

**Pacific Adaptation To Climate Change Project  
Federated States of Micronesia  
3rd Quarter 2013**

# Newsletter



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“To reduce vulnerability and increase the adaptive capacity to the adverse effects of climate change in the coastal zone management sector”

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## From FSM PACC PMU

Welcome to our third quarter newsletter for this year. Information provided herein entails activities performed by FSM PACC Project Management Unit.

### 2013 Youth to Youth Environmental Summer Camp

During the first week of July, 7th grade students from Kosrae met at the Gymnasium for the Youth to Youth Summer Camp. This summer camp is organized by the Kosrae Conservation and Safety Organization, KCSO. Other NGO's and environmental government agencies also participated in this summer camp. FSM PACC awareness coordinator, Mr. Carlos Cianchini, gave a presentation attended by 123 students. His presentation explained the students what is causing coastal erosion what we should do to adapt to it. Students were encouraged to ask the parents and grandparents the extent of coastal erosion on their villages. The rest of the week, the students visited Kosrae's protected and proposed conservation areas.



Photo: Ruthey M. Luckymis

### FSM PACC Joins the Dept. of Education to Develop Teaching Resources

During the week of July 22-26, The FSM PACC joined the Department of Education to developed classroom resources on climate change. This was an initiative of the PREL Program, Pacific Resources for Education and Learning. Resources from government agencies and NGO's participate in this effort with Mrs. Corrin Barros, PREL Manager and the University of Washington professor, Dr. Julian Sachs. One of the outcomes off this project will be a video about how climate change has affected our lives in the view of older people. These videos will be used by science teachers as a resource for teaching climate change.



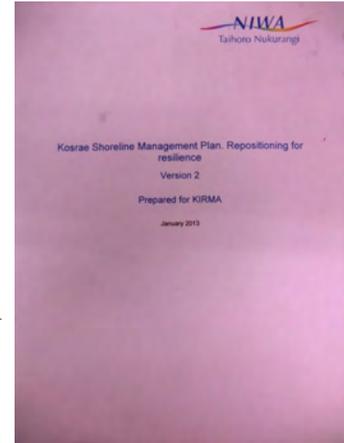
Photo: Ginny Jose

On the 23rd, we took Utwe teachers to the mangroves of the Utwe Biosphere Reserve. It was decided to use the mangrove ecosystem as a focal area to teach coastal erosion, protected areas, waste management as well to



## Kosrae Shoreline Management Plan

On July, we received the revised Kosrae Shoreline Plan. It was revised by Mr. Doug Ramsey , the coastal engineer that wrote the original management plan in 2000. He revised the document with the help of Dr. Arthur Webb from SOPAC and Mr. Fenno Brunken of the German Cooperation Agency. The new edition of the plan is : “Kosrae Shoreline Management Plan. Repositioning for Resilience” The Plan explains the reasons for the coastal erosion and adaptation strategies to reduce the vulnerability of sea level rise and storm surge flooding. He recommends the rehabilitation of upland farm roads. The revised shoreline management plan is been distributed to our stakeholders, State and National Government Offices for information.



## FSM PACC Coordinator Visits Australia and Japan Embassies

FSM PACC Project Coordinator, Mr. Simpson Abraham, went to Pohnpei to visit the Embassies of Australia and Japan. He met Mr. Martin Quinn, the Ambassador of Australia on July 30th. Their meeting was about the Australian Government support of the PACC Project and climate change in the FSM.



In the afternoon, Mr. Abraham met with the Japan Ambassador, Mr. Eichii Suzuki, representatives of NBK-Nippon Co. and Penta Ocean from Japan. They discussed the draft climate proofing design of the Shoreline Management Plan. They also prepared an application for Grant Aid from the Japan Government.



These meetings will seek monetary support to climate proof our coastal zone.

Photos taken by Embassy personnel.

## **44th Pacific Island Forum Leaders Meeting**

FSM PACC Coordinator, Mr. Abraham, attended the 44th Pacific Islands Forum Leaders Meeting. It was held in Majuro, Republic of the Marshall Islands from September 1-6, 2013. This meeting brought together most Pacific Islands countries to discuss issues related to the Forum countries. The purpose of this meeting was to facilitate discussions on how to promote the PACC project, to integrate it to other climate and disaster risk management plans at State and National level and to seek scaling up assistance from donor partners .

Participants also reviewed the project process from planning to implementation, monitoring and feedback to improve the implementation and to provide the basis for achieving climate change adaptation, sustainable development and the reduction of disaster risk.

Given the remaining eighteen months of the PACC Project, such initiatives to up-scale the countries projects by demonstrating progress to the donor countries.

During this meeting, the “Majuro Declaration” was adopted. More on this on next box.

### **Pacific Leaders Adopt “Majuro Declaration” on Climate Change.**

Leaders of thirteen Pacific Island Nations which are vulnerable to rising sea levels, have released a statement calling for urgent action to address climate change during the 44th Pacific Islands Forum Meeting. The twelve pages document says governments in the region are committed to demonstrate “ climate leadership” and calls on countries to list pledges to reduce pollution. The text underlines the intense frustration among leaders of small island states at the sluggish progress at the United Nations in cutting global greenhouse gas emissions. The United Nations forthcoming IPCC climate science report is expected to warn us that sea levels could rise between 11.4 to 32.3 inches before 2100, levels which threaten the existence of some of the Pacific States. The “Majuro Declaration” was also signed by Australia and New Zealand, and will be presented to United Nations Secretary General Ban Ki Moon in New York.

## Pilot Project Accomplishments

Common fill material was hauled from the quarry to Road Segment 4 during July to September . The spreading and compacting of the common fill material started in September. More roadway clearing and cleaning of the side ditches continued during this quarter.

The new box culverts are being constructed by two private contractors starting in September. The box culverts plans were drawn from the specifications given by the Asia Development Bank study of 2005. As originally conceived, the drainage works were based on an hourly rainfall of 178 mm. this value was thought to have a recurrence interval of 25 years. The ADB study recommended that the design of the road be modified so the drainage works can accommodate an hourly rainfall of 254mm, which will be the projected rainfall in 2050. Photos by Ginny Jose.



## Clean Up The World Week

Kosrae State took part on the “Clean Up the World Week” activities during the week of September 16-20. FSM PACC joined other Government agencies, NGO’s and CBO’s on this effort. Trash was collected on all the municipalities around houses, the road and the coastal zone. Trash included plastics, glass, old cars and scrap metal.



## E- Filing Training

FSM PACC Administrative Official, Mr. Ginny Jose, attended a workshop on E-filing in Pohnpei from September 9-12th. Participants learn and practiced the Paper Port Software. This software simplifies the filling of documents and also has the feature of editing PDF files and combining Word and Excel document files,. This software makes it easier and faster to send documents between offices and countries.

## Kosrae Hotels Battling Coastal Erosion

Kosrae Island is experiencing coastal erosion. Seventy five percent of the infrastructure is located on the coastal zone. Three major hotels on the island are located next to the beach. One of them, protected the shore with articulated block matting over ten years ago. It is still holding strong. Two other Hotels have used local materials to try to stop the loss of the coastline, but these are temporary solutions that will not stop the erosion.



Using fallen trunks and gabions made from discarded nets.



Articulated block matting.



Using rocks and cement to protect a coconut palm.

The FSM PACC Newsletter is a quarterly publication to share the project achievements and news with our stakeholders and colleagues. It is written, revised and edited by the FSM PACC Coordinator and assistant. The photos were taken by Carlos Jose Cianchini unless credited to another person. Waves painting from Microsoft Clip Art.

### About FSM PACC:

The Federated States of Micronesia is part of the 14 Pacific Islands Countries under the Pacific Adaptation to Climate Change Project. The Project is implemented by the United Nations Development Programme in partnership with the Secretariat of the Pacific Regional Environment Programme. It is funded by the Global Environment Facility and the Australian Government. FSM PACC is adapting coastal road designs to take into consideration the impacts of climate change.

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