead agencies and defines key roles and responsibilities of the agencies and communities involved and potential areas for collaboration. SPC/SOPAC compiles a regular update of national level DRM mainstreaming initiatives - DRM National Action Plans, JNAPs and other national mainstreaming programmes principally to inform development partners and donors within the Pacific Disaster Risk Management Partnership Network. The information produced is intended to support further collaborative efforts between members of the Partnership Network in assisting PICs to realise their mainstreaming priorities.

The development and implementation of DRM/CCA JNAPs provides development partners a list of priorities identified for support. The integration of CCA and DRM priorities through the same NAP process in the countries involved enhances partner collaboration and effective use of resources available.

A number of regional community focussed DRM and CC initiatives have been implemented by non-government and faith based organisations. Some of these have been done in collaboration with the National Disaster Management Offices.

Most PICs have, or are in the process of establishing, multi-sectoral platforms for disaster risk reduction that also include climate change issues.

Context & Constraints

Institutional capacity at the national level has improved in some PICs, for example in the Cook Islands with the establishment of the climate change division in the Office of the Prime Minister, which also houses Emergency Management Cook Islands, as well as the Renewable Energy Unit.

In other Pacific island countries, implementation and enforcement of DRM legislation and policies still requires strengthening.

This is likely due to the above conditions of understaffing and under-resourcing. The limited capacity has led to a stalling of progress on the policy and legislation relating to DRR/DRM and climate change issues. It was also noted that a Implementation Unit needs to be established and adequately resourced to ensure the JNAP activities proceed accordingly.

Levels of understanding of DRM issues, particularly the stronger focus on Disaster Risk Reduction, amongst some agencies (and community-level structures) remains low and on-going capacity and awareness building is required.

Competing priorities at the sub national levels is making provincial engagement a challenge and provincial governments have capacity and resource constraints in terms of fulfilling their DRM responsibilities. In addition, high turnover amongst staff from different ministries makes maintaining implementation/awareness of DRM a challenge.

Priority for action 2

Summary *(from the National HFA Monitor)*

17 (out of 25) countries have completed their interim report

7 carrying out multi-hazard risk assessments

8 with disaster loss databases

14 with national operational early warning systems in existence

16 participating in regional/ sub-regional DRR programmes and projects

8 with a system to systematically report, monitor and analyze disaster losses

11 with communication systems and protocols in place to disseminate early warning information

Description

All PICs are developing or have developed a Tsunami Response Plan and Standard Operating Procedures (SOPs) for relevant national, provincial and village councils.

The Pacific Catastrophe Risk Assessment and Financing Initiative (PCRAFI) analyses risks from tropical cyclones, earthquakes, and tsunamis as monetary loss and casualties. Country risk profiles were derived from this study and have been completed for all PICs. The analysed data is widely available to all the government agencies and relevant authorities through pacris.sopac.org.

The Australian Tsunami Warning System National Capacity Assessment Project assisted all Pacific island countries to assess their ability to receive, communicate, prepare for and respond to tsunami warnings.

Vanuatu and Solomon Islands NDMOs have developed disaster loss databases of disasters and related impacts using the DesInventar methodology.

Vanuatu, Solomon Islands and Papua New Guinea formed the Melanesian Volcanological Network to provide a mechanism to strengthen volcano monitoring and assessment of associated risks and provide technical and capacity support to national volcano observatories.

A number of regional observing systems have been established through a number of projects. These include HYCOS, the South Pacific Sea Level and Climate Monitoring Project and National Seismic Networks. The data collected is available for the assessment of vulnerabilities and risks related to natural hazards.

FSPI's "Increasing Community Resilience to Natural Disasters through Use of Traditional Coping Strategies" is implemented in Tuvalu and Samoa and incorporates a community-based EWS approach.

JICA is implementing a long term project on "Strengthening the Community-Based Disaster Risk Management Project in the Pacific Region" in Fiji and the Solomon Islands. The projects work with the respective NDMOs and communities in the catchment to establish effective flood warning systems.

Fiji has improved flood warning capacities by strengthening hydrological monitoring in the Ba, Nadi, Navua and Rewa river catchments.

Context & Constraints

While risk prone communities receive timely and accessible warnings of impending hazard events, there are still challenges in this area. These include precisely assessing who should be warned, and how to express the appropriate degree of urgency of the situation to the wide range of people who will receive the warning. The provision of information is not always sufficient. Work is needed to better prepare and present warnings to ensure appropriate action occurs.

A key constraint is that the information generated through the risk assessments is rarely used to inform planning. Part of the problem is that the information is distributed in pockets across different agencies and few people seem to be aware of what is available. High turnover amongst staff also results in officials not always being aware of what is available.

Technical skills and resources needed to conduct in-depth hazard assessments are limited in most Pacific island countries. There is also limited experience and technical know-how concerning the integration of assessment results into sector development planning. And there is little scientific evidence to back up anecdotal information gathered through community consultations.

National multi-hazard risk assessment is mostly done through regional inter-governmental programmes due to little capacities in the Pacific island states.

The level of achievement remains the same signaling there is still a lot to be done to upgrade EWS. The concern noted in the last review still exists on the variations in EW deliveries varying with the different hazards across the countries. NDMOs, often lack in personnel.

Associated with the above is the need reduce the scientific tone of the EW messages and increase content of user friendly languages. To address this requires that technical agencies should develop community communication strategies. Ongoing maintenance of systems are another challenge.

Priority for action 3

Summary *(from the National HFA Monitor)*

17 (out of 25) countries have completed their interim report

6 with national disaster information system publicly available

9 having included DRR in the national educational curriculum

10 having included DRR in primary or secondary school curriculum

5 having professional DRR education programmes

5 having conducted studies on the economic costs and benefits of DRR

5 having included DRR in national research agenda

12 having a country wide public awareness strategy

Description

In the Pacific, a number of information systems have been developed and are being used by PICs for a range of purposes. These include regional databases to host disaster and climate risk information such as PCRAFI pcrafi.sopac.org and PCCSP <http://www.pacificclimatefutures.net/>.

TAF / OFDA and SPC/SOPAC have collaborated with the Fiji National University to address the region's need for academic programmes in disaster risk management.

The Post Graduate Certificate in Disaster Risk Management was launched in mid-2012 and is available to students across the region through online learning. USP has a Post Graduate Diploma and Masters Program in Climate Change. With technical support from SPC and IFRC, USP developed a new disaster management unit as part of this academic program.

In Samoa, a School Curriculum Review to include Disaster Management was undertaken. Outputs of the project included the review of the national school curriculum and the development of the Disaster Risk Modules: Teacher's Resource Kit.

UNECLAC, UNESCAP, UNISDR and SPC are adapting the Damage and Loss Assessment methodology for the Pacific. Pacific Islands' officials from disaster management, planning and finance are part of this collaboration and the first regional pilot training in DALA was conducted in Vanuatu for representatives of 8 PICs from 22 – 24 March 2011.

The UNISDR's Global Campaign 'Making Cities Resilient' theme in the Pacific "Making the Pacific Resilient – My Community is Getting Ready!" promotes increased understanding and commitment by local governments to risk reduction and building resilient cities and communities to disasters and climate change as well as caters for knowledge sharing and increased capacities at local level. In the Pacific region, 10 local governments are participating in the campaign.

Context & Constraints

Every effort should be made to bring a greater strategic focus to DRM training and capacity building. Trainings are currently offered in an ad hoc manner and are often partner agenda driven. There may be a need for a comprehensive capacity and training needs assessment to be conducted across all agencies and at all levels, and for the results to feed into a comprehensive national DRM training strategy and medium-term programme.

There is a limited skills base in-country to conduct in-depth technical multi-hazard risk assessments and cost-benefit analyses. Most technical hazard-based studies that do take place are normally done by partner organisations.

The accessibility to disaster information is problematic. It does not appear there is a reluctance to share information, but the problem lies in the absence of a mechanism whereby information may be shared. This situation is recognised by the NDMO however in the past there has been little or no capacity to redress the issue.

Public awareness campaigns are not institutionalized. There is potential duplication on cross cutting issues as many training providers work independently. Lack of communication between government and NGO's can lead to campaigns which are

not aligned to national priorities. There is no national strategy or collective understanding as to how media can assist in awareness programs although they are currently an important partner.

Quite a few Pacific island countries have or are in the process to integrate principles of disaster risk reduction and hazard information into the school curriculum. Specific education materials have been developed for school grades 6 – 8 for typhoon, drought, earthquake, landslides and tsunamis.

Language is also another difficult and challenging area as most DRM terms are scientific and have to be carefully translated to ensure the public (all age groups) can understand.

Priority for action 4

Summary *(from the National HFA Monitor)*

17 (out of 25) countries have completed their interim report

13 with mechanisms in place to protect and restore regulatory ecosystems services
10 with social safety nets to increase the resilience of risk prone households and communities

6 taking measures to address gender based issues in recovery

8 investing in reducing the risk of vulnerable urban settlements

7 explicitly incorporating budget for DRR in post-disaster recovery programmes

10 taking account of the impacts of disaster risk in Environment Impact Assessment (EIA)

Description

Although there are many good initiatives in the PICs making progress in addressing underlying risk factors through various policy and planning instruments, such as (J)NAPs, risk considerations are rarely integrated in the formulation and implementation of environmental, social and economic development policies and plans.

A few examples of addressing this Priority for action are:

The Samoa Infrastructure and Asset Management (SIAM) project has been undertaken in 2010 to address climate change and other hazards. The project aimed to reduce Samoa's coastal vulnerability and strengthen institutional and community response capability, land use planning and disaster management frameworks.

Microfinance schemes are becoming more prevalent across many PICs. For example,

in RMI, small loans can be taken out by fishermen, farmers and handicraft makers. In 2010 the Fiji Institution of Engineers (FIE) realized certain shortcomings and the legal consequences of using some sections of the National Building Code (NBC), Fiji Islands under the Public Health Regulations 2004. Some referenced Standards and Codes in the NBC together with certain laws in the building and construction industries in the last 20 years or so have changed. In addition a lot has evolved in areas of natural disasters, climate change adaptation and mitigation. These changes have legal implications. The FIE proposed to the Minister for Health, Fiji, to review the NBC. Last year the FIE was authorized to lead the review process. Initial consultation of the stakeholders took place in October 2011.

Context & Constraints

In many Pacific island countries challenges identified by national stakeholders include the lack of enforcement and transparency of many of legislative instruments and policies and plans. Many feel there is a degree of lack of accountability relating to these instruments and as such, there is limited implementation of the policies and plans.

There remains a lack of a managed approach to development of human settlements, and lack of awareness of the links between zoning, development and vulnerability to disasters. The continuation of limited understanding of the needs for building codes, or at least a managed approach to development leads to high levels of vulnerability both in urban areas and Outer Islands.

To increase understanding and capacity in this area, it may be necessary to provide training for physical and social planners on practical applications of DRR in recovery planning.

There is still lack of awareness and seriousness to integrated DRM and CC in consideration of development by government sectors.

Priority for action 5

Summary *(from the National HFA Monitor)*

17 (out of 25) countries have completed their interim report

16 having national programmes or policies to make schools and health facilities safe in emergencies

- 8 conducting training and mock drills in school and hospitals for emergency preparedness
- 16 having contingency plans and procedures to deal with major disasters
- 11 having financial arrangements in place to deal with major disasters
- 12 having capacity in damage and loss assessment methodologies
- 5 having catastrophe insurance facilities in place

Description

SPC/SOPAC provides DRM technical advice and policy support to PICTs. This include the support provided through the EU EDF 9-funded B-Envelope project to Palau, PNG, Federated States of Micronesia and the Solomon Islands to enhance their response capacity by building and resourcing Emergency Operation Centres and providing communications equipment.

The Australasian Fire and Emergency Services Authorities Council (AFAC) maintains an active membership of the Pacific Islands Fire Services Association and provides capacity building across the region. For example, in May 2011, an MOU was signed between the State of Queensland represented by the Department of Community Safety (through Queensland Fire and Rescue Service) and the State of Papua New Guinea represented by the Ministry of Inter-Government Relations (through Papua New Guinea Fire Service). The agreement, which lasts for 3 years, commits Queensland Fire and Rescue Service to assist where possible in the building of capability, capacity, sustainability and resilience in the provision of emergency response into PNG. Queensland Fire and Rescue Service also provides redundant equipment to PNG Fire Service, in addition to offering traineeships for six Fire officers from PNG who are participating in a scholarship program.

Under the Pacific Disaster Risk Financing and Insurance Program of PCRAFI, technical advice will be provided to countries to help improve their macroeconomic planning against natural disasters, including ex ante budget planning against natural disasters, post-disaster budget reallocation and execution to allow for efficient post-disaster response, and risk-based investment planning.

Under existing DRM arrangements, PICs have in place processes to exchange information with other national and non-government agencies during disasters. OCHA also has a mechanism in place to facilitate the exchange of information with the PHT and UNDAC if requested by countries.

Context & Constraints

A recurring problem is that institutional and technical capacities at the national level are constrained by the difficulty of recruiting and retaining skilled staff in small island countries.

Gaps in contingency planning include a general lack of hazard specific response plans for key hazards. A

thorough review of the context specific requirements of all hazards is required to determine if the current response procedures and SOPs are adequate to cover all kinds of hazards.

In some Pacific island countries problems have arisen in accessing search and rescue contingency fund when reimbursements of private operators who have responded to calls of assistance have been delayed potentially reducing the immediate assistance historically provided. There is no requirement for disaster funds to be allocated within sectoral budgets.

Challenges include limited resources to implement policies, limited awareness and ownership of policies amongst stakeholders, limited technical capacity amongst staff, limited public understanding regarding the importance of being prepared and a lack of political will to invest in disaster preparation and risk reduction. In some Pacific island countries there is still reliance on international support during disasters which serves to remove the incentive for government to invest in, and strengthen, its DRM arrangements and programming.

Training and drills need to take place more regularly, especially for tsunami, but this requires funding constraints to be overcome. Disaster Management plans also require mechanisms to test and update them on a more regular basis. Outcomes of drills are not always properly analyzed and greater attention is needed on strengthening systems based on weaknesses identified during drills.

Most Pacific islands countries identified coordination of planning and implementation of preparedness and contingency planning programmes including reporting as an ongoing need to be strengthened.

[Regional projects & initiatives](#)

16th Regional Disaster Managers Meeting

Start Date: 2010-08-01

End Date: 2010-08-31

Related to theme: Disaster Risk Management;

Region: Oceania;

Country: American Samoa; Australia; Cook Islands; Fiji; French Polynesia; Guam; Kiribati; Marshall Islands; Nauru; New Caledonia; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tokelau; Tonga; Tuvalu; Vanuatu; Wallis and Futuna Islands;

Description of the project/initiative:

Objective: To conduct the 16th Regional Disaster Managers Meeting from 7th - 11th August 2010.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: The Asia Foundation (TAF), United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA), International Federation of Red Cross and Red Crescent Societies (IFRC), United States Agency for International Development (USAID), United Nations International Strategy for Disaster

Funding source/agency: United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA), United Nations Development Programme (UNDP), The Asia Foundation (TAF), United States Agency for International Development (USAID), United Nations International Strategy for Disa

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

5th Pacific DRM Partnership Network Meeting

Start Date: 2010-08-12

End Date: 2010-08-13

Related to theme: Disaster Risk Management;

Region: Oceania;

Country: American Samoa; Cook Islands; Fiji; French Polynesia; Guam; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; New Caledonia; Niue; Palau;

Papua New Guinea; Samoa; Solomon Islands; Tokelau; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objective: To conduct the 5th Pacific DRM Partnership Network Meeting from 12th - 13th August 2010.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: The Asia Foundation (TAF), United Nations Development Programme (UNDP), United Nations International Strategy for Disaster Reduction (UNISDR)

Funding source/agency: The Asia Foundation (TAF), United States Agency for International Development (USAID), United Nations Development Programme (UNDP), United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA), United Nations International Strategy for Disa

Contact Person:

Moses Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

ACP-EU Natural Disaster Facility

Start Date: 2009-01-01

End Date: 2013-12-31

Related to theme: Community-based DRR; Disaster Risk Management; Information Management; Risk Identification & Assessment;

Region: Oceania;

Country: Cook Islands; Fiji; Kiribati; Micronesia, Fed States of; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objective: Development and implementation of Disaster Risk Management (DRM) National Actions Plans (NAP) for Pacific ACP countries.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Capacity building for tsunami risk assessment in SW Pacific phase 3

Start Date: 2010-07-01

End Date: 2012-06-30

Related to theme: Capacity Development; Early Warning; Risk Identification & Assessment;

Region: Oceania;

Country: Tonga;

Description of the project/initiative:

-- not complete --

Total Costs (in USD): \$326143.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), Geoscience Australia (GA)

Funding source/agency: Australian Agency for International Development (AusAID)

Contact Person:

Tukatara Tangi, Australian Agency for International Development (AusAID)

Coastal Hazard Policy

Start Date: 2008-08-01

End Date:

Related to theme: -- not complete --

Region: Oceania;

Country: Niue;

Description of the project/initiative:

Objective: WS & Policy for coastal development

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Coping Climate Change Pacific Island Region

Start Date: 2009-01-01

End Date: 2015-12-31

Related to theme: Capacity Development; Civil Society/NGOs; Climate Change; Community-based DRR; Economics of DRR; Education & School Safety; Governance; Information Management; Risk Identification & Assessment; Structural Safety; Urban

Risk & Planning; Vulnerable Populations; Water;

Region: Oceania;

Country: Fiji; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; Papua New Guinea; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: Support the capacities of regional organisations in the Pacific Islands region and its member states to adapt to climate change and mitigate its causes are strengthened.

Total Costs (in USD): \$21336357.00

Implementing agencies:

Lead: Secretariat of the Pacific Community (SPC), Secretariat of the Pacific Regional Environment Programme (SPREP), University of South Pacific (USP)

Funding source/agency: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

Contact Person:

Dr Wulf Killmann, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

Development and Establishment of the Melanesian Volcanological Network (MVN)

Start Date: 2007-01-01

End Date:

Related to theme: Community-based DRR; Information Management;

Region: Oceania;

Country: Papua New Guinea; Solomon Islands; Vanuatu;

Description of the project/initiative:

Objectives: "The MVN will facilitate improved response to volcano hazards in Vanuatu, PNG and the Solomon Islands. The purpose is to reduce volcanic risk in Melanesia by providing a framework for the exchange and sharing of the volcanological resources of Papua New Guinea, Solomon Islands, and Vanuatu on a sub-regional basis.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), Geoscience Australia (GA), Australian Agency for International Development (AusAID)

Contact Person:

Michael Bonte, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Development and Implementation of a DRM Mainstreaming Programme for PNG

Start Date: 2010-01-01

End Date: 2013-01-31

Related to theme: Capacity Development; Civil Society/NGOs; Climate Change; Community-based DRR; Disaster Risk Management; GIS & Mapping; Governance; Information Management; Recovery;

Region: Oceania;

Country: Papua New Guinea;

Description of the project/initiative:

Objectives: "To assist PNG to develop and implement a DRM Mainstreaming Programme as a 'NAP' type programme"

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: United Nations Development Programme (UNDP)

Funding source/agency: United Nations Development Programme (UNDP), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Development and Implementation of Fiji's DRM National Action Plan

Start Date: 2008-01-01

End Date: 2013-12-31

Related to theme: Capacity Development; Civil Society/NGOs; Climate Change; Community-based DRR; Complex Emergency; Disaster Risk Management; Early Warning;

Region: Oceania;

Country: Fiji;

Description of the project/initiative:

Objectives: To assist Fiji to develop and implement a DRM National Action Plan

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Development and Implementation of FSM Joint DRM/CCA National Action Plan

Start Date: 2008-01-01

End Date: 2013-12-31

Related to theme: Capacity Development; Disaster Risk Management; Early

Warning; Governance; Recovery; Risk Identification & Assessment;

Region: Oceania;

Country: Micronesia, Fed States of;

Description of the project/initiative:

Objectives: To assist FSM to develop and implement a DRM/CCA NAP

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Development and Implementation of Tonga's CCA/DRM National Action Plan

Start Date: 2009-01-01

End Date: 2013-12-31

Related to theme: Capacity Development; Community-based DRR; Complex Emergency; Disaster Risk Management; Early Warning; Governance; Recovery; Risk Identification & Assessment;

Region: Oceania;

Country: Tonga;

Description of the project/initiative:

Objectives: To assist Tonga to develop and implement a joint CCA/DRM National Action Plan

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: Secretariat of the Pacific Regional Environment Programme (SPREP)

Funding source/agency: Global Environment Facility (GEF), United Nations Development Programme (UNDP), Secretariat of the Pacific Regional Environment Programme (SPREP), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Development of a Projects and Capacities Portal for the Pacific Disaster Risk Management Partnership Network (PDRMPN)

Start Date:

End Date:

Related to theme: Capacity Development; Civil Society/NGOs; Information Management; Public-private Partnerships;

Region: Oceania;

Country: American Samoa; Australia; Cook Islands; Marshall Islands; Micronesia, Fed States of; New Caledonia; New Zealand; Niue; Palau; Papua New Guinea; Samoa; Tokelau; Tonga; Tuvalu; Vanuatu; Wallis and Futuna Islands;

Description of the project/initiative:

Objectives: Support information management about capacities and activities (projects) of PDRMPN partners

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: -- not complete --

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Disaster Awareness Week and UN-ISDR Disaster Risk Reduction Day

Start Date: 2011-10-15

End Date:

Related to theme: Capacity Development; Education & School Safety;

Region: Oceania;

Country: Cook Islands;

Description of the project/initiative:

Objectives: To strengthen communities, businesses and youth in Disaster Risk Reduction awareness. The activities for the day aligned with the United Nations International Strategy for Disaster Reduction (ISDR) theme for 2011...Youth, step up for Disaster Risk Reduction!

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Emergency Management Cook Islands (EMCI)

Partner: Cooks Islands Red Cross (CIRC), Te Aponga Uira, Te Aponga Uira - Power Station

Funding source/agency: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Contact Person:

William Tuivaga, Emergency Management Cook Islands (EMCI)

Disaster Risk Reduction in Eight Pacific ACP States [drinking water]

Start Date: 2008-01-01

End Date: 2012-12-31

Related to theme: Critical Infrastructure; Vulnerable Populations; Water;

Region: Oceania;

Country: Micronesia, Fed States of; Papua New Guinea; Solomon Islands; Tonga; Tuvalu;

Description of the project/initiative:

Objectives: Building community resilience in providing access to safe drinking water and strengthening emergency operations and communications

Total Costs (in USD): \$11385159.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

George Beck, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Disaster Risk Reduction in Eight Pacific ACP States [emergency operations and communications

Start Date: 2007-10-01

End Date: 2011-12-31

Related to theme: Critical Infrastructure; Disaster Risk Management; Early Warning;

Region: Oceania;

Country: Micronesia, Fed States of; Nauru; Palau; Papua New Guinea; Solomon Islands; Tonga; Tuvalu;

Description of the project/initiative:

Objectives: Building community resilience in providing access to safe drinking water and strengthening emergency operations and communications

Total Costs (in USD): \$11385159.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

George Beck, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

DRR Project Portal Cook Islands National Pilot

Start Date: 2012-02-15

End Date: 2012-12-15

Related to theme: Climate Change; Disaster Risk Management; Governance; Information Management;

Region: Oceania;

Country: Cook Islands;

Description of the project/initiative:

Objectives: Implement the national pilot of the Disaster Risk Reduction Project Portal for the Cook Islands

Total Costs (in USD): \$50705.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: Emergency Management Cook Islands (EMCI)

Funding source/agency: Asian Disaster Preparedness Center (ADPC)

Contact Person:

Jutta May, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Emergency Operational Exercise - Tuvalu

Start Date:

End Date:

Related to theme: -- not complete --

Region: Oceania;

Country: Tuvalu;

Description of the project/initiative:

Objectives: To test the emergency operational capabilities of the various Tuvaluan Government agencies

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), The Asia Foundation (TAF), United States Agency for International Development (USAID)

Contact Person:

Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Finalisation of New DRM Arrangements and Legislation - Fiji

Start Date: 2009-06-01

End Date: 2013-12-31

Related to theme: Disaster Risk Management;

Region: Oceania;

Country: Fiji;

Description of the project/initiative:

Objectives: This involves the finalisation of the new national arrangements and supporting legislation which was initially drafted in 2006

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific C

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Follow up training (Cook Islands)

Start Date: 2008-06-01

End Date:

Related to theme: Capacity Development; Disaster Risk Management; GIS & Mapping;

Region: Oceania;

Country: Cook Islands;

Description of the project/initiative:

Objectives: GIS to support DRM

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Implementation of Comprehensive Hazard and Risk Management in Pacific Countries

Start Date: 2002-01-01

End Date:

Related to theme: Capacity Development; Disaster Risk Management; Vulnerable Populations;

Region: Oceania;

Country: American Samoa; Cook Islands; Fiji; French Polynesia; Guam; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; New Caledonia; Niue; Papua New Guinea; Samoa; Solomon Islands; Tokelau; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: Comprehensive Hazard and Risk Management or CHARM is a decision making tool that has been developed to assist the process of mainstreaming disaster risk management on an 'all hazards' basis across the region and to improve the capacity of individual Pacific island nations and communities to reduce their vulnerability and manage disasters when they occur

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), New Zealand's International Aid & Development Agency (NZAID), Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Contact Person:

Moses Sikivou, Applied Geoscience and Technology Division (SOPAC) of the

Secretariat of the Pacific Community (SPC) (SOPAC)

Implementation of Pacific Disaster Net

Start Date: 2006-06-01

End Date:

Related to theme: Capacity Development; Disaster Risk Management; Information Management;

Region: Oceania;

Country: American Samoa; Australia; Cook Islands; Fiji; French Polynesia; Guam; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; New Caledonia; New Zealand; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tokelau; Tonga; Tuvalu; Wallis and Futuna Islands;

Description of the project/initiative:

Objectives: A web portal and database system to support DRM capacity building through the provision of relevant data and information management

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: United Nations Development Programme (UNDP), United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA), International Federation of Red Cross and Red Crescent Societies (IFRC), United Nations International Strategy for Disaster Reduction (UNISDR)

Funding source/agency: -- not complete --

Contact Person:

Jutta May, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Implementation of the DRM National Action Plan - RMI

Start Date: 2008-01-01

End Date: 2010-12-31

Related to theme: Disaster Risk Management;

Region: Oceania;

Country: Marshall Islands;

Description of the project/initiative:

Objectives: The DRM National Action Plan is the outcome of an extensive process of research and consultations resulting in the identification of key DRR and DM actions intended to address hazard risk and reduce the vulnerability of the communities

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA), International Federation of Red Cross and Red Crescent Societies (IFRC), United Nations Development Programme (UNDP), United Nations International Strategy for Disaster Reduction (UNISDR)

Funding source/agency: -- not complete --

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Implementation of the DRM National Action Plan - Vanuatu (2)

Start Date: 2008-01-01

End Date: 2010-12-31

Related to theme: Disaster Risk Management;

Region: Oceania;

Country: Vanuatu;

Description of the project/initiative:

Objectives: The DRM National Action Plan is the outcome of an extensive process of research and consultations resulting in the identification of key DRR and DM actions intended to address hazard risk and reduce the vulnerability of the communities

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Implementation of the Palau National DRM Framework 2010

Start Date: 2010-01-01

End Date: 2013-12-31

Related to theme: Capacity Development; Community-based DRR; Complex Emergency; Disaster Risk Management; Early Warning; Governance; Recovery; Risk Identification & Assessment;

Region: Oceania;

Country: Palau;

Description of the project/initiative:

Objectives: "To assist the Government of Palau with the implementation of key priorities in relation to the Palau National DRM Framework 2010

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Moses Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Initial consultation and gathering of existing hazard & vulnerability data for study site (FSM)

Start Date: 2008-05-01

End Date:

Related to theme: -- not complete --

Region: Oceania;

Country: Micronesia, Fed States of;

Description of the project/initiative:

Objectives: Hazard & risk data integrated in Resource Information Centre

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Initial consultation and gathering of existing hazard & vulnerability data for study site (Palau)

Start Date: 2008-05-01

End Date:

Related to theme: -- not complete --

Region: Oceania;

Country: Palau;

Description of the project/initiative:

Objectives: Hazard & risk data integrated in Resource Information Centre

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Integrated Flood Management in the Pacific - Nadi Flood Pilot

Start Date: 2010-06-23

End Date: 2013-12-31

Related to theme: Early Warning; Risk Identification & Assessment;

Region: Oceania;

Country: Fiji;

Description of the project/initiative:

-- not complete --

Total Costs (in USD): \$139000.00

Implementing agencies:

Lead: World Bank (WB)

Partner: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), Fiji Meteorological Service (FMS)

Funding source/agency: Global Facility for Disaster Reduction and Recovery (GFDRR)

Contact Person:

Michael Bonte-Grapentin, World Bank

Island Climate Update

Start Date: 2000-01-01

End Date:

Related to theme: Capacity Development; Climate Change; Disaster Risk Management; Risk Identification & Assessment; Water;

Region: Oceania;

Country: American Samoa; Australia; Fiji; French Polynesia; Guam; Kiribati; Nauru; New Caledonia; Northern Mariana Islands; Papua New Guinea; Solomon Islands; Tokelau; Tonga; Tuvalu; Wallis and Futuna Islands;

Description of the project/initiative:

Objectives: "The Island Climate Update (ICU) is a regional climate bulletin that covers the South Pacific. It was initiated in 2000 to ensure that Pacific Island countries have access to accurate and timely climate outlooks and projections to assist the preparation for, and management of the risks, associated with climate and extreme climate events.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: National Institute of Water and Atmospheric Research (NIWA)

Partner: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), Australian Bureau of Meteorology (BOM), National Oceanic and Atmospheric Administration (NOAA), Secretariat of the Pacific Regional Environment Programme (SPREP), MeteoFrance

Funding source/agency: New Zealand's International Aid & Development Agency

(NZAID), National Oceanic and Atmospheric Administration (NOAA)

Contact Person:

Dr. Andrew Lorrey, National Institute of Water and Atmospheric Research (NIWA)

Kiribati Adaptation Project. Phase II: Climate information for Risk Management

Start Date: 2007-09-01

End Date: 2010-04-30

Related to theme: Capacity Development; Climate Change; Critical Infrastructure; Insurance & Risk Transfer; Water;

Region: Oceania;

Country: Kiribati;

Description of the project/initiative:

Objectives: "The Kiribati Adaptation (Phase 2 Implementation) Project aims to develop and demonstrate the systematic diagnosis of climate-related problems and the design of cost-effective adaptation measures, while continuing to integrate climate risk awareness and responsiveness into economic and operational planning. This component consisted of deriving assessments of extreme rainfall, drought and coastal conditions and how these extreme conditions may change by 2100 due to different climate change scenarios as input to infrastructure design. Training workshops and other capacity building activities were held in Kiribati to build capacity within Kiribati Government Departments in using the data and information within risk reduction and adaptation planning.

Total Costs (in USD): \$6580000.00

Implementing agencies:

Lead: National Institute of Water and Atmospheric Research (NIWA)

Partner: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), Global Environment Facility (GEF), New Zealand's International Aid & Development Agency (NZAID)

Contact Person:

Doug Ramsay, National Institute of Water and Atmospheric Research (NIWA)

Navua Local Level Risk Management Project

Start Date: 2007-09-09

End Date:

Related to theme: Disaster Risk Management; Vulnerable Populations;

Region: Oceania;

Country: Fiji;

Description of the project/initiative:

Objectives: "The major objective of the Navua project is to strengthen local level risk management by building linkages between local government and risk sensitive community, improving preparedness mechanisms of communities and reducing flood risk in the Navua region

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: United Nations Development Programme Pacific Centre (UNDP PC), Fiji Red Cross Society, Live and Learn Environmental Education, National Disaster Management Office - Fiji (NDMO)

Funding source/agency: Australian Agency for International Development (AusAID), British High Commission in Fiji, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Contact Person:

Stephanie Zoll, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Pacific Disaster Risk Management Program 2 (PDRMP-2)

Start Date: 2010-07-01

End Date: 2013-06-30

Related to theme: Capacity Development;

Region: Oceania;

Country: Cook Islands; Fiji; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: "The PDRMP-2 aims to improve the capacity and performance of local and national disaster management agencies, develop and adapt training materials relevant to the region, and strengthen the capacity of South Pacific nations to organise and conduct disaster management courses.

Total Costs (in USD): \$350000.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: The Asia Foundation (TAF), United States Agency for International Development (USAID)

Funding source/agency: United States Agency for International Development (USAID)

Contact Person:

Kathryn Hawley, TAF/OFDA

Pacific Enhanced Humanitarian Response Initiative (PEHRI)

Start Date: 2008-04-01

End Date: 2011-12-31

Related to theme: Community-based DRR; Disaster Risk Management;

Region: Oceania;

Country: Cook Islands; Fiji; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; Niue; Palau; Samoa; Solomon Islands; Tuvalu; Vanuatu;

Description of the project/initiative:

-- not complete --

Total Costs (in USD): \$10974600.00

Implementing agencies:

Lead: Australian Agency for International Development (AusAID)

Partner: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), United Nations Childrens Fund (UNICEF), Australian Red Cross (ARC), Act for Peace, CARE Australia, Caritas Australia, ActionAid Australia

Funding source/agency: Australian Agency for International Development (AusAID)

Contact Person:

Tukatara Tangi, Australian Agency for International Development (AusAID)

Pacific HYCOS - Hydrological Cycle Observing Systems

Start Date: 2007-11-01

End Date: 2010-12-31

Related to theme: Capacity Development; Complex Emergency; Critical Infrastructure; Disaster Risk Management; Early Warning; Environment; Information Management;

Region: Oceania;

Country: Cook Islands; Fiji; Marshall Islands; Micronesia, Fed States of; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: "Installing monitoring systems to collect water resource data, fundamental to any water resource related project; you cant manage what you don't measure!

- Water Resources assessment in major rivers
- Water Resources databases
- Flood monitoring and forecasting
- Drought monitoring and forecasting
- Groundwater monitoring and assessment
- Water quality monitoring and assessment

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: Fiji Meteorological Service (FMS), World Meteorological Organisation (WMO)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Peter Sinclair, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Pacific Platform for Disaster Risk Management

Start Date: 2010-01-01

End Date: 2010-10-01

Related to theme: Disaster Risk Management; Governance;

Region: Oceania;

Country: American Samoa; Cook Islands; Fiji; French Polynesia; Guam; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; New Caledonia; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tokelau; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: "The purpose of the Pacific Platform for DRM is to provide a comprehensive forum for exchange and sharing of experiences within the Pacific, in relation to policy and operational aspects of disaster risk reduction, disaster management, and the link to climate change adaptation. The Pacific Platform seeks to harmonise existing regional mechanisms for DRM and serves as the link between Pacific Island Countries and the Global Platform for Disaster Risk Reduction. It is co-convened by SOPAC and UNISDR

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: United Nations International Strategy for Disaster Reduction (UNISDR)

Funding source/agency: Australian Agency for International Development (AusAID)

Contact Person:

Stephaine Zoll, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Pacific Regional Disaster Database using the DesInventar methodology

Start Date: 2012-06-05

End Date: 2013-03-31

Related to theme: Economics of DRR; Information Management; Social Impacts & Resilience;

Region: Oceania;

Country: Cook Islands; French Polynesia; Guam; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; New Caledonia; Niue; Northern Mariana Islands; Palau; Papua New Guinea; Samoa; Solomon Islands; Tokelau; Tuvalu; Vanuatu; Wallis and Futuna Islands;

Description of the project/initiative:

Objectives: Establish a Pacific regional disaster loss database using the DesInventar methodology covering 22 Pacific island countries and territories: American Samoa, Cook Islands.

Total Costs (in USD): \$92974.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC). Partner: none

Funding source/agency: United Nations International Strategy for Disaster Reduction (UNISDR)

Contact Person:

Jutta May, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Palau Hazard Risk Project

Start Date:

End Date:

Related to theme: -- not complete --

Region: Oceania;

Country: Palau;

Description of the project/initiative:

Objectives: Tsunami vulnerability assessment incorporated into the GIS Training for DRR and DM in PICs as well as a Review of the National Disaster Management Plan.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Reducing Vulnerabilities of Pacific ACP States (EDF 8)

Start Date:

End Date:

Related to theme: Capacity Development; Community-based DRR; Disaster Risk Management; Early Warning; Economics of DRR; GIS & Mapping; Governance; Information Management; Risk Identification & Assessment; Space Technology; Water;

Region: Oceania;

Country: Fiji; Kiribati; Papua New Guinea; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: Strengthening integrated development in Pacific ACP States by concentrating on three key focal areas in the island system: hazard mitigation and risk assessment; aggregates for construction; and water resources supply and sanitation.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Reducing Vulnerabilities of Pacific ACP States (EDF 9)

Start Date: 2008-01-01

End Date: 2012-12-31

Related to theme: Civil Society/NGOs; Community-based DRR; Disaster Risk Management; Early Warning; Economics of DRR; GIS & Mapping; Governance; Information Management; Risk Identification & Assessment; Space Technology; Water;

Region: Oceania;

Country: Cook Islands; Marshall Islands; Micronesia, Fed States of; Nauru; Niue; Palau;

Description of the project/initiative:

Objectives: Strengthening integrated development in Pacific ACP States by concentrating on three key focal areas in the island system: hazard mitigation and risk assessment; aggregates for construction; and water resources supply and sanitation.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Review of national disaster management plan and arrangements (Palau)

Start Date: 2008-09-01

End Date:

Related to theme: Disaster Risk Management; Governance;

Region: Oceania;

Country: Palau;

Description of the project/initiative:

Objectives: Proposed improvements to national disaster management plan.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Review of National DRM Governance Arrangements in Kiribati

Start Date: 2010-01-01

End Date: 2011-12-31

Related to theme: Capacity Development; Civil Society/NGOs; Climate Change; Community-based DRR; Disaster Risk Management; Early Warning; Gender; Governance; Information Management; Recovery; Risk Identification & Assessment; Water;

Region: Oceania;

Country: Kiribati;

Description of the project/initiative:

Objectives: To assist Kiribati to review the 1993 National Disaster Act and National Disaster Management Plan (circa 1995) and implement key priorities that arise out of the review to address deficiencies in DRR, DM and DRM mainstreaming into national, sectoral and local planning processes.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC).

Partner: International Federation of Red Cross and Red Crescent Societies (IFRC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Review of National DRM Governance Arrangements in Tuvalu

Start Date: 2012-01-01

End Date: 2011-12-31

Related to theme: Capacity Development; Civil Society/NGOs; Climate Change; Community-based DRR; Disaster Risk Management; Early Warning; Gender;

Governance; Information Management; Recovery; Risk Identification & Assessment; Water;

Region: Oceania;

Country: Tuvalu;

Description of the project/initiative:

Objective: To assist Tuvalu to review the 1999 National Disaster Act and implement key priorities that arise out of the review to address deficiencies in DRR, DM and DRM mainstreaming.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Partner: International Federation of Red Cross and Red Crescent Societies (IFRC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Strengthen Pacific DRM through AusAID NAP Facility

Start Date: 2008-11-01

End Date: 2011-12-31

Related to theme: Disaster Risk Management;

Region: Oceania;

Country: Cook Islands; Fiji; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: Support the development of Disaster Risk Reduction (DRR) and Disaster Management (DM) National Action Plans (NAPs)

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: World Bank (WB), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Tukatara Tangi, Department of Foreign Affairs and Trade - Australia (DFAT)

Strengthening DRM capacity through AusAID NAP Facility

Start Date: 2008-01-01

End Date: 2011-12-31

Related to theme: Climate Change; Community-based DRR; Disaster Risk Management; Early Warning; Economics of DRR; GIS & Mapping; Governance; Information Management; Risk Identification & Assessment; Space Technology; Water;

Region: Oceania;

Country: Cook Islands; Fiji; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objective: Support the development of Disaster Risk Reduction and Disaster Management National Action Plans (NAPs)

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Strengthening of NDMO Information Systems

Start Date: 2010-01-01

End Date:

Related to theme: Capacity Development; Information Management;

Region: Oceania;

Country: Cook Islands; Fiji; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objective: Support provided to enhance capacity of NDMO information systems through the provision of technical advice, the procurement of relevant hardware and software applications, and the conduct of related training.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC).

Partner: New Zealand's International Aid & Development Agency (NZAID)

Funding source/agency: Australian Agency for International Development (AusAID), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Support the implementation of DRM Governance Arrangements in the Solomon Islands

Start Date: 2008-01-01

End Date: 2013-12-31

Related to theme: Capacity Development; Civil Society/NGOs; Climate Change; Community-based DRR; Disaster Risk Management; Early Warning; GIS & Mapping; Governance; Information Management; Recovery; Risk Identification & Assessment;

Region: Oceania;

Country: Solomon Islands;

Description of the project/initiative:

Objective: To assist the SI NDMO to implement aspects of the new DRM governance arrangements and as well the new SI NDMO Coporate Plan as part of a phased approach to the implementation of the DRM National Action Plan

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Support to Pacific Islands National Fire Agencies

Start Date: 2006-01-01

End Date:

Related to theme: Capacity Development;

Region: Oceania;

Country: -- not complete --

Description of the project/initiative:

Objective: Support provided to support capacity building for members of the various national fire services in the Pacific. This largely involves the costs of supporting technical experts from counterpart fire authorities in Australia and NZ to conduct specialised training; the participation of fire service personnel at training courses in overseas countries; and the deployment of ex-Australia/NZ fire service equipment and vehicles to Pacific countries

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: Australian Agency for International Development (AusAID), Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC), Australasian Fire and Emergency Service Authorities Council (AFAC)

Contact Person:

Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Support to PIC representatives to attend regional and international conferences and meetings

Start Date: 2008-01-01

End Date:

Related to theme: Disaster Risk Management;

Region: Oceania;

Country: American Samoa; Australia; Cook Islands; Fiji; French Polynesia; Guam; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; New Caledonia; New Zealand; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tokelau; Tonga; Tuvalu; Vanuatu; Wallis and Futuna Islands;

Description of the project/initiative:

Objective: Support provided to facilitate PIC participation in meetings and conferences which will contribute to the strengthening of national institutions for DRM.

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: New Zealand's International Aid & Development Agency (NZAID)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Supporting Disaster Risk Reduction in Pacific OCTs

Start Date:

End Date:

Related to theme: Community-based DRR; Disaster Risk Management; Governance; Information Management; Risk Identification & Assessment;

Region: Oceania;

Country: French Polynesia; New Caledonia; Wallis and Futuna Islands;

Description of the project/initiative:

Objective: The overall objective of the project is to contribute to reducing the vulnerability of Pacific Overseas Countries and Territories' (OCT) communities of French Polynesia, New Caledonia, Pitcairn Islands, and Wallis and Futuna to losses and impacts from natural and anthropogenic disasters and from the impacts from climate change and weather extremes as the best approach to adapt to future climate change (12 June 2009).

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Mosese Sikivou, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Sustainable Integrated Water Resources and Wastewater Management Project in PIC's

Start Date: 2009-01-01

End Date: 2013-12-31

Related to theme: Capacity Development; Civil Society/NGOs; Environment; Gender; GIS & Mapping; Governance; Information Management; Media;

Region: Oceania;

Country: Cook Islands; Fiji; Kiribati; Marshall Islands; Micronesia, Fed States of; Nauru; Niue; Palau; Papua New Guinea; Samoa; Solomon Islands; Tonga; Tuvalu; Vanuatu;

Description of the project/initiative:

Objectives: Overall Project objective is to improve water resource and wastewater management and water use efficiency in the in PIC's to balance over and conflicting uses of scarce freshwater resources through policy and legislative reform and implementation of applicable and effective IWRM and WUE plans.

1. Demonstration projects in 14 countries to ensure that potential project implementation measures for both adaptation and mitigation of climate change effects are taken into account using a no regrets approach.
2. Regional component focussing on national IWRM strategic planning and linking to the no regrets approaches from demo's
3. Regional component allows for linking into the National Water Apex bodies including climate as joint steering committees.

Total Costs (in USD): \$10700000.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC).

Partner: United Nations Development Programme (UNDP), United Nations Environment Programme (UNEP).

Funding source/agency: Global Environment Facility (GEF)

Contact Person:

Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

The 2009/11 Progress Review Process of the Hyogo Framework For Action and Regional DRM Framework for Action in the Pacific

Start Date: 2010-01-01

End Date: 2010-12-12

Related to theme: Capacity Development;

Region: Oceania;

Country: Cook Islands; Fiji; Marshall Islands; Samoa; Solomon Islands; Vanuatu;

Description of the project/initiative:

Objective: The 2009-11 HFA/RFA reporting cycle includes: 1) Assisting 6 Pacific island countries with development of National Progress Reviews by Sept 2010; 2) Preparing the 2010/11 regional synthesis report; and 3) Coordinating the mid-term reviews of the RFA/HFA. These will all help to inform the 2011 Global Assessment Report on Disaster Reduction (GAR 11), which will be released at the 3rd Session of the Global Platform for Disaster Risk Reduction in 2011.

Total Costs (in USD): \$51000.00

Implementing agencies:

Lead: United Nations International Strategy for Disaster Reduction (UNISDR).

Partner: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC).

Funding source/agency: Australian Agency for International Development (AusAID)

Contact Person:

United Nations International Strategy for Disaster Reduction (UNISDR)

Training in Geo-data management for disaster risk reduction

Start Date: 2008-09-01

End Date:

Related to theme: Disaster Risk Management; GIS & Mapping;

Region: Oceania;

Country: Cook Islands; Micronesia, Fed States of; Palau;

Description of the project/initiative:

Objective: GIS to support Disaster Risk Management (DRM).

Total Costs (in USD): -- not complete --

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Funding source/agency: European Development Fund (including ACP DRR Facility) (EDF)

Contact Person:

Litea Biukoto, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Water Demand Management For Pacific Island Countries

Start Date: 2006-05-01

End Date: 2010-12-31

Related to theme: Water;

Region: Oceania;

Country: Cook Islands; Marshall Islands; Micronesia, Fed States of; Niue; Solomon Islands; Vanuatu;

Description of the project/initiative:

Objective: To improve the capacity for water demand management in Pacific Urban Water Utilities

Total Costs (in USD): \$632511.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC).

Partner: Wide Bay Water Corporation.

Funding source/agency: New Zealand's International Aid & Development Agency (NZAID)

Contact Person:

Marc Wilson, Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Water Safety Plans (WSP) Programme

Start Date: 2005-11-01

End Date: 2010-12-31

Related to theme: Water;

Region: Oceania;

Country: Cook Islands; Palau; Tonga; Vanuatu;

Description of the project/initiative:

Objective: The existing Pacific Water Safety Plan Programme, WSP, is aimed at risk identification and developing a management plan or water safety plan - to control these risks. Through the exercise of developing and implementing a water safety plan, participating water authorities will identify weaknesses within their system and the needed improvements to reduce or eliminate those risks.

Total Costs (in USD): \$1071897.00

Implementing agencies:

Lead: Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC).

Partner: World Health Organization (WHO)

Funding source/agency: Australian Agency for International Development (AusAID)

Contact Person:

Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Water Sanitation and Hygiene (WASH) Programme

Start Date: 2008-01-01

End Date: 2010-12-01

Related to theme: Health & Health Facilities; Water;

Region: Oceania;

Country: Fiji; Tonga; Tuvalu;

Description of the project/initiative:

Objective: To provide support in the sectors of water, sanitation and hygiene so as to contribute to the improvement of rural and urban communities capacity to effectively plan and manage their own water, sanitation and hygiene sectors.

Total Costs (in USD): \$143548.72

Implementing agencies:

Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC).

Partner: Live and Learn Environmental Education

Funding source/agency: Government of China (Taiwan)

Contact Person:

Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) (SOPAC)

Gaps and challenges

The Pacific faces inherent challenges in the area of disaster risk management and climate change adaptation relating to physical, social, economic and environmental vulnerabilities. In a region with considerable human resource capacity constraints, the Pacific is also highly disaster prone and extremely vulnerable to the impacts of climate

change. The challenges in addressing DRM and CCA come alongside considerable development concerns in terms of health, education, governance, youth, planning and infrastructure and underlying issues of poverty. DRM and CCA cannot be separated from these underlying development challenges.

The challenges identified below therefore need to be addressed with an understanding and appreciation of the Pacific context.

Challenges include:

Stronger collaboration and more inclusive cooperation. Collaboration reduces duplication of efforts – an important point considering limitations in capacity

In many PICs there is a need to provide the institutional basis for progress in the implementation of DRM, particularly in relation to integration with CCA.

Some PICs struggle with enforcement of various regulatory instruments and other mechanisms designed to integrate DRM and CCA into development planning.

In some PICs, traditional land owners have legal rights to over-rule local government regulations (e.g. in RMI). This presents challenges if land owners are not aware of the links between some development practices and DRM/CCA issues.

The lack of systematic data collection.

Limited data availability across a range of areas including past events and impacts, demographic data, weather and climate data and high resolution climate change projections all present challenges to planning and implementation of DRM/CCA initiatives.

National HFA Reviews have revealed some progress is occurring in terms of national investments in DRM and CCA. Greater transparency is needed to better capture these investments in a systematic approach, rather than the currently ad-hoc and often disorganised manner that currently exists.

Recommendations

The Pacific region has been highly proactive in efforts to practically integrate DRM and CCA at the national level, and discussions are continuing regarding an integrated regional framework. This approach will therefore provide countries with more strategic support in attempts to further progress DRM and CCA. Further recommendations include:

Continue efforts to progress DRM and CCA through integrated approaches at both the national level (through JNAPs or similar), sub-national and the regional level, for example through the proposed integrated DRM and CCA framework.

Regional partners to continue to support PICs in their efforts to develop or maintain appropriate governance and institutional arrangements that support integrated DRM and CCA efforts according to the unique situations of all PICs.

Regional partners to continue to encourage and support an inclusive approach to national DRM and CCA decision making bodies, with genuine participation from key government ministries, local government representatives, NGOs, civil society and the private sector.

Provision of strategic and coordinated in-country engagements from PDRMPN and development partners is recommended. New initiatives need to acknowledge existing

programs and capacity gaps.

Existence of a single national body that oversee DRM and CCA initiatives as a joint coordination mechanism can assist with information sharing, coordination and monitoring and evaluation of initiatives addressing similar issues.

Recognition of limited human resource capacity and high staff-turnover through ongoing succession planning in key agencies (e.g. NDMOs) and capacity building through counterparts / internships / mentoring.

Stakeholders

Name of the organization: Act For Peace Pacific Community focused Integrated

Disaster Risk. Reduction (AFP PCIDRR)

Type of the organization: Non-Governmental Organizations

Focal point details: Manueli Koroituinakelo

Name of the organization: Asian Development Bank (ADB)

Type of the organization: Networks & Others

Focal point details: Marc Overmars

Name of the organization: Australian Agency for International Development (AusAID

)

Type of the organization: Networks & Others

Focal point details: Rebecca McClean

Name of the organization: Australian Agency for International Development (AusAID

)

Type of the organization: Networks & Others

Focal point details: Tukatara Tangi

Name of the organization: Consultant

Type of the organization: Private Sector

Focal point details: Atunaisa Kaloumaira

Name of the organization: Consultant

Type of the organization: Private Sector

Focal point details: Dawn Sua

Name of the organization: Consultant

Type of the organization: Private Sector

Focal point details: Herman Timmermans

Name of the organization: Consultant

Type of the organization: Private Sector

Focal point details: Mike Frew

Name of the organization: Consultant

Type of the organization: Private Sector

Focal point details: Suzanne Paisley

Name of the organization: Consultant

Type of the organization: Private Sector

Focal point details: Tony Madigan

Name of the organization: Cook Islands Office of the Prime Minister Emergency

Management Cook Islands (EMCI)

Type of the organization: Governments

Focal point details: Charles Carlson

Name of the organization: Cook Islands Office of the Prime Minister Central Policy &

Planning Office (OPM)

Type of the organization: Governments

Focal point details: Tutai Manuela

Name of the organization: European Union - Pacific Delegation (EU)

Type of the organization: Networks & Others

Focal point details: Malcolm Ponton

Name of the organization: Federated States of Micronesia Department of Finance
and Administration

Type of the organization: Governments

Focal point details: Marion Henry

Name of the organization: Federated States of Micronesia Office of Environment and
Emergency Management (NDMO)

Type of the organization: Governments

Focal point details: Andrew Yatilman

Name of the organization: FemLink

Type of the organization: Non-Governmental Organizations

Focal point details: Sharon Rolls

Name of the organization: Fiji Disabled Peoples Forum (FDPF)

Type of the organization: Non-Governmental Organizations

Focal point details: Elenoa Lavetiviti

Name of the organization: Fiji Disabled Peoples Forum (FDPF)

Type of the organization: Non-Governmental Organizations

Focal point details: Naomi Navoce

Name of the organization: Fiji National Disaster Management Office (NDMO)

Type of the organization: Governments

Focal point details: Pajiliai Dobui

Name of the organization: Foundation of the People of the South Pacific

International (FSPI)

Type of the organization: Non-Governmental Organizations

Focal point details: Jiuta Korovulavula

Name of the organization: International Federation of the Red Cross and Red

Crescent Societies (IFRC)

Type of the organization: UN & International Organizations

Focal point details: Finau Limuloa

Name of the organization: International Federation of the Red Cross and Red

Crescent Societies (IFRC)

Type of the organization: UN & International Organizations

Focal point details: Paul Davenport

Name of the organization: International Labour Organization (United Nations) (ILO)

Type of the organization: UN & International Organizations

Focal point details: David Lamotte

Name of the organization: International Labour Organization (United Nations) (ILO)

Type of the organization: UN & International Organizations

Focal point details: Iresh Lal

Name of the organization: Japan International Cooperation Agency (JICA)

Type of the organization: Networks & Others

Focal point details: Hashimoto Yohei

Name of the organization: Kiribati Disaster Risk and Climate Change Unit (NDMO)

Type of the organization: Governments

Focal point details: Michael Foon

Name of the organization: Kiribati Ministry of Finance and Economic Development

Type of the organization: Governments

Focal point details: Andrew Teem

Name of the organization: Fiji Lami Town Council

Type of the organization: Governments

Focal point details: Preeya Ieli

Name of the organization: Live and Learn

Type of the organization: Non-Governmental Organizations

Focal point details: Doris Susau

Name of the organization: Nauru National Disaster Management Office (NDMO)

Type of the organization: Governments

Focal point details: Roy Harris

Name of the organization: New Zealand Agency for International Development

(NZAID)

Type of the organization: Networks & Others

Focal point details: Makeleta Kolo

Name of the organization: NOAA Marshall Islands Weather Office

Type of the organization: Academic & Research Institutions

Focal point details: Reginald White

Name of the organization: Pacific Community focused Integrated Disaster Risk.

Reduction (PCIDRR)

Type of the organization: Non-Governmental Organizations

Focal point details: Anthony Blake

Name of the organization: Pacific Humanitarian Protection Cluster c/UNOHCHR

Type of the organization: UN & International Organizations

Focal point details: Sherryl Reddy

Name of the organization: Pacific Islands Association of Non-Government

Organisations (PIANGO)

Type of the organization: Non-Governmental Organizations

Focal point details: Laisa Vereti

Name of the organization: Pacific Islands Forum Secretariat (PIFS)

Type of the organization: Regional Intergovernmental Organizations

Focal point details: Exsley Taloibuti

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Type of the organization: Regional Intergovernmental Organizations

Focal point details: Scott Hook

Name of the organization: Palau National Disaster Management Office (NDMO)

Type of the organization: Governments

Focal point details: Alonzo Kyota

Name of the organization: Papua New Guinea Office of Climate Change and

Development (OCCD)

Type of the organization: Governments

Focal point details: Jacob Ekinye

Name of the organization: Samoa Ministry of Foreign Affairs and Trade (MOFA)

Type of the organization: Governments

Focal point details: Waisea Vosa

Name of the organization: Samoa Planning and Urban Management Agency

Type of the organization: Governments

Focal point details: Ferila Brown

Name of the organization: Secretariat of the Pacific Community Applied Geoscience

and Technology Division (SOPAC) (SPC / SOPAC)

Type of the organization: Regional Intergovernmental Organizations

Focal point details: Litea Biukoto

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Focal point details: Marita Manly

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Type of the organization: Regional Intergovernmental Organizations

Focal point details: Jutta May

Name of the organization: Solomon Islands National Disaster Management Office

Ministry of Home Affairs (NDMO)

Type of the organization: Governments

Focal point details: Loti Yates

Name of the organization: The Asia Foundation / Office of the United States Foreign

Disaster Assistance (TAF / OFDA)

Type of the organization: Networks & Others

Focal point details: Kathryn Hawley

Name of the organization: Tonga Ministry of Transport and Works

Type of the organization: Governments

Focal point details: Leveni 'Aho

Name of the organization: Tuvalu Ministry of Finance

Type of the organization: Governments

Focal point details: Minute Alapati Taupo

Name of the organization: Tuvalu National Disaster Management Office (NDMO)

Type of the organization: Governments

Focal point details: Sumeo Silu

Name of the organization: UN Habbitat

Type of the organization: UN & International Organizations

Focal point details: Sarah Mecartney

Name of the organization: UN Habbitat

Type of the organization: UN & International Organizations

Focal point details: Keith Hornby

Name of the organization: United Nations Children's Education Fund (UNICEF)

Type of the organization: UN & International Organizations

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Focal point details: Dijana Duric

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Type of the organization: UN & International Organizations

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Focal point details: Marc Gordon

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Name of the organization: United Nations Office of the Coordination of Humanitarian

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Type of the organization: UN & International Organizations

Focal point details: Greg Grimsich

Name of the organization: United Nations Population Fund (UNFPA)

Type of the organization: UN & International Organizations

Focal point details: Maha Muna

Name of the organization: University of the South Pacific (USP)

Type of the organization: Academic & Research Institutions

Focal point details: Viliamu Iese

Name of the organization: Vanuatu Meteorology and Geohazard Department

National Advisory Committee on Climate Change (NDMO)

Type of the organization: Governments

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Type of the organization: Governments

Focal point details: Shadrack Weleghabit

Name of the organization: World Health Organisation (WHO)

Type of the organization: UN & International Organizations

Focal point details: Kamal Khatri

Name of the organization: World Meteorological Organisation (WMO)

Type of the organization: UN & International Organizations

Focal point details: Henry Taiki

Name of the organization: World Wildlife Fund (WWF)

Type of the organization: Non-Governmental Organizations

Focal point details: Monifa Fiu