



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale
Organización Meteorológica Mundial
Всемирная метеорологическая организация
المنظمة العالمية للأرصاد الجوية
世界气象组织

Secrétariat

7 bis, avenue de la Paix – Case postale 2300
CH 1211 Genève 2 – Suisse
Tél.: +41 (0) 22 730 81 11
Fax: +41 (0) 22 730 81 81
wmo@wmo.int – public.wmo.int

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26 March 2018

Annexes: 2 (Annex 2 in English only)

Subject: Third DBCP Pacific Islands Training Workshop on Ocean Observations and Data Applications (DBCP-PI-3) and Fifth JCOMM Marine Instrument Workshop for Asia-Pacific Region (RMIC/AP-5), Hai Kou of Hai Nan Province (Island), China, 9-12 July 2018

Action required: (1) To nominate a participant of your country to attend the workshop
(2) To notify the WMO Secretariat, of the name and contact details of the expert, as soon as possible, but preferably no later than **15 April 2018**

Dear Sir/Madam,

You will recall that the Joint WMO-IOC Data Buoy Cooperation Panel (DBCP) is an official body of the World Meteorological Organization (WMO) and of the Intergovernmental Oceanographic Commission (IOC) of UNESCO. You will also recall that the WMO-IOC Regional Marine Instrument Center for the Asia-Pacific Region (RMIC/AP) was established by WMO and IOC of UNESCO through WMO Resolution 9 (Cg-XVI) and IOC Resolution XXVI-9 based on the National Center of Ocean Standards and Metrology (NCOSM) of State Oceanic Administration (SOA).

The work of the DBCP and RMIC/AP support the Observations Programme Area (OPA), overseen by the Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM). JCOMM-5 identified that Capacity development and marine competency is one of the highly important activities for the members.

During its Thirty-third session (DBCP-33, Brest, France, Nov 2017), the DBCP noted the continuing success of the DBCP in-region workshops held in 2016-2017 and endorsed future support for continued activities in this regard, including supporting, through the DBCP Task Team on Capacity Building (TT-CB), in 2018, the organization of the "Third Pacific Islands Workshop on Ocean Observations and Data Applications" (PI-3). The DBCP is now pleased to organize and sponsor the PI-3 workshop in Hai Kou of Hai Nan Province, China, from 9 to 12 July 2018, at the kind invitation of NCOSM of SOA. The objective is to enhance Pacific Islands Nations capacity to apply ocean observations for social and economic benefit, to include improving the forecasts for typhoon track and intensity and other natural disasters. The themes for the workshop will include increasing awareness of ocean processes and traditional knowledge, ocean observing, data access and data applications, environment protection as well as continuing the discussion from PI-2 (Nouméa, New Caledonia, 24-27 May 2016) on the design of a Pacific Islands Ocean Observing System. This workshop is a realization of the JCOMM PANGAEA concept.

To: Permanent Representatives of Members of WMO RA II and RA V, participating in JCOMM (limited distribution)

cc: Executive Secretary, IOC
Mr Jon Turton, DBCP chairperson
Mr Johan Stander, JCOMM co-president for Marine Meteorology
Ms Nadia Pinardi, JCOMM co-president for Oceanography
Dr David Legler, JCOMM OCG chairperson
Mr Wei Zhao, JCOMM co-coordinator for Capacity development
Ms Stella Aura, JCOMM co-coordinator for Capacity development

According to its Terms of Reference (see JCOMM-III Recommendation 1), the Regional Marine Instruments Centers (RMIC) are; Assisting Members/Member States in its region (i.e. here the Asia-Pacific region) in calibrating their national meteorological standards and related oceanographic monitoring instruments according to the RMIC capabilities; Organizing training workshops; and Organizing marine instrument inter- laboratory comparisons. You will note that the RMIC for Asia Pacific (RMIC/AP) has been offering calibration services (seawater conductivity/salinity, seawater temperature, seawater depth, tide, wave) and standardization services to Members/Member States. Following the successful outcome of last four JCOMM Marine Instrument Workshops, organized by RMIC/AP from 2011—2014 (see JCOMM Meeting Reports No.87, No. 95 , No.108 and No.118); this workshop will provide training in instrument calibration, inter-comparison, quality control of marine observation and best practices. The workshop will include an introduction to the Centers for Marine Meteorological and Oceanographic Climate Data (CMOCs), elaborating the goal of building the structure to facilitate the flow and value adding of oceanographic and meteorological observations and related capacity building.

The combined workshop of PT-I-3 and RMIC/AP-5 is primarily designed for ocean forecasters, ocean data manager, observation instruments operators from the Asia-Pacific region, especially from Pacific Island Countries and Territories (PICTs), including in particular Small Island Developing States (SIDS). The workshop will be conducted in English only. Attached herewith is a copy of the workshop goals (Annex 1), for your information. The programme, local arrangements (i.e., accommodation, visas, etc.); and any other information pertinent to the workshop will be posted, in due course, on the JCOMM website, under the dedicated web page: <http://www.jcomm.info/PI-3>.

The curriculum will cover the regional programmes on marine forecasting and observation; quality control of marine observation and best practices; data processing and ecology recovering. Trainers are being drawn from a wide spectrum of the international ocean community.

Also all the participants are welcome to bring their own instruments/sensors for free calibration in China during the workshop, for the details you can contact the local organizer from NCOSM of SOA .

I encourage you to nominate potential trainees using the attached Nomination/Registration Form (see Annex 2). The Workshop will offer an exceptional opportunity for participants both to learn new skills and to make significant and ongoing contributions to major international programmes. Please note that a similar invitation letter to this event is circulated by the IOC.

A selection committee will be set-up with a view of selecting from all the nominations received the most qualified experts in the area of marine meteorological and oceanographic (met-ocean) forecasting or met-ocean observations. The selection committee will deliberate by the beginning of May 2018 and will inform the selected experts accordingly.

In order to clarify WMO's insurance coverage for non-staff members, I should like to draw your attention to the following:

"In the case of non-staff members of the Organization who are authorized to travel at its expense and/or who are receiving a daily subsistence allowance, the WMO accepts limited responsibility for compensation in the event of death, illness or injury attributable to attendance at meetings or the performance of services on behalf of the Organization. These persons are therefore fully responsible for any expenses incurred as a result of events which are not attributable to attendance at meetings or the performance of services on behalf of the Organization and for arranging such life, health and other forms of insurance as they consider appropriate."

In order to allow sufficient time to consider all the nominations and complete the selection process in a timely fashion, it would be greatly appreciated if your reply could reach the WMO Secretariat, as soon as possible, but **no later than 15 April 2018** preferably via e-mail, for the attention of Ms Champika Gallage at cgallage@wmo.int with copy to: Mr Denis Chang Seng at d.chang-seng@unesco.org. Also, it should be noted that selected participants will be required to present a valid passport (6 months beyond the date of travel), and obtain the necessary entry and/or transit visas, in due course.

Finally, I indeed look forward to the active participation of operators and scientists currently involved in this important and rewarding initiative. In this context, you are welcome, in your capacity of Permanent Representative of your country with WMO, to nominate experts from either your Meteorological Service, or any other national institutions specializing in the subject field.

Yours faithfully,



(E. Manaenkova)
for the Secretary-General

Third DBCP Pacific Islands Training Workshop on Ocean Observations and Data Applications (DBCPPI-3) and Fifth JCOMM Marine Instrument Workshop for Asia-Pacific Region (RMIC-AP-5)

(Haikou of Hainan Province, China, 9-12 July 2018)

GOALS OF THE WORKSHOP:

1. Continue to build capacity within the region to apply ocean observing data for enhanced predictive capability;
 2. Demonstrate the role of ocean observations for understanding and predicting regional weather, ocean state and climatology;
 3. Demonstrate the societal and economic benefits of delivering enhanced ocean observing system data for better informed decisions;
 4. Enhance the quality and quantity of marine observations , data processing and ecology recovering;
 5. Increase awareness of the importance of the ocean, scientific understanding and traditional knowledge, and how marine processes affect the lives of Pacific Islanders;
 6. Discuss the potential impacts of climate change on oceans;
 7. Learn practical implementation aspects of ocean observing systems;
 8. Explore the importance of marine modelling;
 9. Evaluate data gaps within the region and how they can be addressed;
 10. Hands-on experience in marine instruments calibration and inter-comparison;
 11. Encourage cooperation with and support for existing monitoring programmes such as the Argo programme and the Global Drifter Program; and
 12. Seek support for and conceptualization of a Pacific Islands Ocean Observing System.
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Annex 2

NOMINATION / REGISTRATION FORM

IOC-WMO Second DBCP Pacific Islands

Training Workshop on Ocean Observations and Data Applications

Haikou of Hainan Province, China, 9-12 July 2018

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	Mr / Ms	Dr / Professor / Eng / etc.
Family name		
First name		
Job title		
Professional specialization		
Graduation degree(s)		
Organization		
ADDRESS:		
Dept/Div.		
Street		
Suite/Office/etc		
City /postal codes		
State/Province/etc		
COUNTRY		
Tel. number(s)		
Fax number(s)		
E-mail(s) - PLEASE WRITE YOUR E-MAIL(S) VERY CLEARLY		
E-mail (1)		
E-mail (2)		
Job responsibilities:		
Financial assistance is requested for: travel <input type="checkbox"/> per diem <input type="checkbox"/>		

→	
QUESTIONS TO THE EXPERT NOMINATED FOR THE TRAINING WORKSHOP	
1.	<p>Please indicate the plans you may have in your country for:</p> <ul style="list-style-type: none"> (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). <p><i>N.B.: Please use a separate sheet to provide a brief description on this question.</i></p>
1.	<p>Please indicate the plans you may have in your country for;</p> <ul style="list-style-type: none"> (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). <p><i>N.B.: Please use a separate sheet to provide a brief description on this question.</i></p>
3.	Do you have an understanding of oceanography and ocean observing (e.g. instrumentation, data management, etc.)?
4.	What do you expect from this Training Workshop?
5.	In your view, what would make the Training Workshop successful?
6.	Do you have any questions or comments?
7.	Did you participate in any other DBCP Capacity Building Workshops?
8.	Do you have the need for the instruments calibration and inter-comparisons? Will you bring your own instruments/sensors for free calibration this time? (If have, please indicate the detail information of your sensors, i.e. sensor type , make, range, etc.)

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:

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

Please return the completed form before **15 April 2018**, preferably by e-mail, to the attention of Ms Champika Gallage, cgallage@wmo.int with cc:, Mr Denis Chang Seng, d.chang-seng@unesco.org, 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 8181