



Notre réf.: 6712598/2026/SSCD/SI

17 avril 2026

Annexe: 1 (disponible en anglais seulement)

**Objet:** Invitation à la Conférence publique sur la mousson 2026 organisée par l'OMM et l'Administration météorologique chinoise (CMA) (Shanghai, Chine, 18-20 mai 2026)

**Suite à donner:** Confirmer votre participation (en personne ou en ligne) à la conférence dans les meilleurs délais, de préférence avant le **24 avril 2026**

Madame, Monsieur,

Au nom de l'OMM et en collaboration avec la CMA, j'ai le plaisir de vous inviter à participer à la conférence mentionnée en objet, qui se tiendra à Shanghai, du 18 au 20 mai 2026.

Compte tenu de l'importance cruciale du système mondial de mousson et de ses répercussions sur une grande partie de la population, cette conférence offrira un cadre permettant de réunir les Membres de l'OMM, notamment des représentants de ses commissions techniques et des organes subsidiaires des conseils régionaux, ainsi que des communautés scientifiques et opérationnelles concernées des régions soumises au régime de la mousson, afin de discuter des nouvelles priorités en matière de recherche et de services relatifs à la mousson et de renforcer la coordination dans les domaines de la recherche, des observations, des opérations et de la prestation de services à l'appui des priorités stratégiques de l'OMM, notamment l'Initiative «Alertes précoces pour tous» (EW4All) des Nations Unies.

La note de synthèse figure dans l'[annexe](#) de la présente lettre.

Nous espérons que votre organisation pourra prendre en charge les frais de votre participation. Si toutefois cela n'était pas possible, l'OMM pourrait envisager d'accorder, sur demande, une assistance financière dans la limite des ressources disponibles.

Concernant l'assurance des personnes n'ayant pas la qualité de fonctionnaires, je tiens à attirer votre attention sur les dispositions suivantes:

*«Les personnes ne faisant pas partie du personnel de l'Organisation qui sont autorisées à voyager à ses frais et/ou au bénéfice d'une indemnité journalière de subsistance doivent veiller à pouvoir prendre entièrement à leur charge toute dépense encourue en cas de décès, de maladie ou de lésion corporelle imputable à un voyage officiel et à la participation à des réunions au nom de l'Organisation. Il leur appartient donc de contracter toute assurance-vie, assurance-maladie, assurance accidents ou toute autre forme d'assurance avec un niveau de couverture adéquat pour toute la durée de ces réunions et événements.»*

*La responsabilité de l'OMM est limitée à l'exercice de fonctions ou à la participation à une réunion pour son compte. L'OMM a souscrit une assurance contre les accidents et les maladies qui prévoit une couverture limitée des frais médicaux, des frais d'urgence et des frais supplémentaires encourus lors des voyages officiels.»*

Aux: Représentants permanents des Membres des Régions I, II et V de l'OMM

Je vous saurais gré de bien vouloir confirmer votre participation (en personne ou en ligne) à cette conférence dans les meilleurs délais, et de préférence avant le **24 avril 2026**, en précisant si une assistance financière est requise. Pour tout complément d'information ou demande d'éclaircissement, n'hésitez pas à prendre contact avec Mme Liye Li ([lli@wmo.int](mailto:lli@wmo.int)) et/ou avec l'organisateur local ([aaam@cma.gov.cn](mailto:aaam@cma.gov.cn)).

Dans l'espoir que vous serez en mesure de participer à cette conférence, je vous prie d'agréer, Madame, Monsieur, l'expression de ma considération distinguée.

Veillez agréer, Madame, Monsieur, l'expression de ma considération distinguée.



Celeste Saulo  
Secrétaire générale

## Concept Note

### **Open Monsoon Conference 2026** (Shanghai, China, from 18 to 20 May 2026)

#### **1. Introduction**

The global monsoon is a fundamental component of the Earth's climate system, spanning multiple regions and influencing weather and climate even beyond these regions. Given that approximately two-thirds of the world's population are directly or indirectly affected by monsoon variability and extremes, monsoon-related weather and climate services are of critical importance for early warning, disaster risk reduction (DRR), and climate change adaptation.

Improving understanding of the mechanisms driving extreme weather and climate phenomena within the global monsoon system under climate change, including the roles of natural and anthropogenic drivers, together with enhanced monitoring and prediction capabilities, is essential to support reliable forecasting and climate services.

WMO Members and their National Meteorological and Hydrological Services (NMHSs) are under increasing pressure to cope with climate change and extreme events, while also facing rapid technological advances and rising expectations for more impact-oriented, accurate, timely, and decision-relevant/actionable services. These evolving requirements place growing demands on effective and rapid coordination and integration of research, operations, and services.

The need to advance an integrated understanding and coordination of monsoon research has been validated by expert groups within the WMO scientific activities, including the Monsoon Panel under the Climate and Ocean Variability, Predictability and Change (CLIVAR)/Global Water and Energy Exchanges (GEWEX) core projects of the World Climate Research Programme (WCRP) and the Working Group on Tropical Meteorology Research (WG TMR) under the World Weather Research Programme (WWRP), together with existing regional cooperation mechanisms.

In parallel, the eighth session of the WMO International Workshop on Monsoons (IWM-8), hosted by the Indian Institute of Tropical Meteorology (IITM), was held in March 2025 in Pune, India. The event, led by the International Monsoons Project Office (IMPO) and jointly organized by WCRP and WWRP, identified a set of recommendations for both research and operational communities. These recommendations call for strengthened international coordination, improved data sharing, closer research/operations integration, and more impact-oriented monsoon forecasting and services.

Taken together, those endorsements and recommendations provide a strong foundation for monsoon research cooperation, while also highlighting the need to further strengthen integrated, cross-regional collaboration, particularly in connecting research with operations and services and wider stakeholder cooperation. It presents an opportunity to demonstrate full integration and rapid delivery of research into the United Nations Early Warnings for All (EW4All) initiative<sup>2</sup>, accelerating climate services within a WMO-coordinated, Member-driven framework.

In this context, WMO, in collaboration with the China Meteorological Administration (CMA), proposes to convene an Open Monsoon Conference as a forum to bring together relevant Members, partners, and key scientific and operational communities from various regions. The Conference aims to identify shared challenges and emerging needs in global monsoon research and services, and to foster a collective effort among Members and partners to address these challenges through strengthened collaboration across research, operations, and service delivery, including in support of EW4All.

## 2. Objectives

- Building on the substantial body of monsoon research undertaken under WCRP and WWRP, encourage monsoon research and cooperation within a WMO-coordinated global framework, bringing together key monsoon regions to address shared challenges with clear relevance to early warning and DRR
- Enable WMO Members, the Research Board, and Regional Associations (RAs, in particular their research structures) to jointly articulate shared monsoon-related priorities and needs across research, operations, and services, and to build collective ownership and alignment through a Member-driven, multilateral process
- Promote the development of a sustainable, Member-driven model for international collaboration on monsoon research and services under WMO, with clear mechanisms for Member participation and benefits, leveraging existing WMO-supported structures and regional cooperation mechanisms, strengthening international coordination and close collaboration with ongoing WCRP and WWRP research efforts, ensuring complementarity, and reinforcing the pathway from coordinated research to operational applications and services
- Strengthen coordination among monsoon researchers, operational communities, and service users across Asian, Australian, and African regions to build an inclusive and action-oriented community prepared to engage in jointly identified priorities and collaborative initiatives
- Facilitate a collective discussion on the potential added value, scope, and alignment of an internationally coordinated science programme on the Asian, Australian, and African Monsoon (AAAM), with a view to integrating it into existing WMO-supported structures and ensuring broad Member participation

## 3. Expected outcomes

The Conference is expected to deliver the following:

- Academic consensus on key scientific issues of the broad monsoon, and identification of regional research priorities and cooperation directions
- Actionable recommendations on how to bridge gaps between monsoon research and operational services, including early warning and DRR, in the context of climate change and technological transformation
- Exchange of Member and partner needs, interests, and collaboration opportunities, and the encouragement of cross-regional engagement as well as the emergence of clear, sustainable, Member-driven mechanisms for cooperation on monsoon research and services under WMO
- A shared framework for coordination between WMO Members and existing academic and research communities on global and regional monsoons, clarifying roles, interfaces, and mutual benefits, and strengthening the integration of scientific research with operational priorities and service delivery

**4. The Open Monsoon Conference is co-organized by** the World Meteorological Organization (WMO) and the China Meteorological Administration (CMA)

**5. Date, venue and format**

- A three-day hybrid event from 18 to 20 May 2026 in Shanghai, China
- Working language: English
- Format: Hybrid (on-site presentations and discussions encouraged, with online zoom webinar available)

**6. Proposed agenda and sessions**

<b>1 half day (Monday, 18 May A.M.)</b>	<b>2 full days (Monday, 18 May P.M. to Wednesday, 20 May A.M.)</b>	<b>1 half day (Wednesday, 20 May P.M.)</b>
<p><b>Opening ceremony and plenary session</b></p> <p>Overview of WMO research priorities and key scientific challenges related to monsoon research</p>	<p><b>Scientific sessions</b></p> <p>Topics related to global monsoon variability and physical processes</p> <p>Topics related to human influences and prediction of extreme weather and climate events</p> <p><b>Services: Forecasting, Early Warning and DRR</b></p> <p>Discussion on links between monsoon research, forecasting and services</p>	<p><b>Member discussions and cross-regional collaboration</b></p> <p>Exchange of Member needs and potential collaboration opportunities</p>

**7. Funding support**

Potential funding may be considered upon request and depending on the availability of limited resources.

**8. Scientific Steering Committee**

<b>Name</b>	<b>Country</b>	<b>Organization</b>
Renhe Zhang	China	Fudan University
Thomas Stocker	Switzerland	University of Bern
Matthew Wheeler	Australia	Bureau of Meteorology
Zhuo Wang	United States	University of Illinois
Annalisa Cherchi	Italy	The Institute of Atmospheric Sciences and Climate, CNR-ISAC
Bin Wang	United States	University of Hawaii
Wen Chen	China	Yunnan University
Ousmane Ndiaye	Senegal	African Center of Meteorological Applications for Development
V.S. Prasad	India	National Centre for Medium Range Weather Forecasting
Jian Li	China	Chinese Academy of Meteorological Science
Suryachander Rao	India	Indian Institute of Tropical Meteorology
Qingchen Chao	China	National Climate Center of China Meteorological Administration
Oswaldo MORAES	Brazil	National Center for Monitoring and Alerting of Natural Disasters

**9. Focal Points**

Dr Liye Li ([lili@wmo.int](mailto:lili@wmo.int)), Junior Professional Officer, Science, Services and Capacity Development Department (SSCD)

Mr Jun Yu ([jyu@wmo.int](mailto:jyu@wmo.int)), Regional Officer at the WMO Regional Office for Asia and the South-West Pacific (RAP)

Local organizer ([aaam@cma.gov.cn](mailto:aaam@cma.gov.cn))

---