



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

Our ref.: 11219-2017/OBS/OSD/MAR/NPOMS-5

19 April 2017

Annexes: 2 (available in English only)

Subject: IOC-WMO Fifth Capacity Building Workshop of the Data Buoy Cooperation Panel (DBCP) for the North Pacific Ocean and its Marginal Seas (NPOMS-5), Tianjin, China, 4-7 July 2017

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 30 April 2017**

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. The work of the Panel supports the Observations Programme Area, overseen by the Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM).

During its thirty-second session (La Jolla, USA, October 2016), the Panel, drawing from the success of the first several DBCP Partnership for new GEOSS Applications (PANGEA) Workshops, recognized the value of continued efforts to hold in-region capacity-building activities. In particular, the Panel concurred with the recommendation from the Fourth DBCP Capacity Building Workshop for the North Pacific Ocean and its Marginal Seas (NPOMS-4, Busan, Republic of Korea, 2-4 November 2015) to organize a fifth NPOMS Workshop in 2017. The Panel also reaffirmed its desire to actively encourage the participation of developing nations in the Panel's activities, as a means for nations to assist the Panel in achieving and sustaining its objectives for a globally distributed data buoy network.

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

cc: Dr Vladimir Ryabinin, Executive Secretary, IOC)
 Mr Jon Turton, DBCP chairperson)
 Mr Johan Stander, JCOMM co-president for Marine Meteorology) (for information)
 Ms Nadia Pinardi, JCOMM co-president for Oceanography)
 Dr David Legler, JCOMM OCG chairperson)

In this context, the DBCP is now pleased to organize and sponsor the Fifth Capacity Building Workshop of the WMO/IOC Data Buoy Cooperation Panel (DBCP) for the North Pacific Ocean and its Marginal Seas (NPOMS-5) to be held in Tianjin, China, from 4 to 7 July 2017, at the kind invitation of the National Marine Data and Information Service (NMDIS), State Oceanic Administration (SOA). The objective of the Workshop will follow up from the series of NPOMS workshops in the view to enhance nations' capacity to apply ocean observations for societal benefit. The Workshop will particularly address the use of ocean observations to improve Typhoon Track and Intensity Forecasts for the benefit of nations in the NPOMS region impacted by typhoons. The goals of the Workshop are listed in Annex 1. This Workshop is a realization of the JCOMM PANGAEA concept <http://www.jcomm.info/pangea-concept>.

The Workshop will be conducted in English only. Enclosed you will find 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/NPOMS-5>.

The Workshop is primarily designed for typhoon forecasters, ocean data users, researchers and buoy operators in countries of the East Asia Region. The curriculum will cover: the regional programmes on typhoon; processes and mechanisms of typhoon-ocean interaction; application and improvement of ocean observations for typhoon; and enhancing regional and national human, institutional and infrastructure capacity to deliver socioeconomic benefits from ocean observations. Trainers are being drawn from a wide spectrum of the international ocean community.

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 2017 and will inform the selected experts accordingly.

Regarding financial assistance, priority will be given to candidates from developing countries. Regulation 37 of the WMO General Regulations states that:

"Expenses of attendance of members of working groups of constituent bodies at sessions of these groups shall normally be borne by the Members to which those members belong."

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 30 April 2017** 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 IOC, to nominate experts from either your oceanographic or meteorological institutions, or any other national institutions specializing in the subject field.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Zhang', with a stylized flourish at the end.

(W. Zhang)
for the Secretary-General

GOALS OF THE WORKSHOP

The following goals and associated actions reflect the needs of this NPOMS-5 Workshop and of the long-term Ocean-Climate Monitoring Capacity for Cyclogenesis and Forecasting:

1. Continue to build regional collaboration to improve the implementation of ocean observations for improving typhoon track and intensity forecasts, and estimating the impacts of typhoons on ocean environment.
 2. Review recent, on-going and planned regional programmes on typhoon and its interaction with the ocean.
 3. Discuss new advances in our understanding of the processes and mechanisms of typhoon-ocean interaction.
 4. Build regional (1) human, (2) institutional and (3) infrastructure capacity needed to acquire, process and deliver rapid deployment, potentially from aircraft, of operational data buoys, floats, gliders, etc. for the collection of buoy data, and related data management, for improving typhoon forecast accuracy.
 5. Demonstrate the crucial role of ocean observations in the Western Pacific, such as for understanding and predicting regional cyclogenesis.
 6. Continue to learn practical implementation skills for the deployment of Operational Data Buoys at sea, the collection of Buoy Data, and related Data Management.
 7. Continue to align with objectives of the Global Framework for Climate Services (GFCS), Global Framework for Ocean Observations and the Marine Climate Data System (MCDS) to Deliver Ocean Data to the End-User.
 8. Enhance coordination and cooperation between the DBCP Task Team for Capacity Building (TT-CB), WMO Regional Associations (RAs II/V) and the IOC Sub-Commission for the Western Pacific (WESTPAC).
-

NOMINATION / REGISTRATION FORM

IOC-WMO Fifth Workshop of DBCP Capacity Building for the North Pacific Ocean and its Marginal Seas with a Focus on Typhoon

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)		
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 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). <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> <ul style="list-style-type: none"> (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). <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 physical oceanography and the basics in geophysical fluid dynamics (e.g. Equation of State, etc.)?
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>
5.	What do you expect from this Training Workshop?
6.	In your view, what would make the Training Workshop successful?
7.	Do you have any questions or comments?
8.	Did you participate at NPOMS-1, NPOMS-2, NPOMS-3 or NPOMS-4?

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)