

**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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Annex: 1 (available in English only)

Subject: Introductory Workshop on Climate Services for the National Adaptation Plans, Shefayim, Israel, 19–24 November 2023

Dear Sir/Madam,

I have the pleasure to inform you that the Regional Training Centre (RTC) in Bet Dagan, in cooperation with Israel's Agency for International Development Cooperation (MASHAV), will hold an introductory workshop on Climate Services for National Adaptation Plans in Shefayim, Israel, from 19 to 24 November 2023.

The workshop is aimed towards climatologists from the National Meteorological and Hydrological Services (NMHS) in developing countries. The objectives of the workshop are to enable participants to understand climate adaptation user needs, how climate change predictions are performed and validated, and basic steps in preparing and analysing climate trends and future scenarios for various users.

The workshop will be conducted in MASHAV's training center in Shefayim, in the English language and the detailed workshop information, including the requirements and the procedures of application is given in the [annex](#).

Interested candidates are requested to complete the online Participant Application Form for the workshop not later than **17 September 2023**.

I take this opportunity to thank you for your continued support of WMO Programmes and activities.

Yours faithfully,

Prof. Petteri Taalas
Secretary-General

To: Permanent Representatives of Members with WMO

cc: Hydrological Advisers



WORKSHOP ON CLIMATE SERVICES FOR THE NATIONAL ADAPTATION PLANS

Shefayim, Israel

19–24 November 2023

1. Introduction

Climate Change Adaptation is essential for building the resilience to the intensifying extreme weather events and to the general shifts of the climate worldwide. Throughout the world, governments build National Adaptation Plans, which are typically integrated into the multiannual national work plan, resources allocation and the ways national infrastructures are built and managed. National Meteorological and Hydrological Services (NHMS) are required to address this urgent challenge and provide climate services that are appropriate to the evolving needs. Without proper climate products it is difficult to evaluate the risks and to build proper adaptation plans. In this introductory workshop we will discuss the essential ingredients of the required climate analysis supporting the adaptation plans of three sectors: Agriculture; Water; and Energy. The participants will be exposed to the challenges and requirements of these sectors and to possible climatological practices for addressing these needs.

This short workshop is a joint venture of the Israeli Meteorological Service (IMS) with Israel's Agency for International Development Cooperation (MASHAV) and is aimed for post-graduate climatologists in NMHS in developing countries.

2. Workshop Objectives

- Understand climate adaptation user needs (Agriculture, Water and Energy)
- Understand how climate change predictions are performed and validated
- Learn basic steps in preparing and analysing climate trends and future scenarios for various users

After the workshop, participants will be able to:

- Understand essential climate needs of different users
- Understand the necessity of reliable historical data for future predictions
- Articulate concepts and analytic processes related to climate modelling and downscaling techniques
- Use acquired knowledge to perform analysis on past and future time series
- Ascertain the indices methodology discerned for specific ministerial requests

3. Main Workshop Content

- The methodology and milestones of climate modelling
- The production of climate change indices
- Stakeholders point of view

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 . These scholarships would be provided in accordance with MASHAV's requirements and procedures.

6. Training Staff

The workshop will be conducted by senior staff of the IMS/WMO RTC Bet Dagan having extensive knowledge and experience in Meteorology and Climatology, in Israel and elsewhere. Invited guest lecturers, from Israel and abroad, will also participate in providing and sharing their knowledge and experience in specific fields of expertise.

7. Audience

Climatologists from NMHS in developing countries.

8. Language

The workshop will be held in English; therefore knowledge of English is mandatory. The acceptance procedure includes an interview by local representatives of MASHAV in their countries.

9. Visa Information

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

The required time for obtaining a visa varies from country to country. 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](#), not later than **17 September 2023**.

11. Contact Person

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Director of the RTC in Israel

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