

**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

Ref.: 11672/2024-1.6 S

Our ref.: 11672/2024/S-DMPS/DTD/MHEWS-Tr

17 July 2024

Annex.: 1

Subject: Regional Training on Multi-Hazard Early Warning Services (MHEWS)
Interoperability Implementation, New Delhi, 9-13 December 2024

Action required: Nominate an expert from your Service and send the nomination form to the WMO Secretariat as soon as possible but preferably **not later than 10 September 2024**

Dear Sir/Madam,

As you might be aware, the Executive Council in its seventy-sixth session (EC-76) (Feb/Mar 2023) through its [Resolution 15 \(EC-76\) - Multi-hazard Early Warning Services Interoperable Environment](#) decided to adopt the Concept Note on Multi-hazard Early Warning Services (MHEWS) Interoperable Environment Framework (which is available as Annex to the Resolution 15).

The concept note on MHEWS Interoperable Environment (MIE) Framework was developed taking into account [Severe Weather Forecasting Programme \(SWFP\)](#), [Tropical Cyclone Programme \(TCP\)](#), [Coastal Inundation Forecast Initiative \(CIFI\)](#), [Flash Flood Guidance System \(FFGS\)](#) and riverine flood forecasting as part of the consolidated MHEWS environment considering the integral role of these initiatives in disaster risk reduction (DRR) activities.

The interoperability of the existing programmes, systems and initiatives aims to enhance capacities of national MHEWS through regional collaboration and coordination. It should allow for the reliable and predictable transport of data, metadata, and information across system boundaries. The concept note highlights national and local requirements and capabilities in the context of MIE as well as the regional requirements and capabilities to support national and local early warning services (EWSs). It also emphasizes the importance of institutional and technical aspects as part of the national requirements.

The concept note on MIE framework recognizes [World Meteorological Organization \(WMO\) 2030 Vision](#) as its rationale and aims to contribute to the [UN Early Warnings for All \(EW4All\) initiative](#). Its strategic vision is described as: By 2027, interoperability allows for the reliable and predictable transport of MHEWS-related data, metadata, and information across existing and future system boundaries. And thus, creating a "system-of-systems", capable of stimulating EWSs of all Members.

In this context, the WMO Secretariat in collaboration with the India Meteorological Department (IMD) which hosts regional centres for TCP, SWFP, and FFGS is organizing a Regional Training on MHEWS Interoperability Implementation in New Delhi from 9 to 13 December 2024. This first regional training, planned for the WMO Members in South Asia, aims to show case good practices for promoting and strengthening MIE and to provide participants with the technical guidance and information that may be useful for implementing multi-hazard and multi-disciplinary collaboration between NMHSs and other entities in support of MHEWS and EW4All initiative.

To: Permanent Representatives of Afghanistan, Bangladesh, Bhutan, Maldives, Myanmar, Nepal, Pakistan, Sri Lanka and Thailand with WMO

cc: Permanent Representative of India with WMO

The training will include practical/hands-on interactive sessions for the participants to share their MHEWS related experience and interoperability practices including challenges and opportunities. The medium of instructions will be English and the training program and information note for participants will be made available on the [WMO Community Platform webpage here](#).

In view of the above, you are kindly requested to nominate from your Service an expert with responsibility of operational forecasting and experience in MHEWS including interaction with other national/local entities to attend the subject Regional Training on MHEWS Interoperability Implementation in New Delhi, from 9 to 13 December 2024. In addition, you may also like to consider nominating one or two additional experts who may join the training remotely, if feasible. Please note that as part of the potential follow up actions after attending the training, your expert(s) is/are expected to be engaged in your Service/country in strengthening the MIE by applying the knowledge and experience gained during the training.

It is hoped that your government or Service may cover expenses related to your nominated expert's participation in the training. However, if this is not feasible, the WMO Secretariat, upon request, can consider providing financial support (air-ticket and/or Per diem) to your one expert for his/her participation in the training. Kindly send nomination of your expert using the prescribed nomination form (**Annex**) to Mr Ata Hussain (ahussain@wmo.int) at the WMO Secretariat as soon as possible **but no later than 10 September 2024**.

Regarding insurance coverage for non-staff members, I would like to draw your attention to the following:

"Non-staff members of WMO who are authorized to travel at the Organization's expense and/or who are receiving a DSA from WMO must ensure they are fully responsible for expenses incurred in the event of death, illness or injury during official travel and attendance at meetings on behalf of the Organization. They are, therefore, fully responsible for arranging life, health, accident, as well as any other forms of insurance with an adequate level of coverage for the duration of such meetings and events. WMO liability is limited to the performance of services or attendance at a meeting on behalf of the Organization, is covered by an injury and illness benefit insurance which provides a limited coverage for medical, emergency and supplementary official travel expenses."

I would like to express my appreciation for your continued support to WMO activities.

Yours faithfully,



Ms Ko Barrett
for the Secretary-General

Ref.: 11672/2024-1.6.5

Regional Training on Multi-Hazard Early Warning Services (MHEWS)

Interoperability Implementation

(New Delhi, 9-13 December 2024)

NOMINATION FORM

Note: Kindly nominate an operational forecaster from your Service having responsibility and experience in MHEWS including interaction with other national entities to attend the subject Regional Training on MHEWS Interoperability Implementation in New Delhi, from 9 to 13 December 2024.

The Permanent Representative of [country name] with WMO designates the following expert to attend the above captioned regional training in New Delhi, from 9 to 13 December 2024:

1. Family name:
2. First name(s):
3. Gender:
4. Education/Qualification:
5. Present position and responsibilities at NMHS/Centre:
6. Operational forecasting experience:
7. Experience in MHEWS and interaction with other national/local entities:
8. Experience in impact-based forecast and warning services (IBFWS):
9. Work address:
10. Email address:
11. Mobile/Cell phone:
12. English language skill (Excellent/Good/Satisfactory):

Please indicate if financial assistance is required for:

Air Ticket:	NO <input type="checkbox"/>	or	YES <input type="checkbox"/>
Per Diem:	NO <input type="checkbox"/>	or	YES <input type="checkbox"/>

Date:

Name of Permanent Representative: _____

Signature of Permanent Representative: _____

Note: Please complete and submit this nomination form to Mr Ata Hussain (ahussain@wmo.int) at the WMO Secretariat Headquarters in Geneva, Switzerland at your earliest convenience, but **no later than 10 September 2024**.

Ref.: 11672/2024-L6 S