



STATE OF ISRAEL



MASHAV
Israel's Agency for International
Development Cooperation
Ministry of Foreign Affairs

MATC

MASHAV International Agricultural
Training Center



CINADCO

Center for International Agricultural
Development Cooperation
Ministry of Agriculture and
Rural Development



DDD
Drylands, Deserts
& Desertification

Combating Desertification and
Dryland Management

November 6-9, 2017

MASHAV

**Israel's Agency for International
Development Cooperation**

invite professionals to participate in the

International Course:

Water Management and Modern Irrigation Technologies

29th October - 17th November, 2017

Shefayim - Israel



Background

Water is not only critical for human survival; it is at the core of sustainable development, the building block of socio-economic growth, and crucial for creating healthy ecosystems for all life on earth. Lack of access to safe, sufficient and affordable water, sanitation and hygiene facilities has a devastating effect on the health, dignity, and prosperity of billions of people around the world (UN Water). Despite the progress made by the Millennium Development Goals (MDG), even today, about 660 million people lack access to safe water and about 2.4 billion are living without access to improved sanitation. To meet these intrinsic needs, the Sustainable Development Goals (SDG), were set as a new guideline towards 2030, aiming to attain food security and, through sustainable water management, to guarantee potable water and proper sanitation for all.

For Israel, water has always represented a chronic problem. In order to assure the nation's growth, Israel addressed the constraints of limited water resources by consolidating its policy of a national water management system. This plan encompasses a legal framework, planning and construction of elaborate water storage and distribution systems, development of alternative water sources and a continual search for innovative water saving technologies. The established water management policies assure water supply according to the demand for quantity and quality of each sector (agricultural, industrial and human consumption).

Implementation of pressure irrigation technologies since the 50's fundamentally changed traditional agricultural practices, boosting the development of a modern and highly productive agriculture. Drip irrigation and fertigation, agro-techniques that allow the supply of water and nutrients according to the demand of the crop, have contributed to transforming land incapable of being cultivated into productive farmland, substantially increasing crop yields while reducing water and fertilizers consumption, as well as promoting reuse of treated waste- and marginal water and protection of the environment

About the Course

Aims

The training program aims to share with participants, Israel's experience and holistic approach to water policy and integrated management, water reuse and irrigation efficiency for the development of the rural and agricultural sector. In addition, the course aims to create a framework for discussion and analysis to evaluate possible adaptation of new strategies and technologies to the conditions of each participating country.

Main Subjects

The course will include professional lectures and field visits. It will cover the following topics:

- Sustainable water management in Israel – Policies and Strategies
- Management of conventional water resources
- Development of non-conventional water resources
- Water quality: Standards and regulations
- Crop water requirement
- Applied irrigation and fertigation technologies
- Sludge management
- Research and development

The program will include participation at the **6th International Conference on Drylands, Deserts and Desertification** which will take place at The Jacob Blaustein Institutes for Desert Research, Ben Gurion University of the Negev, Sde Boqer Campus, 6 - 9 November, 2017. www.desertification.bgu.ac.il

Application Requirements

The course is geared towards professionals from governmental and non-governmental institutions, universities, research institutes and/or private sector involved in water management and irrigation projects for agricultural development on a national, regional or local level.

Candidates should hold an academic degree in related disciplines and at least two years of professional work experience in related fields. A full command of English is required.

Application forms

Application forms and other information may be obtained at the nearest Israeli mission or at MASHAV's website: <http://mashav.mfa.gov.il/MFA/mashav/Courses/Pages/default.aspx>.

Completed application forms, including the health declaration and recommendation letters, should be sent to the Israeli mission in the respective country until **18th August, 2017**.

General Information

Arrival and Departure

Arrival date: October 29th, 2017
Opening date: October 30th, 2017
Closing date: November 16th 2017
Departure date: November 17th, 2017

Participants must arrive at the training center on the arrival date and leave on the departure date. Early arrivals or late departures if required, must be arranged by the participants themselves, directly with the hotel/center, and must be paid for by the participant him/herself.

Location and Accommodation

The course will be held at MATC - MASHAV's International Agricultural Training Center at Kibbutz Hotel Shefayim, situated 20 km north of Tel Aviv near the coastal city of Netanya.

Participants will be accommodated at Hotel Kibbutz Shefayim in double rooms (two participants per room).

MASHAV awards a limited number of scholarships. The scholarship covers the cost of the training program including lectures and field visits, full board accommodation in double rooms, health insurance and transfers to and from the airport. Airfares and daily allowance are not included in the scholarship.

Health Services

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. Participants will be responsible for all other expenses, which are not covered by policy conditions. Health authorities recommend that visitors to Israel make sure they have been vaccinated against tetanus in the last ten years.

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 that has attained global consensus.

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

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

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>

About CINADCO

CINADCO – The Center for International Agricultural Development Cooperation within the Israeli Ministry of Agriculture and Rural Development (MOAG) operates as MASHAV's professional affiliate in the framework of agricultural development cooperation projects. **CINADCO** is a unique, professional organization working in cooperation with experts from the MOAG's Extension Services, Plant Protection and Inspection Services, the Veterinary Services and its Agricultural Research Organization (ARO).

CINADCO's agricultural cooperation programs consist of on-the-spot courses, long and short-term projects and advisory missions, as well as training programs in Israel in partnership with the Ministry of Agriculture's ARO and MATC- MASHAV's International Agricultural Training Center.

CINADCO's professional activities focus mainly on human capacity building, the transfer of knowledge and the provision of professional support. Israeli agricultural experts are dispatched to developing communities around the world to implement projects and share Israel's experience in the various aspects of agricultural development.

CINADCO is currently engaged in agricultural projects in dozens of countries around the world including the establishment of centers of excellence, training activities in crop and livestock production, water management, irrigation and desert agriculture as well as farm management and agro-business initiatives.

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

For further information please contact:

MATC

English Division

Hotel Kibbutz Shefayim- 6099000 Israel

Tel: +972-9-8328246/9

Fax: +972-9-8328254

english@matc.org.il

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

