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16 January 2026

Subject: Launch of WMO Artificial Intelligence Webinar Series and invitation for topic submissions

Dear Sir/Madam,

Artificial Intelligence (AI) is increasingly shaping the future of meteorology, climatology, hydrology, oceanography, and related environmental science and services. The World Meteorological Organization (WMO) Members are actively exploring AI technologies to improve forecasting accuracy, optimize data processing and strengthen climate resilience. To support this momentum and foster collaboration across our community, and following [Resolution 3](#) of the extraordinary session of the World Meteorological Congress (Cg-Ext(2025)) – Development of a new WMO Integrated Processing and Prediction System strategy incorporating artificial intelligence, that invited Members to initiate conferences, webinars and training events to support the global weather, climate, hydrological and marine community evolution and to share the insights gained in piloting the new technology, the WMO Secretariat is pleased to announce the launch of a regular Artificial Intelligence Webinar Series.

This initiative aims to provide a platform for knowledge exchange on AI applications in meteorological, climate and Earth system sciences. The webinars are an opportunity to showcase innovative projects, share lessons learned, and support the synergies among Members, partner organizations, academia and the private sector. By doing so, we aspire to strengthen international cooperation and accelerate the adoption of AI-driven solutions in operational and research contexts.

I am pleased to announce that the first webinar will be held from 1300UTC to 1400UTC on Thursday, 22 January 2026. Environment and Climate Change Canada (ECCC) and Korea Meteorological Administration (KMA) will present their development of AI applications for operational purposes.

The webinars will be held virtually on a monthly basis, with each session lasting approximately 60 minutes. A typical session will include opening remarks, presentations by two contributors and an interactive question-and-answer segment. Participation will be open to all WMO Members and partner organizations, and we strongly encourage technical experts to attend and engage actively.

In preparation for the following webinars, we invite Members and partner organizations to propose presentation topics and volunteer as speakers. Upon the recommendation of the Permanent Representatives (PRs) of Members, contributions from academia and private sector stakeholders are also possible and encouraged. Contributions may cover operational applications, research findings, case studies or lessons learned in areas such as forecasting, modeling, data assimilation and climate services. Examples of working terms or business models with the Industry and/or the Academy and lessons learned from such engagements are also encouraged. Proposals for presentation topics for coming webinars should be submitted to wipps@wmo.int. Kindly include a brief description of the topic and speaker details. Submissions received before the end of a month will be considered for

To: Permanent Representatives of Members with WMO
 Partner Organizations

cc: Hydrological Advisers

webinars scheduled at least one month later, allowing sufficient time for review, speaker confirmation and logistical arrangements.

Further information, including the webinar schedule and registration links, will be made available on the [WMO AI Community of Practice site](#) and [WMO Events and Meetings site](#).

We look forward to your active participation and valuable contributions to this important initiative.

Yours faithfully,



Prof. Celeste Saulo
Secretary-General