

**Pacific Adaptation To Climate Change Project
Federated States of Micronesia
1st 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 first quarter newsletter for this year. Information provided herein entails activities performed by FSM PACC PMU.

PACC Strategic Planning Workshop



February 11th-15th, FSM PACC Coordinator, Mr. Simpson Abraham and the project Administrative Officer Mr. Ginny Jose, attended the PACC Strategic Planning Workshop held in Apia, Samoa. At the workshop, they developed 2013 Annual Work plans log Frames and a Monitoring and Evaluation framework mechanism. They

also discussed results of the Mid Term Evaluation Report and ways to address problems in the project implementation process. There was also a gender component to be incorporated in the new revised log frame. The FSM PACC main goal of the log frame is the vulnerability reduction and increasing of the adaptive capacity to address negative effects of climate change in the coastal sector.

Climate Change Portal Workshop



FSM PACC educator, Mr. Carlos J. Cianchini attended the Climate Change Portal Training in Pohnpei, February 19th-21st. Climate change educators from the FSM, Palau, Marshall Islands, Nauru and Kiribati participated in this workshop. The CC Portal was coordinated by SPREP & SPC

North Pacific as a tool for sharing regional information about climate change. The participants brought CC information & documents to be included in the CC Portal. Each country assigned a portal publisher to upload information and the FSM delegation selected the National Office of Environment and Emergency Management (OEEM) as the FSM's Portal Editor. The Portal can be accessed at

www.pacificclimatechange.net

FSM PACC Project Presented to Kosrae's Governor and Cabinet



On March 7th, FSM PACC Coordinator, Mr. Simpson Abraham presented the project updates to the Governor of Kosrae, the Hon. Lyndon H. Jackson and the members of the Cabinet.

Mr. Abraham also shared with the group the upcoming coastal experts who will be coming to Kosrae to update and climate proof the Kosrae Shoreline Management Plan of 2000.

This Technical Assistant (TA) is funded by the German Technical Cooperation Agency (GIZ), SPC North Pacific.

Mr. Kosi Latu, SPREP's Deputy Director General, visits FSM PACC Pilot Project



Mr. Kosi Latu, SPREP Deputy Director General (DDG), visited the FSM PACC Pilot Project in Kosrae. FSM PACC Coordinator, Mr. Simpson Abraham and Mr. Abraham Bahillo, Department of Transportation & Infrastructure's (DT&I) civil engineer, accompanied DDG Mr. Latu to the PACC project site.

Mr. Latu and Mr. Abraham also made a courtesy visit to the Governor of Kosrae, Honorable Lyndon H. Jackson. Mr. Latu shared with Governor Jackson, the role of SPREP in the PACC process and again implore for support from the Kosrae State Government. Given Kosrae being the pilot site for FSM and should be a model to be replicated throughout the four FSM states. Mr. Latu and Mr. Abraham also met with the PACC leading agencies, DT&I and Kosrae Island Resource Management Authority (KIRMA).



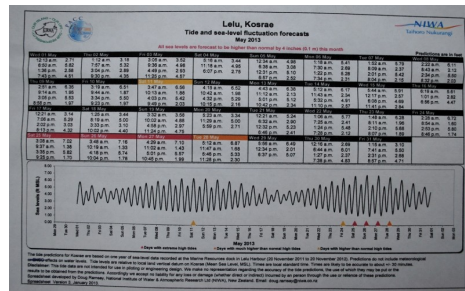
Meteorological Equipment/ Kosrae Tide Tables

March 12, 2013, FSM PACC meteorological equipment was recharged, including a pressure transducer for the tides, solar radiation and rainfall recorders. These instruments, relay the information recorded every ten minutes to the National Institute of Water & Atmospheric Research in New Zealand (NIWA), via satellite and transmitted back to the FSM PACC PMU in Kosrae. To transmit the data, these equipment uses a FSM Tele Com SIM card.

Since the installation of these equipments, a new set of tide and sea level forecasts data is available and used by the people of Kosrae and FSM. These forecasts are made available given the data recorded from the gauges located at Lelu Marina and Okat.



These tables were developed by NIWA with the assistance of PACC PMU & KIRMA. The forecasts are also broadcasted via radio station in Kosrae. Copies are available at the office, and can also be downloaded at kosraecoast.com.



Monthly Meetings with Kosrae Pacific Islands Climate Education Partnership (PCEP)

Mr. Carlos Cianchini, PACC PA involved with a CC Education team who meets once a month to share climate adaptation information and other related CC matters. PACC assisted the group by providing CC adaptation information and other related CC literature and the “Adapting to a Changing Climate” flip-chart and booklet, to be used as part of their teaching tools. This flipchart and booklet was prepared by the Micronesia Conservation Trust, The Nature Conservancy, the Micronesia Challenge and FSM PACC was also involved as one of the stakeholders.



Pilot Project Accomplishments

Ongoing work at the project site resumed again after some delays due to the bad weather. The Lacl (RS3) to Lacs (RS4) road intended to be climate proofed to withstand the expected increase in rainfall and the sea level rise. To achieve this CC proofing, the elevation of the road has to be raised and the existing culverts replaced with bigger ones (see photos on last page). Prior to the ADB Climate Proofing report, the standard road design used a maximum hourly rainfall of 178mm. The ADB (2005) Climate Proofing assessment report determined the hourly rainfall as projected will increase to 254mm by 2050, thus requiring bigger culverts and a higher road elevation.

The Government of Japan has donated to the Government of Kosrae some heavy equipments as in-kind and now being used for the mobilization at the project site.



The construction of the headwalls on the new culverts are now in the process. The new culverts of a diameter of 36 inches (90 cm.), installed to replace the previous 12 inches (30 cm.) ones to withstand the increasing rainfall and flash food.



36 inches culvert headwalls



Pre-bid meeting with contractors

On March 28, the Department of Transportation and Infrastructure, carried out a pre-bid for the construction of the pilot project's box culverts. Six contractors attended the pre-bid.

Project Mobilization-Climate Proofing the Coastal Road (RS 3 & 4)



Placement of a new 36” inches culvert to accommodate the risk posed by increased rainfall and flooding risk.



Fill material to raise the elevation of the road on RS-4.

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 PIC member 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.

Visit our blog at fsmpace.blogspot.com for the latest news and leave us your comments.



With support from UNITAR C3D+ Program

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