



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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2026 年 5 月 19 日

附件: 1 (仅以英文提供)

主题: 更正件: 关于出席 WMO 推进公平获取人工智能用于水文气象预测磋商会的邀请函

要求采取的行动: 于 **2026 年 5 月 25 日**前通过 Zoom 注册参会

尊敬的先生/女士,

人工智能 (AI) 正在迅速改变水文气象预测, 为加强预报和预警系统开创新机遇, 对发展中国家尤为如此。同时, 这些进步也提出了与信任、权威、数据管理及公平获取相关的重要治理问题。

基于 [WMO AI 天气预测大会](#) (阿布扎比, 2025 年 9 月) 的成果, 并作为联合国大会全球 AI 治理对话会意见征集过程的一部分, WMO 将于 2026 年 6 月 4 日世界协调时 06: 30-08: 00 和 14: 00-15: 30 组织两次虚拟磋商会。磋商会将邀请发展中国家的国家气象水文部门 (NMHS), 共商 AI 如何重塑水文气象服务, 并讨论优先治理事项, 以协助确保 AI 助力获取可信、可持续、符合公共利益成果。会议还将包括在发展中国家从事 AI 试点的 NMHS 和私营部门的代表。

我谨邀请您或贵 NMHS 指定的高级代表出席此次磋商会。

为筹备磋商会, WMO 将分发一份会员通过“2025 年 WMO 数据收集活动”提交的反馈概述, 涉及 AI 和机器学习 (ML) 的使用、应用领域、所获得的数据集、基础设施、AI/ML 专业知识、采纳障碍、伦理问题以及商用 AI/ML 预测产品的使用。

要确认您参会, 请尽快通过以下 [Zoom 链接](#)注册。更多详细信息见随附的概念说明。

如有问题, 请随时联系 avazcaltabiano@wmo.int 或 rnunez@wmo.int。

谨上

席列斯特·绍罗教授
秘书长

致: WMO 会员常任代表

抄送: 水文顾问

Consultation on Advancing Equitable Access to AI for Weather and Climate Prediction

A Governance Consultation with Developing Country NMHSs

4 June 2026 – Virtual meeting (by invitation only)

Session 1: 06:30–08:00 UTC

Session 2: 14:00–15:30 UTC

1. BACKGROUND

Artificial intelligence (AI) is increasingly reshaping weather and climate prediction and services. Emerging AI-based approaches have the potential to expand access to advanced forecasting capabilities, particularly for developing countries, by reducing computational barriers while strengthening forecasting and early warning systems. At the same time, the rapid evolution of AI is raising important governance questions related to institutional trust, authority, data stewardship, equitable access and the sustainability of public-good meteorological systems.

Recognizing these opportunities and challenges, and building on the outcomes of the WMO AI Conference on Weather Prediction (Abu Dhabi, September 2025), WMO is convening this consultation to ensure that the perspectives of developing country National Meteorological and Hydrological Services (NMHSs) are reflected in ongoing discussions on AI governance.

2. PURPOSE

The consultation will provide a dedicated platform for developing country NMHS leadership to exchange perspectives on how AI is transforming weather and climate prediction and services, and to identify governance priorities that can support equitable, trusted and sustainable integration of AI.

3. OBJECTIVES

The consultation aims to:

- (a) Examine how AI is reshaping institutional roles, authority and trust in weather and climate services;
- (b) Discuss governance implications related to the use of shared meteorological and climate data in AI systems;
- (c) Identify governance challenges and opportunities faced by developing countries, including issues of equity, access and influence;
- (d) Explore the implications of evolving public–private roles in AI-enabled weather and climate services;
- (e) Identify priority governance considerations to inform further work within WMO and broader international AI governance discussions.

4. PARTICIPANTS

Participants are expected to include:

- (a) Permanent Representatives or senior leadership of developing country NMHSs;
- (b) Representatives from relevant WMO bodies;
- (c) Selected private-sector actors active in AI-enabled weather and climate services;
- (d) Relevant United Nations and international partner organizations.

5. EXPECTED OUTCOMES

The consultation is expected to provide:

- (a) NMHS-driven perspectives on AI governance priorities;
- (b) Identification of key governance risks and opportunities for developing countries;
- (c) Input to WMO's ongoing work on AI and governance;
- (d) Contributions to broader international dialogue on AI governance relevant to weather, climate and early warning systems.

6. ADMINISTRATIVE INFORMATION

Further details regarding agenda, participation arrangements and technical access will be communicated to registered participants in due course.
