

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

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