



Our ref.: 01731/2025/I/OCE/DBCP

26 March 2025

Annexes: 2 (available in English only)

Subject: Data Buoy Cooperation Panel Training Workshop on Ocean observations for operational services in the Indian Ocean Region (DBCP-CD-2025), 5–7 August 2025

Action required: To nominate participants for the workshop from your country **by 25 April 2025**

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 the Intergovernmental Oceanographic Commission (IOC) of UNESCO. It is also one of the 13 global ocean observing networks, coordinated under the GOOS Observation Coordination Group (OCG). The DBCP focuses on the global coordination of drifting and moored buoys, ice buoys, and tsunami buoys to provide critical data for weather and climate applications.

At its fortieth session (DBCP-40) held in Hyderabad, India in October 2024, the DBCP noted its ongoing success in regional training workshops conducted from 2016 to 2024 and endorsed support for organizing the "**Training Workshop on Ocean Observations for Operational Services in the Indian Ocean**" in 2025.

The objective of this workshop is to enhance the capacity of Members in the Indian Ocean region to maintain marine observation networks, collect quality data, and apply ocean observations to improve forecasting for social and economic benefits. The workshop will include both classroom and hands-on training to improve understanding of equipment operation, maintenance, and data management. The themes will cover ocean observing technologies, data access, data quality, best practices, regional collaboration to improve observing capacities, and the role of ocean observations in operational services.

This workshop is primarily designed for marine meteorological and oceanographic (met-ocean) forecasters, ocean data managers, and observation instrument operators from the Western and Northern Indian Ocean region. The workshop will be conducted in English. Trainers are being drawn from a wide spectrum of the international ocean community. The workshop goals ([Annex I](#)) is attached for your information. Further details on the programme, local arrangements (e.g. accommodation, visas<sup>1</sup>), and other pertinent information will be posted on the following link in due course: <https://goosocean.org/event/4700>.

At the kind invitation of the Indian National Centre for Ocean Information Services (INCOIS), the in-person workshop will take place from 5 to 7 August 2025, in Hyderabad, India.

<sup>1</sup> More details on how to obtain a visa to visit India can be found on the website "[India Visa Online](#)"

To: Permanent Representatives of Members of RA I, RA II and RA V with WMO

cc: Hydrological Advisers of RA I, RA II and RA V with WMO

I encourage you to nominate potential trainees using the attached Nomination/Registration Form ([Annex II](#)). This workshop presents an exceptional opportunity for participants to gain new skills, hands-on experience in maintaining instruments and platforms, and contribute significantly to major international programmes. Please note that a similar invitation for this event is being circulated by the IOC/UNESCO.

Once all nominations are received, a selection committee will review the applications and select the most qualified experts with relevant experience in met-ocean forecasting or observations. Priority will be given to applicants from the Western and Northern Indian Ocean countries. If space allows, applicants from other areas of the Indian Ocean may also be considered. The selection committee will make its decisions by the end of April 2025 and notify the selected experts shortly thereafter.

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, and 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 limited coverage for medical, emergency, and supplementary official travel expenses.*

Please send your nominations, using the form in [Annex II](#), to the WMO Secretariat, attention Ms Champika Gallage (Scientific Officer, Marine) at [cgallage@wmo.int](mailto:cgallage@wmo.int), with a copy to Ms Li Jing (Programme Specialist, IOC-UNESCO) at [ji.li@unesco.org](mailto:ji.li@unesco.org), **no later than 25 April 2025**. Selected participants will be required to present passport details (valid for at least six months beyond the travel date) and obtain any necessary entry and/or transit visas through the "[India Visa Online](#)" website.

Finally, I look forward to the active participation of all attendees in this important and rewarding event. In your capacity as the Permanent Representative of your country with WMO, I encourage you to nominate experts from your Meteorological Service or other national institutions specialized in the relevant field.

Yours faithfully,



Ms Ko Barrett  
for the Secretary-General

<b>GOALS OF THE WORKSHOP</b>	
<b>1.</b>	Continue to build capacity to apply ocean observing data for enhanced forecast and prediction capability in the region
<b>2.</b>	Demonstrate the role of ocean observations for understanding and predicting regional weather, ocean state and climate
<b>3.</b>	Learn practical implementation aspects of ocean observing systems
<b>4.</b>	Enhance the capacity of quality control of buoy observation, data processing
<b>5.</b>	Evaluate observations and data gaps within the region and how they can be addressed
<b>6.</b>	Strengthen regional collaboration and coordination of ocean observing systems

<b>MODULES AND TOPICS OF THE WORKSHOP</b>	
<b>Session 1</b>	Practical implementation and best practices in ocean observing systems
<b>Session 2</b>	Data Management and Access
<b>Session 3</b>	Data Application in Forecasting
<b>Session 4</b>	Data Application in Climate Prediction
<b>Session 5</b>	Regional Requirements and Cooperation

**NOMINATION/REGISTRATION FORM****Training Workshop on Ocean Observations for  
Operational Services in the Indian Ocean***Hyderabad, India, 5-7 August 2025*

The Government of ..... proposes the following nomination:

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

A	PERSONAL DETAILS
<b>Title:</b>	Please tick all that apply.
Mr	
Ms	
Doctor	
Professor	
Engineer	
Other	
Family name	
First name	
Job title	
Professional specialization	
Graduate degree(s)	

<b>Organization</b>			
Department			
Division			
Street			
Suite/Office			
City			
Postal code			
State			
Province			
Country			
Telephone number(s)			
<b>Email(s)</b> (Please write clearly)			
<b>Current job responsibilities:</b>			
<b>Do you require financial assistance to attend this workshop?</b> Please tick YES or NO.			
<b>YES</b>		<b>NO</b>	
Travel			
Per diem			

<b>B</b>		<b>QUESTIONS FOR THE EXPERTS NOMINATED FOR THE TRAINING WORKSHOP</b>					
<b>1.</b>	Give details of work experience (both in technical, operation and management-related experiences)						
Name of organization							
Start/end dates							
Brief description of role and responsibilities							
Reason for leaving							
<b>2.</b>	Write a brief statement setting out clearly why you are interested in attending this workshop and how you intend to use the skills from this training						
<b>3.</b>	What is your level of expertise/experience in oceanography and ocean observation (e.g. instrumentation, data management, etc.)? (please tick one)						
<b>No experience</b>	<input type="checkbox"/>	<b>Basic</b>	<input type="checkbox"/>	<b>Intermediate</b>	<input type="checkbox"/>	<b>Advanced</b>	<input type="checkbox"/>
<b>4.</b>	<b>Please indicate</b> – (N.B. Please use a separate sheet to provide a brief description regarding this question)						
(i)	Gaps and needs for ocean forecasting and/or operational service delivery in your country, the Indian Ocean region and surrounding regions						
(ii)	Existing programmes and plans of initialization/maintenance/utilizing ocean observing systems in the Indian Ocean region, and/or						
(iii)	Existing and planned collaboration and cooperation initiatives that align with international implementation ocean observing programmes (e.g. through the provision of instrument deployment opportunities, capacity development, etc.)						

<b>5.</b>	On which topic would you prefer to learn the most during this Training Workshop, especially to help you address your plans outlined in no. 4 above? (you can select up to 4 topics)
	Initialization of the Ocean Observing System (including needs and requirements on a regional and global scale)
	Ocean Observing System Deployment and Maintenance
	Ocean Data Management and Access
	Ocean Data Processing, Analysis and Quality Control
	Ocean Data Utilization and Application (i.e. Weather and Marine Forecasting, Climate Prediction, etc.)
	Regional and Global Ocean Observing System Cooperation Programme and Activities
	Other related topics, please mention:
<b>6.</b>	Have you participated in any other DBCP Capacity Building Workshop? (please tick one)
	<b>No</b>
	<b>Yes</b> – please mention which event(s) you have attended.
<b>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</b>	
<b>Name of PR with WMO or IOC Action Addressee:</b>	
<b>Date</b>	<b>(Signature of the Permanent Representative with WMO or IOC Action Addressee)</b>

Please return the completed form **before 25 April 2025**, preferably by email, to:  
 Ms Champika Gallage, ([cgallage@wmo.int](mailto:cgallage@wmo.int)) with copy to Ms Li Jing ([ji.li@unesco.org](mailto:ji.li@unesco.org))  
 and/or by surface mail to the WMO Secretariat at:

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 Infrastructure Department  
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 Fax: (+41 22) 730 8181