



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.: 15153/ I/ONM/MQC/EnvSustWshp

4 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 11:00 to 15:00 UTC on both days. The workshop aims to assemble a diverse and multi-disciplinary 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.

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

To: Permanent Representatives of Members with WMO
HMEI Executive Secretary

cc: Hydrological Advisers

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