

**WMO OMM**

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

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9 April 2024

Annexes: 2 (available in English only)

Subject: Data Buoy Cooperation Panel Training Workshop on Ocean Observations for Weather Forecast and Climate Prediction, Indian Ocean, 6-8 August 2024

Action required: To nominate participants for the workshop from your country on or before **30 April 2024**

Dear Sir/Madam,

As you may recall, 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 United Nations Educational, Scientific and Cultural Organization (UNESCO), as well as one of the 13 global ocean-observing networks, coordinated under the Global Ocean Observing System (GOOS). The focus of DBCP is on the global coordination of drifting and moored buoys, ice buoys and tsunami buoys to provide data for weather and climate applications.

At its thirty-ninth session (DBCP-39) held in Bali, Indonesia in October 2023, the DBCP noted its continuing success in regional training workshops held during 2016-2023 and endorsed support for the organization of the "Training Workshop on Ocean Observations for Weather Forecast and Climate Prediction-Indian Ocean" in 2024.

The workshop aims to enhance ocean observation for weather forecasting and climate prediction in the Indian and western Pacific Oceans. The themes for the workshop will include ocean data requirements, access and management, application in forecasting and climate prediction and regional requirements and cooperation.

The workshop is primarily designed for ocean forecasters, ocean data managers, and observation instrument operators from the Indian Ocean, Indonesian-throughflow, and western Pacific regions, especially from developing States and Territories. The workshop will be conducted in English only. Attached herewith is a copy of the workshop goals (Annex I) for your information. The programme, local arrangements (accommodation, visas, etc.), and any other information pertinent to the workshop will be posted, in due course, on the [GOOS event webpage](#). Trainers are being drawn from a wide spectrum of the international ocean community.

At the kind invitation of the Agency for Meteorology, Climatology and Geophysics (BMKG), Republic of Indonesia, the workshop will take place as a hybrid session from 6 to 8 August 2024 in Citeko, Republic of Indonesia.

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

To: Permanent Representatives of Members with WMO

cc: Hydrological Advisers

Once all the nominations have been received, a selection committee will be set up to select the most qualified experts in marine meteorological and oceanographic (met-ocean) forecasting or observations. Priority will be given to applicants from the Indian Ocean and western Pacific Ocean regions. If space is available, applicants from other areas will be considered. The selection committee will deliberate as of the beginning of May 2024 and will inform the selected experts soon after.

Regarding insurance coverage for non-staff members, may I draw your attention to the following:

"Non-staff members of WMO who are authorized to travel at the Organization's expense and/or who are receiving a DSA from WMO must ensure they are fully responsible for expenses incurred in the event of death, illness or injury during official travel and attendance at meetings on behalf of the Organization. They are, therefore, fully responsible for arranging life, health, accident, as well as any other forms of insurance with an adequate level of coverage for the duration of such meetings and events. WMO liability is limited to the performance of services or attendance at a meeting on behalf of the Organization, is covered by an injury and illness benefit insurance which provides a limited coverage for medical, emergency and supplementary official travel expenses."

Please send your nominations using the form in Annex 2 to the IOC Secretariat for the attention of Ms Champika Gallage, Scientific Officer (cgallage@wmo.int), with a copy to Ms Ting Yu (t.yu@unesco.org) **no later than 30 April 2024**. It should also be noted that selected participants will be required to present a valid passport (validity at least six months beyond the date of travel) and obtain the necessary entry and/or transit visas in due course.

Finally, I look forward to the active participation of all attendees in this important and rewarding event. In this context, you are invited, in your capacity as 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,



Prof. Celeste Saulo
Secretary-General

GOALS OF THE WORKSHOP

1. Continue to build capacity to apply ocean observing data for enhanced forecast and prediction capability in the region;
2. Demonstrate the role of ocean observations for understanding and predicting regional weather, ocean state and climatology;
3. Learn practical implementation aspects of ocean observing systems;
4. Enhance the capacity of quality control of buoy observation, data processing;
5. Evaluate observations and data gaps within the region and how they can be addressed;
6. Advance the design and regional coordination of the ocean observing system.

MODULES AND TOPICS OF WORKSHOP

Session 1: Needs and requirements of ocean data

Session 2: Data management and access

Session 3: Data application in forecasting

Session 4: Data application in climate prediction

Session 5: Regional requirements and cooperation

NOMINATION/REGISTRATION FORM**DBCP Training Workshop on Ocean Observations and Data Applications
- Indian Ocean***Citeko, Republic of Indonesia., 6-8 August 2024**The Government of:* _____*proposes the following nomination:***NOTE TO THE NOMINATED PARTICIPANT:****PLEASE COMPLETE ALL THE QUESTIONS IN THIS FORM
PLEASE WRITE CLEARLY AND PREFERABLY SUBMIT 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:		
You are planning to attend in-person <input type="checkbox"/> virtually <input type="checkbox"/> (please check one)		
If in-person participation: Financial assistance is requested: Yes <input type="checkbox"/> / No <input type="checkbox"/> If Yes, for: travel <input type="checkbox"/> per diem <input type="checkbox"/>		

QUESTIONS TO THE EXPERTS 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/utilizing ocean observing systems in the Indian Ocean and western Pacific 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) needs for ocean forecasting in the Indian Ocean and western Pacific region; (ii) cooperation with international programmes regarding the implementation of such activities <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 oceanography and ocean observing (e.g. instrumentation, data management, etc.)?</p>
4.	<p>What do you expect from this Training Workshop?</p>
5.	<p>In your view, what would make the Training Workshop successful?</p>
6.	<p>Do you have any questions or comments?</p>
7.	<p>Have you participated in any other DBCP Capacity Building Workshops?</p>

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

Name of PR of Member with WMO or IOC Action Addressee:

Date:

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

Please return the completed form **before 30 April 2024**, preferably by email, to Ms Champika Gallage, (cgallage@wmo.int) with copy to Ms Ting Yu (t.yu@unesco.org) and/or by surface mail to the WMO Secretariat at:

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