



STATE OF ISRAEL



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

MATC

MASHAV International
Agricultural Training Center

In cooperation with:



MASHAV

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

invite English – speaking professionals
to participate in the

International Course on:

Agroecological Approaches for Sustainable Intensive Agriculture

21st October – 9th November , 2018

Shefayim – Israel



About the Course

Background

Agriculture is the basic source of food supply for humans and domestic animals, and of raw material for industrialization. Production of agricultural goods relies on natural resources such as land, water, biodiversity, finite fertilizers and more. Population growth and the fast-rate increase of food demand causes heavy pressure on natural resources and the environment, leading to water and soil degradation, pollution, damage to biodiversity, deforestation, over-grazing, etc. The global challenge must be aimed at implementing sustainable intensive food production systems by adopting new practices and precision technologies.

Since its independence in 1948, the State of Israel has had to adapt to the constant growth of its population facing limited availability of land and water. This led to the development of a very intensive agriculture, which aims to high yield and quality produce while ensuring an efficient use of the scarce resources.

With a population forecast of 15 million by 2050, Israel has foreseen the need to adapt and implement solutions in order to reduce the interfaces between agriculture, population and ecosystems, investing many efforts in developing new practices that ensure an increase in the production of food, while preserving the environment alongside farmers' earning ability.

In cooperation with stakeholders, including the farming community, agricultural organizations and government ministries, Israel's agricultural sector proposes an holistic approach based on research, education, extension, monitoring and legislation enforcement to achieve the challenge of developing an intensive agriculture characterized by its high productivity and quality, that meets also the environmental standards.

Aims

The course aims to share with participants Israel's experience, policies and practices, which intend to decrease negative impacts of intensive agriculture on environment and promote the development of an intensive but sustainable agriculture.

Through this training program, MASHAV aims to join the international community and contribute to meet mainly, the holistic vision of the SDG2 within the 2030 plan of the United Nations.

The course intends also 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 training program will include professional lectures and field visits on:

- Sustainable agricultural development in Israel – Policies and Strategies
- Soil conservation
- Water and wastewater management
- Intensive agricultural production:
 - ✓ Genetic resources
 - ✓ Pesticides, fertilizers and irrigation management
 - ✓ Implementation of agro-technologies
 - ✓ Livestock management
- Postharvest practices
- Agricultural waste management
- Alternative energy sources
- Adaptation to climate change
- Education, research and extension

Application Requirements

The training is geared towards professionals related to the development of the agricultural sector on a national, regional and /or local level. Candidates should hold an academic degree in related disciplines and at least two years of professional work experience in governmental institutions, national and/or international organizations, research institutes, universities, NGOs, etc. 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, should be sent to the nearest Israeli mission until **20th August, 2018**.

General Information

Arrival and Departure

Arrival date: October 21st, 2018 (Hotel rooms available from 14:00)
Opening date: October 22nd, 2018
Closing date: November 8th, 2018
Departure date: November 9th, 2018 (Check out at 11:00)

Participants must arrive at the training center on the arrival date, and leave on the departure date. Early arrivals/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 (two participants per room), health insurance (see below) 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 (SDGs).

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 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 MOAGs 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>

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