

**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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Ref.: 15864/2023-17 MS

Nuestra ref.: 15864/2023/MS

27 de julio de 2023

Anexo: 1 (disponible en inglés solamente)

Asunto: Taller Internacional sobre Predicción de Crecidas, Centro Regional de Formación de Bet Dagan, Shefayim (Israel, 22 a 30 de octubre de 2023)

Estimado señor/Estimada señora:

Tengo el placer de informarle que el Centro Regional de Formación de Bet Dagan, en cooperación con el Servicio Hidrológico de Israel, el Instituto de Ciencias de la Tierra de la Universidad Hebrea de Jerusalén y el Organismo de Cooperación Internacional para el Desarrollo de Israel (MASHAV), celebrará un taller sobre predicción de crecidas del 22 al 30 de octubre de 2023.

El taller tiene por objeto formar a meteorólogos e hidrólogos de los Servicios Meteorológicos e Hidrológicos Nacionales de los países en desarrollo: pronosticadores con uno a cinco años de experiencia e investigadores que trabajan en centros de predicción operativa. Los objetivos del taller son crear un lenguaje común entre las organizaciones meteorológicas e hidrológicas; proporcionar conocimientos teóricos meteorológicos e hidrológicos sobre la predicción de crecidas y las incertidumbres que conlleva; y obtener las mejores prácticas de predicción operativa de crecidas y herramientas prácticas de apoyo a las instancias decisorias.

El taller se impartirá en inglés en el Centro de Formación de MASHAV en Shefayim (Israel). En el [anexo](#) se proporciona información detallada sobre el taller, con inclusión de los criterios de participación y el procedimiento de inscripción.

Se ruega a los candidatos interesados que cumplimenten el [formulario de inscripción](#) en línea del taller, a más tardar, el **10 de agosto de 2023**.

Le saluda atentamente.

Prof. Petteri Taalas
Secretario General

A los Representantes Permanentes de los Miembros ante la OMM

Copias: Asesores Hidrológicos



MATC

MASHAV International
Agricultural Training
Center

MASHAV
Israel

Israel's Agency for
International Development
Cooperation
Ministry of Foreign Affairs



STATE OF
ISRAEL



Israel Hydrological
Service



Israel Meteorological
Service



World Meteorologic
Organization

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**.
