

# PACC TUVALU NEWSLETTER

3RD QUARTER 2010

PACIFIC ADAPTATION TO CLIMATE CHANGE IN TUVALU



## PACC surveys water usage



*A surveyor looking at one of the water tanks*

The Pacific Adaptation to Climate Change Project Tuvalu began its water demand management and water use efficiency survey.

With the recruitment of two temporary survey assistants, the survey is planned to be completed in the next three months.

The project surveyed the water usage of an individual each day by means of conducting

baseline data surveys within a sample of 30 houses.

The data has been collected, tabulated and is now ready for analysing. For this the project will bring in a consultant to develop the final report.

In addition, a model known as the Tank Monitor model has been developed with the assistance of the Australian Bureau of Metrology.

The project works closely with the Tuvalu Metrological Office and was grateful for the assistance provided.

The model is now under construction and the National Project Management Unit will be trained on the use of the model once completed.

The project is planning to involve members of the committee.

### DID YOU KNOW!

- ◆ The recommended basic water requirement per person per day is 50 litres. But people can get by with about 30 litres: 5 litres for drinking and cooking and another 25 to maintain hygiene. The reality for millions comes nowhere near.
- ◆ A person can live a month without food, but only a week without water.
- ◆ More than three quarters of the world's fresh water is not available because it is locked in ice caps, is inaccessible or is polluted.

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## Falevatie ready for use



The picture shows a fully constructed compost toilet ready for use. The Integrated Water Resource Management project has successfully constructed six Falevatie in the country and four more is planned to be built. IWRM Coordinator Mr Pisi Seleganiu said, "Construction work should be finalizing on the second week of October 2010 where by all 10 falevatie are completed, ready for use and monitoring. The follow up construction of the remaining falevatie will depend heavily on the feedback from the monitoring assessment."

## UPDATES FROM THE PACC PROJECT

Venturing into the third quarter of the annual year plan 2010, PACC Tuvalu completed a number of its planned activities approved in its work plan. With the recruitment of a new PACC Project Assistant Ms. Ivy has greatly eased the workload at the national project management unit.

In terms of the projects first output that deals with mainstreaming and policy, PACC officials have begun reviewing climate related existing data in climate related literature that currently exists within the means of the project.

The project is working in close collaboration with the Integrated Water Resource Management (IWRM) Project in developing a water policy with the climate change context incorporated into the policy. Mainstreaming of



*PACC team carrying out assessments in the communities*

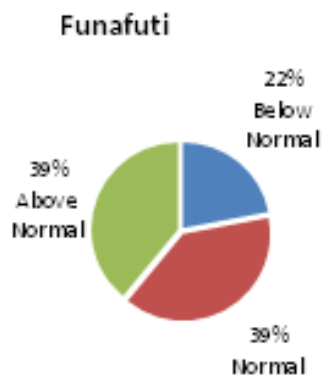
climate change into different sectors has been considered to be addressed during the National Summit however, efforts have been diverted for the PACC project to join the IWRM project in conducting a gender mainstreaming. The second project output—PACC project together with IWRM conducted a

Vulnerability and Adaptation Assessment and overall awareness to all eight communities here on the capital. GIS updating has been completed together with the Water monitoring work and is due to be analyzed.

PACC is now running programs on radio every Monday evenings that has been prepared by the projects communication team.

Furthermore to the Project update, is PACC officials together with the HEO –PWD attended a training workshop in Apia, Samoa. The project also joined in the SNC familiarization training of the future climate change scenario (TUVCLIM). PACC Tuvalu continues to receive backstopping assistance from SPREP and PACC Regional Project Management Unit

## Seasonal Climate Outlook for Tuvalu [Sep – Nov] (2010)



Outlook forecast for Tuvalu Islands for the next three months ranging from September to November was made possible through the collaboration of the Tuvalu MET services with the Australian Metrological services in developing forecasting model known as SCOPIC. Generally speaking, the rainfall forecast over Tuvalu islands has a higher probability of wet conditions below normal with Nanumea having the highest probability of 70% below normal.

### Outlook for Funafuti

Based upon the 3 month average value of the Southern Oscillation Index (SOI) values from May to July (SOI Values=10.77). The most likely

situation will be for "below-normal" rainfall in the period from Sep-Nov with the predicted probability being 44%. The pie charts clearly show the seasonal outlook for Funafuti (Sept-Nov).

**LAST 3 MONTHS:** Normal rainfall for all stations.

### Outlook for the next 3 months:

**July –September 2010;** The outlook for September through to the end of November is biased towards "normal" rainfall in Niulakita with a 43% probability of occurrence and for Nui The most likely situation will be for "below-normal" rainfall in this period from Sep- Nov with the predicted probability being 53%.

# ADAPTING TO CLIMATE CHANGE

Around the world, people depend on natural systems for their health and livelihoods. For instance, people rely on the land, ocean and atmosphere for their food and jobs. Similarly, a lot of people around the world face extreme circumstances such as living in poverty, depend on forests for livelihood, and have limited access to freshwater, food and fuel. However, these natural systems and the lives they support are threatened by the inevitable impacts of climate change.

But a difference can be achieved. As nature becomes more stressed because of climate change, we need new



approaches that will ensure that living systems such as oceans, grasslands, and forests can continue to support the needs of human communities and are better able to withstand future changes

or to build their resilience to impact of climate change. Different places and people do have different ideas of building resilience to impact of climate change.

Many adaptation measures in communities should focus on strengthening measures already in place such as raising awareness, institutional strengthening, early warning systems to identify climate change hence warning people prior to the occurrence of the events, new innovations and most importantly, to address the adaptation option as required by the affected communities to best suit their livelihood.

## Engaging with the Tuvalu Community



*Engaging with the Tuvalu communities to express their views*

In assessing the vulnerability status of communities it is best that a bottom up approach is adapted where we try

and fit ourselves amongst the midst of the communities to really find out their concerns, their ideas, beliefs and their attitude. The PACC project in their continuing Vulnerability and Adaptation (V&A) assessment of communities worked closely with Tuvalu Association of Non-Governmental Agencies (TANGO) and the Integrated Water Resource Management (IWRM) in visiting the

members of the communities namely, Tekavatoeote and Fuanfuti Community to listen to their concerns and find out what their ideas were on adapting to climate change. The PACC/IWRM community based vulnerability and adaptation assessment was successfully conducted with the assistance from facilitators from various government departments who are part of the PACC V&A team.

### TIP FOR THE MONTH

#### Focus on benefits, not difficulties.

If you find yourself struggling to do something, or procrastinating, stop thinking about how hard something is, or why you don't want to do it. Focus instead on what benefits it will have for you, what opportunities it will create — the good things about it. By changing the way you see things, you can change how you feel about them and make it easier to get things done.

## SHARE THE LAUGHTER

A pastor was preaching to his congregation, "If I had all the WINE and BEER in the world, I will throw it into the river!"

The congregation responded, "Amen!"

He added, "If I had all the RUM and WHISKY in the world, I will throw it into that river!"

The congregation responded, "Amen! Amen!". He added one last time, "If I had all the YAQONA in the world, I

will throw it into the river!, Amen?" The congregation shouted, "Yes, AMEN!"

The preacher sat down, and the same time, the deacon stood up to announce the next hymn, "Let us now turn to page 256 and sing, "Let us all drink from that River!"

To the congregation's excitement they shouted, "HALLELUJAH!!!"

# PACIFIC ADAPTATION TO CLIMATE CHANGE

## PACC TUVALU



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# RIDDLE

WHAT IS IN FRONT OF A  
WOMAN BUT AT THE  
BACK OF A COW?

ANSWER: \_\_\_\_\_

# PHOTO GALLERY

## Vulnerability and Adaptation Assessment

