

# WORLD METEOROLOGICAL ORGANIZATION

8708-15/OBS/WIGOS/OSD/MAR/DBCP-PI1, ANNEX I

## NOMINATION / REGISTRATION FORM

### IOC-WMO first DBCP Pacific Islands Training Workshop on Ocean Observations and Data Applications

Republic of Palau, 4-7 May 2015

The Government of: SAMOA

proposes the following nomination:

**NOTE TO THE NOMINATED PARTICIPANT:**  
PLEASE COMPLETE ALL THE QUESTIONS IN THIS FORM. PLEASE WRITE CLEARLY, AND  
SUBMIT IT, PREFERABLY, IN ELECTRONIC FORMAT.

Mr /Mrs /Dr /etc.	Mr / <u>(Ms)</u>	Dr / Professor / Eng / etc.
Family name	<u>TAFUA</u>	
First name	<u>TESSA</u>	
Job title	<u>Scientific Officer- Geophysics</u>	
Professional specialization	<u>Earthquake &amp; tsunami, geomagnetism observations, Tide gauge</u>	
Graduation degree(s)	<u>BSc.</u>	
ADDRESS:		
Dept./Div.	<u>Samoa Meteorology Division - MNRE</u>	
Street		
Suite/Office/etc		
City /postal codes	<u>P.O BOX 3020, APIA</u>	
State/Province/etc		
COUNTRY	<u>SAMOA</u>	
Tel. number(s)	<u>+685 20855</u>	
Fax number(s)	<u>+685 20857</u>	
E-mail(s) - PLEASE WRITE YOUR E-MAIL(S) VERY CLEARLY		
E-mail (1)	<u>tessa.tafua@mnre.gov.ws</u>	
E-mail (2)	<u>tessa.tafua@gmail.com</u>	
Job responsibilities: <u>I conduct daily geomagnetic observations &amp; seismic data analysis. Conduct &amp; carry out routine equipment maintenance work on current monitoring stations (Sea level, geomag &amp; seismic stations). I assist with operations of 24/7 multi-hazard monitoring &amp; warning system. Public Capacity building pertaining to geophysical issues.</u>		
Financial assistance is requested for:		
	travel <input checked="" type="checkbox"/>	per diem <input checked="" type="checkbox"/>

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### QUESTIONS TO THE EXPERT NOMINATED FOR THE TRAINING WORKSHOP

1.	Please indicate the plans you may have in your country for: (i) initialization/maintenance ocean observing systems in Pacific Islands region, and/or; (ii) cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities). <i>N.B.: Please use a separate sheet to provide a brief description on this question.</i>
1.	Please indicate the plans you may have in your country for: (i) utilizing ocean observing systems in the Pacific Islands region; (ii) cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities). <i>N.B.: Please use a separate sheet to provide a brief description on this question.</i>
3.	Do you have an understanding of oceanography and ocean observing (e.g. instrumentation, data management, etc.)? <i>Yes, basic knowledge on instrumentation.</i>
4.	What operating system will you have on your laptop (e.g. PC/Windows, Linux-Ubuntu, Linux-Mandriva, etc.)? <i>Windows 7</i> 4.1. What is your level of knowledge and experience with your Operating System (O/S), and with an alternative system (with Windows in case your O/S is Linux; and with Linux in case your O/S is Windows)? <i>Windows O/S → expert knowledge &amp; experience Linux O/S → very little experience with Linux O/S</i>
5.	What do you expect from this Training Workshop? <i>To expand scientific understanding of ocean observations data &amp; applications especially in modelling, ocean-atmosphere interaction &amp; seek support for further capacity building in oceanography.</i>
6.	In your view, what would make the Training Workshop successful? <i>If participants from all Pacific Island countries can participate &amp; share their experiences with ocean monitoring or ocean related work.</i>
7.	Do you have any questions or comments? <i>No comments</i>
8.	Did you participate in any other DBCP Capacity Building Workshops? <i>No</i>

PLEASE NOTE, ONLY NOMINATION/REGISTRATION FORMS, SIGNED BY THE PERMANENT REPRESENTATIVE (PR) OF YOUR COUNTRY WITH WMO OR THE IOC ACTION ADDRESSEE(S) OF YOUR COUNTRY, WILL BE CONSIDERED.

Name of PR with WMO or IOC Action Addressee:

Date: *06/03/2015*

*Man An*  
(Signature of the Permanent Representative with WMO or IOC Action Addressee)

Please return the completed form before 28 February 2015, preferably by e-mail, to the attention of Mr Tom Gross, [t.gross@unesco.org](mailto:t.gross@unesco.org), with cc: Mr Etienne Charpentier, [echarpentier@wmo.int](mailto:echarpentier@wmo.int), and/or to the WMO Secretariat, at:

World Meteorological Organization  
Observing and Information Services Department (OBS)  
P.O. Box 2300  
CH-1211 GENEVA 2  
Switzerland  
Fax: (+41 22) 730 8021

1. Please indicate the plans you may have in your country for:

- I. **Initialization/maintenance ocean observing systems in the Pacific Island Region, and/or**
- II. **Cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities).**

The Geosciences Section of Samoa Meteorology is in charge of the SEAFRAME tide gauge at the main wharf and has been with this section since the early 1990's and before that the tide gauge belonging to the US. The purpose is to monitor sea level trends and tide phenomena that affect our coastal environment. The Geosciences Section assists in maintenance of the SEAFRAME instruments and land movement surveys which is managed and conducted by Australian BOM from time to time. Sea Level Data from regional buoys are used also for Tsunami Early Warning Monitoring

2. Please indicate the plans you may have in your country for:

- I. **Utilizing ocean observing systems in the Pacific Island Region;**  
This system will be useful in monitoring severe weather conditions such as cyclones as well as tsunamis. It is important for us to have access to such data and be able to understand it and apply it. Ocean acidification is a growing concern in our region therefore a system in the Pacific region will assist in early warning for our people and relevant stakeholders.
- II. **Cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities).**  
Cooperation and assistance is without a doubt important to ensure the implementation of such system. Not only in funding of instruments, materials but especially in capacity building. What use is a system if local staffs do not understand basic knowledge and skills in the field of ocean observations/oceanography. We have close partnership with Australia Bureau of Meteorology in Tide gauge upgrades and surveys. As well as a close work relationship with Pacific Tsunami Warning Center (PTWC) in the use of the tide tool.