



Iran Water and Power Resources
Development company (IWPCO)



Iran Water Resources
Management company (IWRMC)



Centre
Under the auspices
of UNESCO



Regional Centre on
Urban Water Management
(RCUWM - Tehran)

سازمان هواشناسی کشور
I. R. OF IRAN
METEOROLOGICAL
ORGANIZATION



WORLD
METEOROLOGICAL
ORGANIZATION

Regional Training Workshop on “Teleconnections, Forecasting and Early Warning Systems”

AGENDA

Wednesday - September 16, 2025

Time (Iran Standard Time)	Topic
8:00 - 8:30	Reception
8:30 - 10:00	Opening Ceremony - National Anthem & Quran (5 min) - Mr. Hamidreza Janbaz, Iran Water Resources Management Company (IWRMC), Ministry of Energy (MOE) (15 min) - Ms. Sahar Tajbakhsh Mosalman, Iran Meteorological Organization (IRIMO) (15 min) - Ms. Hwirin Kim, APFM, World Meteorological Organization (online, 5 min) - Mr. Davoud Kamgar, Iran Water and Power Resources Development Company (IWPCO), MOE (5 min) - Mr. Mohamad Haj Rasouliha, UNESCO-RCUWM (5 min) - Video Clip Playback (7 min) 1.1. Crisis Management under El Niño Conditions - Dr. Vazifeh, National Center for Climate and Drought Crisis Management (NCDCCM- IRIMO) (15 min) 1.2. Introduction to flood and drought forecasting systems - Dr. Kavianpour, Water Research Institute (WRI-MOE) (15 min)
10:00 - 10:30	Break
10:30 - 12:45	2.1. Teleconnections and Their Effect on Water Resources Forecasting - Dr. Ziayan, IRIMO (15 min) 2.2. Water Resources Management in Iran coping with El Niño: Challenges and Solutions - Dr. Ghasemzadeh, IWRMC-MOE (15 min) 2.3. Updates on El Niño/ENSO and Potential Severe Events - Dr. Wilfran Moufouma Okia, WMO (online, 15 min) 2.4. Insights on Possible Water Resources related Impacts and EWS - Dr. Hwirin Kim, WMO (online, 15 min) 2.5. Very Short-Term Forecasting Using Satellite Data and Nowcasting NWP Model Outputs - Dr. Azadi, Research Institute for Meteorological and Atmospheric Sciences (RIMAS-IRIMO) (15 min) 2.6. Application of Artificial Intelligence in Flood Forecasting - Dr. Ghorbani, Scientific Advisor, IRIMO (15 min) 2.7. Flood Early Warning System (NAFIS) - Dr. Javaheri, University of Guilan & Scientific Advisor, IRIMO (15 min) Q&A panel (30 min)
12:45 - 14:00	Lunch break
14:00 - 15:30	3.1. A Review of Experiences in Dynamic Management of Dam Reservoirs During Flooding; Decision-Making Between Storage and Discharge - Dr. Jamali, IWPCO-MOE (15 min) 3.2. Nowcasting and Urban Flash Flood Forecasting System (Case Studies: Cambodia, Lao PDR and East Africa) - Mr. Jerom Aerts, HKV, Netherlands (online, 15 min) 3.3. Role of Seasonal Forecasting in Crisis Management - Dr. Oskouei, Mashhad Climatology Research Institute (15 min) 3.4. The Challenge of Temporal Mismatch Between the Time Horizon of Climate Forecasts and the Decision-Making Horizon in Water Resources Management under an Extreme El Niño Scenario in 2026- Dr. Shahbazi, Khuzestan Water and Power Authority (KWPA- MOE) (15 min) Q&A panel (30 min)
15:30 - 16:00	Wrap-up

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