

NOMINATION / REGISTRATION FORM

IOC-WMO first of DBCP Pacific Island Training Workshop on Ocean Observations and

Data Applications

Republic of Palau, 4-7 May 2015

The Government of:

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	Cdr.	Dr / Professor / Eng / etc. -
Family name	Reamruk	
First name	Chakkrit	
Job title	Chief of weather observational section	
Professional specialization	Climate change, Weather forecasting and observations	
Graduation degree(s)	Bachelor's Degree of Hydrographic Engineering, Royal Thai Naval Academy, Thailand Master's Degree of Meteorology, San Jose State University, USA	
ADDRESS:	3/15 M.2 Plutaluang	
Dept/Div.	Meteorology Division, Hydrographic Department, Royal Thai Navy.	
Street	Sukumvit	
Suite/Office/etc	-	
City /postal codes	Sattahip	
State/Province/etc	Chonburi	
COUNTRY	Thailand	
Tel. number(s)	66-38-245-961;66-80-784-1296	
Fax number(s)	66-38-245-961	
Email(s) - PLEASE WRITE YOUR E-MAIL(S) VERY CLEARLY		
E-mail (1)	nnavyjack@yahoo.com	
E-mail (2)	nnavyjack@gmail.com	
<p>Job responsibilities: Command and Control about observing and reporting weather. Forecast the Coastal and general weather for Royal Thai Navy, government organization and public user. And also published severe weather warning.</p> <p>Research about Southeast Asia Climate in 21st century.</p>		
Financial assistance is requested for: <u>travel</u> / <u>per diem</u> /		

→

QUESTIONS TO THE EXPERT NOMINATED FOR THE TRAINING WORKSHOP

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


	<p>(i) initialization/maintenance ocean observing systems in Eastern Asia region, and/or;</p> <p>(ii) cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities).</p> <p><i>N.B.: Please use a separate sheet to provide a brief description on this question.</i></p>
2.	<p>Please indicate the plans you may have in your country for;</p> <p>(i)utilizing ocean observing systems in Eastern Asia region, for improving typhoon track and intensity forecasts;</p> <p>(ii) cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities).</p> <p><i>N.B.: Please use a separate sheet to provide a brief description on this question.</i></p>
3.	<p>Do you have an understanding of physical oceanography and the basics in geophysical fluid dynamics (e.g. Equation of State, etc.)? Yes, I have.</p>
4.	<p>What operating system will you have on your laptop (e.g. PC/Windows, Linux-Ubuntu, Linux-Mandriva, etc.)?</p> <p>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)?</p> <p>Both my Laptop and PC have installed Microsoft windows for documentation work. But Most of my works are on Server which use Linux as an OS. And I also familiar with Fortran and Linux script programming language. And have experience on operation ocean model such as WAM, POM and SWAN</p>
5.	<p>What do you expect from this Training Workshop?</p> <p>To learn the new technologies for improve the weather prediction and warning system. To share and exchange information with the people who do the same job from other countries</p>
6.	<p>In your view, what would make the Training Workshop successful?</p> <p>1. Knowledge, Background, Intent and Cooperation of Trainer and Trainee</p>
7.	<p>Do you have any questions or comments?</p> <p>No, I don't.</p>
8.	<p>Did you participate at NPOMS-1 or NPOMS-2?</p> <p>No, but I participated in NPOMS-3.</p>

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:

24/2/2015



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

Please return the completed form before 15 August 2014, preferably by e-mail, to the attention of Mr Tom Gross, t.gross@unesco.org, with cc: Mr Etienne Charpentier, 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

A separate sheet to provide a brief description on this question

Cdr. Chakkrit Reamruk

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

- (i) initialization/maintenance ocean observing systems in Eastern Asia region, and/or;**
- (ii) cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities).**

Answer for question (i) and (ii)

Our division doesn't work directly to the ocean observation. But we have weather observation systems, 1(one) manual weather station register to WMO at Sattahip Chonburi (Near coastal north of the Gulf of Thailand), and 6(six) Automatic weather stations around The Gulf of Thailand and 1(one) automatic weather station on the coast of Andaman sea. And also our head office, Hydrographic Department is an official responsibility of oceanographic of Thailand. They have schedule for Gulf of Thailand and Andaman sea surveying in physical chemical and biological oceanographic parameter every year.

In addition we also work with the other related departments and organizations in Thailand such as Thailand Meteorological Department who hold RADAR and weather stations in Thailand, Geo-Infomatics and Space Technology Development Agency (Public Organization) who hold Coastal RADAR systems, Department of Royal Rainmaking and Agricultural Aviation who hold weather RADAR and upper air observation systems, and share the data together.

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

- (i) utilizing ocean observing systems in Eastern Asia region, for improving typhoon track and intensity forecasts;**
- (ii) cooperation with international programmes regarding the implementation of such systems (e.g. through the provision of instrument deployment opportunities).**

Answer for Question (i) and (ii)

Profiling gliders are rapidly becoming essential instruments for operational observing of the nation's coastal oceans . Coastal country in Eastern Asia should heavily engage in glider operations and in many instances leading the way on their uses and applications. As use and mission variety expand, there is an increasing need for a program-level dialog on topics such as how gliders are deployed and operated, community standards for data access and organization, and what the candidate expansion paths might be towards a national capacity for gliders for observing and understanding better our coastal oceans in Eastern Asia.