



OCHA



State of Israel



Flood Warnings & Decision Support to Civil Authorities and the Public

Online 07 & 15 March 2022
Shefayim, Israel 20-23 March, 2022

Background:

An online course on "Introduction to Hydrology and Flash Flood Forecasting", also known as "Capacity Building Event-1" was held online in September 2021. It was the first training, part of the Regional Flood Alert Project, led by OCHA Geneva and EXPERTISE FRANCE. CBE-1 was planned for meteorologists and hydrologist from Jordan, the Palestinian Authority and Israel and set the theoretical background for flood forecasting.

The second training, Flood Warnings & Decision Support to Civil Authorities and the Public, will be conducted in two phases. The first phase will be online. It will aim Meteorologists and Hydrologists, and will focus on the practical methods for flood forecasting.

The second phase is planned to be face-to-face, aimed for meteorologists, hydrologists and emergency personnel to enhance the collaboration between the NMHSs' experts and the civil protection agencies experts and to provide support to Emergency Managers, about Warnings, Advisories, and dissemination of messages, including the Alert protocol.

Format:

First phase – online lectures

Second phase – in class, including lectures, VC lectures, and discussions.

Dates:

Online –

07.03.2022 & 15.03.2022

Main Workshop Content:

Flood Forecasting Systems & Tools

Introduction to Flood Forecasting

Guidelines on implementing a threshold-based flood early warning system

Existing regional flood forecasting systems

Warnings & Joint work of Meteorologists-Hydrologists-Emergency Managers

Perspective of the Emergency Managers

Warning Messages Essentials

Communicating warnings and advice to the Public

Warning thresholds and tailoring warnings services to Clients

The Common Alert Protocol

Forecasters' tools & Operations

Flood Early Warning System

NEMA weather reference scenarios

International collaboration recommended practices in Early warning systems

Participants:

Meteorologists, hydrologists and disaster managers.

Language

The workshop will be held in English.

Training Staff



WMO/OCHA
 Angela Corina, WMO
 Mark Bevan, UK Met. Office
 Evelyn Cusack, Met Éireann
 Italian National Civil Protection Department
 Nir Stav, IMS
 Amit Savir, IMS
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About MASHAV

MASHAV – Israel's Agency for International Development Cooperation is dedicated to providing developing countries with the best of Israel's experience in development and planning. As a member of the family of nations, The State of Israel is committed to fulfilling its responsibility to contribute to the fight against poverty and to the global efforts to achieve sustainable development.

MASHAV, representing Israel and its people, focuses its efforts on capacity building, sharing relevant expertise accumulated during Israel's own development experience to empower governments, communities and individuals to improve their own lives.

MASHAV's approach is to ensure social, economic and environmental sustainable development, and is taking active part in the international community's process of shaping the Post-2015 Agenda, to define the new set of the global Sustainable Development Goals (SDG).

MASHAV's activities focus primarily on areas in which Israel has a competitive advantage, including agriculture and rural development; water resources management; entrepreneurship and innovation; community development; medicine and public health, empowerment of women and education. Professional programs are based on a "train the trainers" approach to institutional and human capacity building, and are conducted both in Israel and abroad. Project development is supported by the seconding of short and long-term experts, as well as on-site interventions. Since its establishment, **MASHAV** has promoted the centrality of human resource enrichment and institutional capacity building in the development process – an approach which has attained global consensus.

<http://mashav.mfa.gov.il>

<https://www.facebook.com/MASHAVisrael>

About WMO/IMS RTC Bet-Dagan

The **IMS/WMO RTC** Bet Dagan of the Israel Meteorological Service, in cooperation with Israel's Agency for International Development Cooperation (MASHAV), has provided training at a post-graduate level since 1967. Several thousands of participants from all over the world, mainly from developing countries, have taken advantage of the opportunities provided by our **RTC** to study the application of meteorology to various aspects of economic activity.

About MATC

MATC - MASHAV's International Agricultural Training Center - specializes since 1963 in human capacity building and training programs in the fields of agriculture, water management, environment and rural development. **MATC** conducts international, regional and country specific courses as well as professional study-tours, workshops and conferences based on Israeli agricultural know-how, innovation, and development experience. Its training programs, conducted in English, Spanish, French, Russian, and Arabic, are specifically designed to improve agricultural production in developing countries,



to promote food security and to create partnerships as well as ongoing international cooperation for sustainable development. **MATC** works in close cooperation with Israel's Ministry of Agriculture and Rural Development and its Center for International Agricultural Development Cooperation - CINADCO. <https://www.facebook.com/MATCShefayim>