

UNEP
MASHAV

ARAVA INSTITUTE FOR ENVIRONMENTAL STUDIES
ISRAEL MINISTRY OF ENVIRONMENTAL PROTECTION

WATER MANAGEMENT STUDY TOUR

SEPTEMBER 4-9, 2022



המשרד להגנת הסביבה



الوزارة لحماية البيئة
Israel Ministry of Environmental Protection



CONTACT:

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ABOUT THE COURSE

Background

This study tour will introduce the major issues hindering or allowing for efficient water management in the Middle East, using Israel as a case study. As water scarcity is a reality in the region, it is critical to explore the ways and means for sustainable management of water in the face of growing demand and dwindling supply and the associated regional plans for water allocation among the countries of the region. The study tour will concentrate on the Jordan River and Dead Sea Basin and associated groundwater resources and how these waters are managed and allocated. The study tour will focus on water supply and demand approaches and technologies such as desalination, wastewater treatment and reuse and water economics and valuation. There will be a number of field visits and meetings with experts at the national, regional and local levels.

The goal of the study tour is to provide participants with an overview of the challenges facing policy makers and water experts in effectively managing scarce water resources in an integrated and comprehensive manner.

During the study tour, participants will be encouraged to share their own professional experiences in applying various solutions to their individual situations in their home countries.

Main Topics

The study tour will cover, among others, the following topics:

- Water policy
- Water economics
- Water law
- Water politics
- Water technologies

ABOUT THE COURSE

Lecturers and Sites

The study tour will include meetings with, and visits to:

- Dr. Clive Lipchin, Director of the Center for Transboundary Water Management. Clive joined the faculty of the Arava Institute in 2003 where he oversees research projects, workshops and conferences that focus on transboundary water and environmental problems facing Israel, Jordan and Palestine. His specialty is in water resources management and policy.
- Avraham Tenne, former Chairman of the Israeli Governmental Water and Sewerage Authority. Avraham is currently a Consultant on Water, Wastewater, Desalination, Municipal Solid Waste, and Energy.
- Shoket wastewater treatment plant
- Laguna vertical green wall system installed at Al Furaa Bedouin village school
- Dead Sea Research and Development Center
- Sorek desalination plant

Additional information

- Throughout the study tour, the participants will stay at fully-equipped hotels in Jerusalem, the Dead Sea and Tel Aviv.
- Weather in Israel in September is generally warm and dry, with an average temperature of about 25-30°C.
- Medical insurance covers medical services and hospitalization in case of emergency. It does not cover the treatment of chronic or serious diseases, specific medications taken by the participant on a regular basis, dental care and eyeglasses.
- COVID policies are per Israeli Ministry of Health regulations.

APPLICATION

Application Process

This study tour is intended for mid-level professionals, working for governmental or non-governmental organizations, decision-making bodies, academia and the private sector. The program is particularly geared for professionals who work in water resources management and policy such as at water utilities, government water agencies, water NGOs and water technology companies or service providers.

The program will be conducted in English with simultaneous translation to Russian. The presentations and reading materials will be in English.

Participants should have at least the equivalent of a university degree or professional diploma and a desire to leverage their knowledge in a field related to energy.

Competition for the Water Management study tour is merit-based. Selection will be made on the basis of applicants' achievements, interest, added value of the program to the participant, professional aptitude, and leadership potential in the field of Water Management.

Applications should be submitted no later than **July 31, 2022** to Ms. Leila Urekenova at leila.urekenova@un.org

Study Tour Dates

The study tour will take place on **September 4-9, 2022**.

Participants must arrive to Ben Gurion International Airport by September 4th at 16:00, and leave after 09:00 on September 9th. Transportation will be arranged from and back to the airport on these dates. Any early arrivals/late departures, if desired, must be arranged by the participants themselves, directly with the hotel, and must be paid for by the participant him/herself.

GENERAL INFORMATION

UNEP

United Nations Environment Programme (UNEP) is the global authority that sets the environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system and serves as an authoritative advocate for the global environment. UNEP's mission is to provide leadership and encourage partnership in caring for the environment by inspiring, informing, and enabling nations and peoples to improve their quality of life without compromising that of future generations. UNEP works on delivering transformational change for people and nature by drilling down on the root causes of the three planetary crises of climate change, nature and biodiversity loss, and pollution and waste.

Israel Ministry of Environmental Protection

The Ministry of Environmental Protection acts to protect the environment and public health by formulating an integrated and comprehensive national policy and by developing strategies for environmental protection standards and priorities.

The Ministry also operates under binding international conventions. The Ministry is in charge of water and wastewater management, air quality, waste management, supervision of hazardous materials, protection of natural resources and the marine environment and more.

GENERAL INFORMATION

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, with a focus 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.

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 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 takes an 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 (SDGs).

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Arava Institute for Environmental Studies

The Arava Institute for Environmental Studies is a leading environmental studies and research program in the Middle East. It houses academic programs, research centers, and international cooperation initiatives focusing on a range of environmental concerns and challenges.

The Arava Institute offers people from around the world an exceptional opportunity to learn from leading professionals while forming friendships and developing skills to help solve the most pressing environmental challenges.

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