



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.: 15864/2023-1.7 MS

文件编号: 15864/2023/MS

2023 年 7 月 27 日

附件: 1 个 (仅以英文提供)

主题: 国际洪水预报研习会 (2023 年 10 月 22 至 30 日, 以色列谢法伊姆 Bet Dagan RTC)

尊敬的先生/女士,

我谨通知您, Bet Dagan 区域培训中心(RTC)与以色列水文局、耶路撒冷希伯来大学地球科学研究所以及以色列国际发展合作署(MASHAV)合作, 将于 2023 年 10 月 22 至 30 日举办洪水预报研习会。

此研习会旨在培训发展中国家气象水文部门的气象和水文工作人员: 具有一至五年经验的预报员和在业务预报中心工作的研究人员。研习会的目标是在气象和水文组织之间搭建共同语言; 提供有关洪水预报和相关不确定性的气象与水文理论知识; 获取业务洪水预报最佳做法和支持决策者的实用工具。

研习会将在以色列谢法伊姆 MASHAV 培训中心举行, 工作语言为英语。有关研习会的详细信息, 包括要求和申请程序, 详见[附件](#)。

请有意参会的候选人于 **2023 年 8 月 10 日**前填写研习会的[在线与会者申请表](#)。

谨上

佩特里·塔拉斯教授
秘书长

致: WMO 会员常任代表

抄送: 水文顾问



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.

Ref.: 15864/2023-1.7 MS

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**.
