

**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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Annexe: 1 (disponible en anglais seulement)

Objet: Atelier international sur la prévision des crues, CRFP de Bet Dagan, Shefayim, Israël, 22-30 octobre 2023

Madame, Monsieur,

J'ai le plaisir de vous informer que le Centre régional de formation professionnelle (CRFP) de Bet Dagan organisera un atelier sur la prévision des crues du 22 au 30 octobre 2023, en coopération avec le Service hydrologique israélien, l'Institut des sciences de la terre de l'Université hébraïque de Jérusalem et l'Agence israélienne de coopération pour le développement international (MASHAV).

Cet atelier vise à former des météorologues et des hydrologues œuvrant dans les Services météorologiques et hydrologiques nationaux de pays en développement: des prévisionnistes ayant un à cinq ans d'expérience et des chercheurs travaillant dans des centres de prévision opérationnelle. Les objectifs de l'atelier sont de bâtir un langage commun à toutes les organisations météorologiques et hydrologiques; de fournir des connaissances théoriques en météorologie et en hydrologie dans le contexte de la prévision des crues et des incertitudes qui y sont liées; et de faire adopter de meilleures pratiques de prévision opérationnelle des crues et des outils pour assister les décideurs.

L'atelier sera dispensé en anglais et prendra place à Shefayim (Israël), dans le centre de formation de la MASHAV. Vous trouverez en [annexe](#) de plus amples informations concernant l'atelier, et notamment les conditions à remplir pour y participer.

Les candidats intéressés sont priés de remplir le [formulaire de candidature](#) en ligne dédié à l'atelier avant le **10 août 2023**.

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

Petteri Taalas
Secrétaire général

Aux: Représentants permanents des Membres de l'OMM

cc: Conseillers en hydrologie



International Workshop on Flood Forecasting Shefayim, Israel 22 to 30 October 2023

1. Introduction

Floods are among the world's deadliest natural hazards. Each year, flooding causes more deaths than any other natural hazard and has severe social, economic, and environmental impacts. Flood forecasting is a fundamental aspect in building the capacity of flood emergency management in order to save lives and minimize damage to infrastructure and property. Flood forecasting requires expertise in hydrology and meteorology combined with knowledge of local conditions. It also requires understanding the needs of forecast clients and stakeholders for best collaboration and procedures.

This workshop aims to give participants knowledge and practical tools for flood forecasting and early warning dissemination, as well as enhance collaboration between meteorologists, hydrologists, and other related emergency agencies. It will focus on how to establish a forecasting centre to achieve these goals.

The workshop's curriculum will include a combination of classroom lectures, exercises, demonstrations, field trips and round-table discussions.

2. Workshop Objectives

- Building a common language between meteorological and hydrological organizations
- Providing meteorological and hydrological theoretical knowledge regarding flood forecasting and the uncertainties involved
- Gaining best practices of operational flood forecasting and practical tools for supporting decision makers

After the workshop, participants will be able to:

- Use various methods and forecasting tools
- Effectively operate flood forecasting centres
- Collaborate with emergency authorities

3. Main Workshop Content

- Meteorological models for forecasting rain
- Theoretical background on hydrology
- Hydrological models for flood forecasting and ensemble tools
- Using Radar and Satellite for flood forecasting
- Hydrological observations
- Issue and disseminate warnings
- How to establish a forecasting centre
- Forecast centre operations

4. Participation cost

The airfare cost should be covered by the participant, by his/her employer, or by the granting institution.

5. Scholarships

Scholarships, covering accommodations at full board (two persons per room) during the duration of the workshop, tuition fees and field trip transportation will be provided for participants from developing countries, by the Government of Israel – MASHAV – Israel's Agency for International Development Cooperation. These scholarships would be provided in accordance with MASHAV's requirements and procedures.

6. Audience

The course is aimed for meteorologists and hydrologists from NMHSs in developing countries: forecasters with one to five years of experience and researchers, or people involved in operational forecasting centres.

7. Language

The workshop will be held in English. A working knowledge of English is mandatory. As a mandatory part of the acceptance procedure, all relevant candidates will have to be interviewed by local representatives of MASHAV in their countries.

8. Training Staff

The workshop will be conducted by senior staff of the IMS/WMO RTC Bet Dagan, Israel Hydrological Service, and the academy having extensive knowledge and experience in meteorology, hydrology, and forecasting in Israel and elsewhere. Invited guest lecturers, from Israel as well as from abroad will also participate in providing and sharing their knowledge and experience in specific fields of expertise.

9. Visa Information

Most of the participants will require a visa in order to enter Israel. For additional information – <http://mfa.gov.il/MFA/ConsularServices/Pages/Visas.aspx>

The required time for obtaining a visa varies from country to country but might take up to a few weeks. For participants flying through other countries, an additional entrance visa for these countries may be required.

10. Registration

Interested candidates are requested to complete the [online registration form](#) no later than **10 August 2023**.
