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भारत सरकार / **Government of India**
पृथ्वी विज्ञान मंत्रालय / **Ministry of Earth Sciences**
भारत मौसम विज्ञान विभाग / **India Meteorological Department**
मौसम विज्ञान के महानिदेशक का कार्यालय / **Office of the Director General of Meteorology**
मौसम भवन, लोदी रोड़ / **Mausam Bhavan, Lodi Road**
नई दिल्ली-110003 (भारत) / **New Delhi - 110003 (India)**

Dated : 07.07.2023

Circular

Subject: WMO Virtual Workshop on Environmental Sustainability of Observing Systems and Methods to be held on 12 and 13 September 2023.

The World Meteorological Organization Infrastructure Commission (INFCOM) is organizing a virtual workshop on the 'Environmental Sustainability of Observing Systems and Methods' to be held on 12-13 September 2023, from 11:00 to 15:00 UTC (IST 04:30 PM to 08:30 PM) on both days. The information regarding Workshop is attached herewith and may kindly be seen for more details.

Last date for submission of abstracts is 31.07.2023 and for registration is 25 August 2023. Interested candidates may submit their abstracts/papers under intimation to the Organisation Division at the following email address:

Email: **organisationsection@gmail.com**


R.K. Giri
Sc.-F (Org.)
For DGM

**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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Our ref.: 15153/I/ONM/MQC/EnvSustWshp

6 July 2023

Subject: Announcement, call for abstracts and call for registration for the WMO Virtual Workshop on Environmental Sustainability of Observing Systems and Methods

Action required:

- (1) To distribute the announcement to interested parties,
- (2) To submit abstracts of presentations via the WMO website as soon as possible, but not later than **31 July 2023**,
- (3) To register for attendance via the WMO website as soon as possible, but not later than **25 August 2023**.

Dear Sir/Madam,

The World Meteorological Organization Infrastructure Commission (INFCOM) is pleased to invite you to participate in a virtual workshop on the Environmental Sustainability of Observing Systems and Methods, to be held on 12 and 13 September 2023, from 1100 to 1500 UTC on both days. The workshop aims to assemble a diverse and multidisciplinary group of experts from National Meteorological and Hydrological Services, industry, and academia to discuss challenges faced by WMO Members in operating their observing networks in an environmentally sustainable fashion, and to share the latest developments in observing systems and methods that prioritize sustainable practices.

The workshop will focus on meteorological (surface and upper air) and marine observational domains – the key elements of the WMO Global Basic Observing Network (GBON) – and will provide a venue for participants to share their perspectives and expertise regarding the planning, evaluation, and implementation of more sustainable observing systems and methods. Results and key takeaways from the 2022 WMO Survey on the Environmental Sustainability of Observing Systems and Methods will be presented to establish a baseline for discussions and to highlight key gaps, opportunities, and challenges. The primary objective of the workshop is to facilitate development of practical and pragmatic guidance for both WMO Members and the vendor community, to be advanced via recommendations in WMO documentation, as well as to identify specific activities to be conducted by INFCOM in this area.

The workshop will be conducted in English, with each day featuring a combination of presentations and breakout discussions aligned with a central theme of achieving a more sustainable approach to environmental monitoring.

To: Permanent Representatives of Members with WMO
HMEI Executive Secretary

cc: Hydrological Advisers

| Day 1: Observing systems | Day 2: Policies, practices, and standards |
|--|---|
| <ul style="list-style-type: none">• Approaches to mitigate environmental impacts of weather and climate observing systems• New, innovative, and emerging technologies• Methods for monitoring and reporting on environmental performance/impacts | <ul style="list-style-type: none">• National and international initiatives to enhance environmental sustainability• Evolving business practices, including green procurement• Standards and certifications• Promotion and incentive mechanisms |

Registration for the workshop is open until **25 August 2023**. Anyone interested in presenting at the workshop is kindly invited to submit an abstract by **31 July 2023**. Please note that for technical reasons, consideration can only be given to abstracts, in English, of **300 words or less**.

All information concerning the workshop will be posted on the [workshop website: WMO Virtual Workshop on Environmental Sustainability of Observing Systems and Methods | World Meteorological Organization](#).

To submit a presentation, please fill the [Abstract Submission Form](#) online.

To register for the workshop, please fill the [participant Registration Form](#) online.

I should be grateful if you could share this announcement within your organization, related organizations, and networks to the greatest extent possible.

Yours faithfully,



Dr Wenjian Zhang
for the Secretary-General