



INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION  
COMMISSION OCÉANOGRAPHIQUE INTERGOUVERNEMENTALE  
COMISIÓN OCEANOGRÁFICA INTERGUBERNAMENTAL  
МЕЖПРАВИТЕЛЬСТВЕННАЯ ОКЕАНОГРАФИЧЕСКАЯ КОМИССИЯ  
اللجنة الدولية الحكومية لعلوم المحيطات  
政府间海洋学委员会

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**IOC Circular Letter No 3036**  
(Available in English only)

IOC/VR/OOS/LJ/lj  
26 March 2025

To : Official National Coordinating Bodies for liaison with the IOC (IOC Member States)  
Data Buoy Cooperation Panel (DBCP) National Focal Points

C.c. : Permanent Delegations to UNESCO and  
National Commissions for UNESCO of IOC Member States  
Chairpersons, GOOS and GCOS Steering Committee  
GOOS National Focal Points  
GOOS Regional Alliance Council  
Officers of Major IOC Subsidiary Bodies (Scientific, Technical and Regional)

**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 before 25 April 2025

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 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 3-day workshop is to enhance the capacity of Member States 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

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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.

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

Through this workshop, GOOS and DBCP seek to contribute to regional capacity. I encourage you to nominate potential trainees who might benefit from the training and support this aim. 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. Trainers are being drawn from a wide spectrum of the international ocean community. The workshop will be conducted in English. A copy of the workshop goals (Annex 1) is attached for your information. Further details on the programme, local arrangements (e.g., accommodation, visas), and other pertinent information will be posted on the following link in due course: <https://goosocean.org/event/4700>.

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 end of April 2025 and notify the selected experts shortly thereafter.

Please send your nominations, using the nomination/registration form in Annex 2, to the IOC Secretariat no later than 25 April 2025, to the attention of Ms Jing Li (Programme Specialist, IOC) at [ji.li@unesco.org](mailto:ji.li@unesco.org), copy to Ms Champika Gallage (Scientific Officer, Marine, WMO) at [cgallage@wmo.int](mailto:cgallage@wmo.int). A similar invitation letter to this event is also being circulated by WMO. Please note that the selected participants will be required to present a valid passport (six months beyond the date of travel) and obtain the necessary entry and/or transit visas in due course. Details to obtain a visa to visit India is available through "[India Visa Online](#)".

We look forward to receiving your nominations for this important capacity development effort.

Yours sincerely,

*[signature]*

Vidar Helgesen  
Executive Secretary

Enclosures (2): 1/ Goals, modules, and topics of the workshop  
2/ Nomination/Registration Form

## **1/ Goals, Modules, and Topics of the Workshop**

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### **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 climate;
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. Strengthen regional collaboration and coordination of ocean observing system.

### **MODULES AND TOPICS OF WORKSHOP**

Session 1: Practical implementation and best practices in ocean observing systems

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

## 2/ Nomination/Registration Form

### Training Workshop on Ocean Observations for Operational Service 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 the questions in this form, write clearly,**  
**and submit this form, preferably, in electronic format**

<b>A. PERSONAL</b>		
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)		
E-mail(s) - <b>PLEASE WRITE YOUR E-MAIL(S) VERY CLEARLY</b>		
E-mail (1)		
E-mail (2)		
Current Job responsibilities:		
Financial assistance is requested to attend this workshop		
No <input type="checkbox"/> /Yes <input type="checkbox"/> If Yes; for: travel <input type="checkbox"/> per diem <input type="checkbox"/>		

B. QUESTIONS TO THE EXPERTS NOMINATED FOR THE TRAINING WORKSHOP			
1. Give details of working experience (both in technical operation and management related experiences)			
Name of organization	Starting and end date	Brief description of role and responsibilities	Reason for leaving
2. 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			
3.	What is your level of expertise/ experiences in oceanography and ocean observation (e.g., instrumentation, data management, etc.)? (please check one) <b>No experience</b> <input type="checkbox"/> <b>Basic</b> <input type="checkbox"/> <b>Intermediate</b> <input type="checkbox"/> <b>Advance</b> <input type="checkbox"/>		
4.	Please indicate: (i) the gaps and needs for ocean forecasting and/or operational service delivery in your country, the Indian Ocean region and surrounding; (ii) the existing programmes and plans of initialization/ maintenance/ utilizing ocean observing systems in Indian Ocean region, and/or; (iii) the 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.). <i>N.B.: Please use a separate sheet to provide a brief description on this question</i>		
5.	Which topic you prefer to learn the most from this Training Workshop, especially to help you addressing your plans in no. 4? (you can select up to 4 topics) Initialization of the Ocean Observing System (including needs and requirement in regional and global scale) <input type="checkbox"/> Ocean Observing System Deployment and Maintenance <input type="checkbox"/> Ocean Data Management and Access <input type="checkbox"/> Ocean Data Processing, Analysis and Quality Control <input type="checkbox"/>		

	Ocean Data Utilization and Application (i.e. Weather and Marine Forecasting, <input type="checkbox"/> Climate Prediction, etc.) <input type="checkbox"/> Regional and Global Ocean Observing System Cooperation Programme and Activities <input type="checkbox"/> Other related topics, please mention ..... .....
6.	Did you participate in any other DBCP Capacity Building Workshops? If yes, please specify.

<b>PLEASE NOTE, ONLY NOMINATION/REGISTRATION FORMS, SIGNED BY THE PERMANENT REPRESENTATIVE (PR) OF YOUR COUNTRY WITH WMO OR THE <u>IOC</u> <u>ACTION ADDRESSEE(S) OF YOUR COUNTRY</u> WILL BE CONSIDERED</b>
<i>Name of NCB with IOC or WMO Action Addressee:</i>

Name of the Official National Coordinating Bodies  
for liaison with IOC or WMO Action Addressee

Date:

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Signature of the Official National Coordinating Bodies for  
liaison with IOC or WMO Action Addressee

Please return the completed form **before 25 April 2025**, preferably by e-mail, to the attention of  
Ms Jing Li at [ji.li@unesco.org](mailto:ji.li@unesco.org) with cc: Ms Champika Gallage, [cgallage@wmo.int](mailto:cgallage@wmo.int).