



STATE OF ISRAEL



MASHAV

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



**WEITZ
CENTER**

for Sustainable
Development

The Weitz Center for
Sustainable Development

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

with

The Weitz Center for Sustainable Development

invite professionals

to participate in the

International Course:

“Clean Technologies – Environmental technology, innovation and
management systems as a means for regional and local economic
development”

April 22nd – May 16th, 2018



About the Course

Background

Clean Technology is commonly defined as a diverse range of products, services, and processes that harness renewable materials and energy sources, dramatically reduce the use of natural resources, and cut or eliminate emissions and wastes. Clean Technology includes a wide variety of environmental, social and economic activities predominantly comprising the fields of: clean production including green chemistry, resource efficiency including energy efficiency, renewable energy, information technology, green transportation, sustainable water technologies and green building. Investments in clean technology have grown considerably since coming into the spotlight around the year 2000. For example, the markets for clean energy technologies grew from less than \$7 billion in 2001 to over \$188 billion in 2010. This staggering increase is a result of the growing constraints on conventional economic growth due to environmental degradation, high oil prices, scarcity of natural resources and climate change. Therefore, some regard Cleantech as the beginning of a revolution that is changing the places where we live and work, the products we manufacture and purchase, and the development plans of cities, regional governments, and nations around the globe.

Many clean technologies also offer significant additional benefits, notably their ability to improve the lives of those in both developed and developing countries. Communities can be connected to electricity without the need to build a complex national grid, waste can be collected and turned into energy, and water can be purified to provide safe drinking water. Therefore, the realization of clean technology is twofold: technologies and implementation - utilizing a better understanding of socio-economic factors in the move towards sustainable development. The international training *Clean Technologies – Environmental technology, innovation and management systems as means for regional and local economic development* will emphasize for participants the importance of this two-pronged approach to the realization of clean technology, introduce and review a variety of clean technologies and illustrate implementation mechanisms such as: supportive policy and legislation, advocacy and promotion, the value of regional and international networks and the role of business development and entrepreneurship.

The Israeli Experience

Israel is a small, densely populated country with few natural resources. As such, Israel developed novel technologies for conservation, resource management and implementation mechanisms. Israel excels in innovative ideas and patents on new technologies. A recent international report by The World Wildlife Fund and the Cleantech Group (an environmental consulting company) ranked Israel second in providing favorable conditions for cleantech development.

International Collaboration: RECPnet

The Weitz Center proudly belongs to the prestigious joint UNIDO-UNEP initiative RECPnet: the Global Network for Resource Efficient and Cleaner Production - <http://recpnet.org/>.

The Methodology

Participants will participate in both classroom-based lectures (soft and hard skills) and study visits, benefiting from the experience and knowledge of high-level Israeli experts and consultants. Israeli case studies and practices will be discussed throughout the program. Additionally, participants will be required to formulate and present a project of interest relevant to the topic of this course. For this purpose, some pre-course work will be required. Detailed instructions will be sent to the selected participants.

Aims
<p>The course aims to:</p> <ul style="list-style-type: none"> • Provide participants with knowledge, tools and strategies related to clean technologies • Inspire and energize participants to be agents for positive change in their countries • Expose participants to new approaches and opportunities in the field of clean technology • Present Israel as a case study from which to draw valuable lessons about clean technology • Enrich participants with professional skills with which to develop their careers and best benefit their communities and countries • Connect participants with an international network of professionals in their field
Main Subjects
<p>The program will provide participants with knowledge and tools in the following subjects:</p> <ul style="list-style-type: none"> • Policies and national programs for cleantech development • Law and regulation implementation for renewable energy , energy efficiency and water conservation • Advocacy for and promotion of cleantech • Platforms, networks and cooperation for new technology implementation at the regional level • Innovation support systems, SME and entrepreneurship support for cleantech development • The Israeli experience and Israeli cleantech startups and companies in water technologies, energy technologies, waste management, recycling and waste to energy programs

Application

Application Requirements

Who may apply?

The training targets highly motivated decision makers, policy makers and professionals from the fields of energy, water, waste, agriculture, climate change, infrastructure and economic development, those working in government ministries (such as local government, planning, development, energy and others), in local authorities, NGO's and CBO's active in the field of entrepreneurship and startup, venture capital funds, business organizations, and academic institutions engaged with cleantech and entrepreneurship programs.

Application Process

Candidates must complete the appropriate application forms (including health certificate, declaration etc.) available at the Israeli diplomatic mission in their country, or through the Internet <http://mashav.mfa.gov.il>, www.weitz-center.org. The completed forms should be submitted in **WORD documents** to the Israeli mission in your area and sent to our office (ronit@weitz-center.org) **no later than February 23rd, 2018**. Candidates must also hand in a passport photo by electronic file. ✓

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 medical form, should be sent to the relevant Israeli mission in the respective country.

General Information

Arrival and Departure

Arrival date:	22.4.2018
Opening date:	23.4.2018
Closing date:	15.5.2018
Departure date:	16.5.2018

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

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. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

The course will be held at The Weitz Center for Sustainable Development, situated within the campus of the Faculty of Agriculture, Rehovot, Israel. Participants will be accommodated at the Reisfeld Residence in single rooms in shared apartments (4-5 participants per apartment).

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 The Weitz Center for Sustainable Development

The Weitz Center for Sustainable Development is a leader in capacity building for sustainable development. Our work is dedicated to enhancing the efforts of international agencies, governments, communities, civil society and private sector organizations to achieve positive social and economic change worldwide. Towards this end, we offer high quality training and consulting services, highlighting our practical, assets-based and integrated approach to development. <http://www.weitz-center.org/>

For further information, please contact:

Weitz Center for Sustainable Development

Address: P.O. Box 12, Rehovot 7610001, Israel

Tel: 972-8-9474111

Fax: 972-8-9475884

Email: ronit@weitz-center.org

Website: <http://www.weitz-center.org/>



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

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The 20th International Agricultural Exhibition and Conference
MAY 9-10, 2019 TLV Convention Center, Tel Aviv, Israel

MASHAV

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

invite English-speaking professionals
to participate in the

International Course:

Irrigation and Fertigation for Intensive Crop Production

23rd April – 11th May, 2018

Shefayim - Israel



Background

Farming accounts for around 70% of water used in the world today. Having to face climate changes, increasing periods of negative water balance and constantly rising water demand by urban and industrial sectors, countries will be forced to implement irrigation systems in order to promote efficient use of water and ensure sustainable development of their agriculture and improve the living conditions of rural population.

For Israel, water has always represented a chronic problem. Located in an arid - semiarid region, Israel addressed the constraints of limited water resources by consolidating its policy of national water management system and invested great efforts in research and development of agro - technologies that ensure efficient use and management of its scarce water resources.

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 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.

The constant search for greater efficiency in the use of water and nutrients is a challenge for those involved in the sustainable development of agriculture and the well-being of the farmer and his environment.

About the Course

Aims

The training program aims to share with participants Israel's acquired experience in the development of intensive and profitable agriculture, based on efficient water management and the implementation of irrigation and fertigation systems adapted to the different crops.

The course will also serve as a platform for discussing the application of the latest methods and technologies in the unique conditions of each participating country.

Main Subjects

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

- Management of water resources
- Crop water and nutritional requirements
- Water quality and treatment
- Fertilizers and nutrient solutions
- Fertigation programming and monitoring
- Applied irrigation and fertigation technologies
- Research and development

Application Requirements

The course is geared towards professionals from governmental and non-governmental institutions, universities, research institutes and/or private sector involved in agricultural development projects under irrigation as well as in research, extension and / or intensive agricultural production. 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 **6th March, 2018**. ✓

General Information

Arrival and Departure

Arrival date: 23rd April, 2018 (Check in at 14:00)

Opening date: 24th April, 2018

Closing date: 10th May, 2018

Departure date: 11th May, 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 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

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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:



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

with



STATE OF ISRAEL

**The Aharon Ofri MASHAV International Educational
Training Center (METC)**

**invite professionals
to participate in the**

International Course:



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

**Educational Methodologies
Youth at Risk: Preventing Student Dropouts
and Facilitating Reintegration**

April 24th –May 24th , 2018



About the Course

Background

"Children are not the people of tomorrow, but people today. They are entitled to be taken seriously. They have a right to be treated by adults with tenderness and respect, as equals."

Janusz Korczak

Within the framework of the 2030 education agenda, many stakeholders are advocating for the introduction of a **learning-related goal** as the most appropriate way to monitor educational progress and the prevention of early dropout rates and reducing inequality.

A range of interventions aimed at expanding access and improving quality have helped to reduce dropout. Accessibility initiatives have been created in terms of improving quality, as well as initiatives to improve teacher training and support, provide relevant and modern learning materials and integrate technology and gender-sensitive practices.

Yet school dropout remains a persistent concern. This goal presents a great challenge that must be met with creativity, resourcefulness and hard work.

One of the targeted populations within the stated goal is at-risk youth. This label - given by various authorities (psychologists, educators, and sociologists) - refers to vulnerable adolescents from all socio-economic backgrounds for whom normal family life has been disrupted, and who lack sufficient parental or adult interaction.

For those young people, the educational system takes on a special significance. Therefore, it is especially crucial to create educational opportunities to widen access to education. These children must integrate into schools and training programs as quickly and as fully as possible, so they can have multiple opportunities for meaningful learning experiences.

However, "access" is complex and multifaceted. The professional educators who constantly mediate between students and the world around them must be supportive and caring when working with this special-needs group. Educators must create opportunities and impart skills, competencies and attitudes that will enable these adolescents to be productive and resourceful members of society.

Every nation today is involved in the challenging process of providing quality education to meet the new demands of the 21st century. Educational systems have to develop innovative outreach programs for these school dropouts, focusing all efforts on creating positive conditions and individual skills that will foster resiliency and offset risk factors.

Given Israel's many national responsibilities – including the absorption of massive numbers of immigrants from various countries and cultures, while simultaneously dealing with emergencies – its instructional and educational personnel have an important and highly complex role.

Israel has achieved considerable progress in increasing the number of students between the ages of 12-18 who attend high school. However, despite Israel's Ministry of Education's policy for the prevention of student dropout and the development of special and varied curricula, some of these young people have not been successfully integrated into the existing system. In order to deal with this challenge and its ramifications, the Ministry has made strides in the field of youth advancement, via the development of the Youth and Society Administration. This section in the

Ministry works toward developing and advancing the educational-remedial services for those students that have dropped out of formal educational frameworks.

The course designed by the Aharon Ofri MASHAV International Educational Training Center is aimed at directors of education departments in Ministries of Education, supervisors of primary and secondary schools; Teacher Training institutions, whose responsibilities involve the allocation of resources and development of educational policies.

This program is conducted within the cooperation of UNESCO- Participation Program and Fellowships Section and MASHAV sponsorship of Israel's Agency for International Development Cooperation (MASHAV), a department in Israel's Ministry of Foreign Affairs.

The course is based on the vast experience the Israeli education system has acquired over the years in working towards an educational environment contributive to sustainability and globalization, with a tailored approach that can be instrumental in keeping kids in school and ensuring that they are equipped for success in tertiary education and a meaningful life.

Aims

To train participants to successfully:

- Create a relationship of mutual trust with youth in order to enable their reintegration into the educational system
- Help individual youths develop and realize their potential so that they may help themselves and their society
- Reduce alienation from the community and society
- Plan educational services and interventions for youths at ages 12-18 considered at-risk according to the following characteristics:
 - Detached youths who do not study or work in a formal or informal educational framework
 - Working youth who do not have a supportive educational framework
 - Youth at risk who commit open or clandestine crimes
 - High-risk youth needing individual and ongoing support in areas including completing their education, job placement, and personal and social skills
- Raise multicultural awareness in those working toward the advancement of disadvantaged youth
- Provide tools and guidelines for curricular development
- Advance teaching methods for specific subject matter (such as science and language arts), as well as interdisciplinary subject areas
- Train and advance educational staff and support them in sustaining their duties and promoting their programs
- Enable participants to choose the methods and tools suitable to the particular needs of their environment
- Provide a basis for future training activities according to the needs of the different countries and institutions

Main Subjects

Program Content:

- Latest concepts, methods, and tools for educational staff training
- Model of the Pluralistic Identity
- Models of Multicultural Education
- Programs designed to implement the compulsory education law for detached youth who are not integrated into formal educational frameworks, including special programs for youth in protective institutions and prisons
- Humanistic Mathematics as a tool of Educational Insertion
- Science and Technology Projects as a tool for Educational Insertion
- Education towards completion of certificates at various high school grade levels, within the framework of compensatory centers operating in cooperation with local authorities
- The development of social skills, practical skills and leadership
- Special seminars on civic education
- The training of special educational personnel to work with youth at risk
- Computerized information centers to provide services for youth, locally and nationally
- Complementary education for school-excluded youth: An Evaluation Study – "From Exclusion to Inclusion"
- Improving awareness in teachers of disadvantaged students
- Ways and means designed to assist latent school dropouts
- Correlation between cultural gaps and learning perseverance level
- The influence of achievement, motivation and aspiration on learning processes
- Prevention of violent behavior among school students through the advancement of youth programs
- Education to prevent use of drugs and alcohol
- Sexual education

Methodology:

- Lectures and discussions led by experts
- Workshops
- Analysis of educational planning through written material and professional visits
- Meetings with institutional administrators
- Exposure to projects at the national and regional level
- Simulations, panel discussions, and group work
- Preparation of final projects by individuals or groups, based on the professional interests of participants
- Study tours at schools, educational centers (including science and art centers), universities, teacher training institutions, and pedagogical resource centers

Application

Application Requirements

- High-level educational staff, at the regional or national level, dealing with the target population
- School principals, counselors, supervisors
- Lecturers at teacher training institutions
- Researchers in relevant fields

Application forms should be sent to the relevant Israeli Mission and to the Ofri Center by 18.2.2018 ✓

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 medical form, should be sent to the relevant Israeli mission in the respective country.

General Information

Arrival and Departure

Arrival date: 24.4.2018

Opening date: 25.4.2018

Closing date: 23.5.2018

Departure date: 24.5.2018

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

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. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

The course will be held at the A. Ofri International Training Center, situated in the Ramat Rachel Hotel on the outskirts of Jerusalem. Participants will be accommodated in double rooms (two participants per room).

About MASHAV

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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 it is taking an active part in the international Global Sustainable Development Goals 2030 (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 that has attained global consensus.

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

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

The Aharon Ofri MASHAV International Educational Training Center (METC)

The A. Ofri International Training Center established in 1989 as a professional extension of MASHAV - Israel's Agency for International Development Cooperation. The activities are targeted to meet the Global Sustainable Development Goals 2030 (SDGs).

The Center's vision is that education is the starting point for a person to build himself/herself a gate to new possibilities. Education is the key to a better future and shields against physical harm and confronts moral dilemmas. Education enables us to ask for proper healthcare when needed, and the way to stay healthy and adopt responsible behavior with our bodies. Education is sharing, learning and growing up together with others. Through education, we can learn to take better care of our world, treat it respectfully and use wisely the resources it offers us.

Education concerns itself with learning at all levels, from elementary and secondary school through adult education, and provides knowledge and training for basic skills development, civic awareness, community education, education for special populations, treatment for youth (including those at risk), youth integration, youth leadership, education for health and the prevention of drugs abuse.

Since its inception, the A. Ofri Center has trained thousands of professionals from countries throughout the world. The Center cooperates with senior staff in the Israeli Ministry of Education, academic experts, governmental organizations and non-governmental organizations. In addition, it communicates and cooperates with key international organizations such as UNESCO, OECD, USAID, UNODC, OAS, IOM and the World Bank.

In adopting the Global Sustainable Development Goals 2030 (SDGs), the A. Ofri Center contributes to the sustainable development of human resources internationally, based on knowledge and experience accumulated in Israel.

For further information, please contact:

The A. Ofri International Training Center:

Address: Ramat Rachel, D.N. Tzfon Yehuda, 909000

Tel: 972-2-6702508

Fax: 972-2-6702538

Email: info@metc.org.il

Website: www.ofri.org.il



STATE OF ISRAEL



Israel's Agency for International
Development Cooperation
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CINADCO - Centre for International
Agricultural Development
Cooperation, Ministry of Agriculture
and Rural Development



ARO – Agriculture Research
Organization, the Volcani Center,
Ministry of Agriculture and Rural
Development

MASHAV - Israel's Agency for International Development Cooperation

with

CINADCO - Centre for International Agricultural
Development Cooperation and the ARO – the Volcani
Center, Ministry of Agriculture & Rural Development

invite professionals
to participate in the

International Course:

Seed Production & Treatments for Field & Vegetable Crops

In cooperation with the Institute of Plant Sciences

April 29nd – May 11th, 2018



About the Course

Background

Israel is a leader in the development and production of new crop varieties that are suited to a variety of climatic conditions, are resistant to disease, and are able to maintain quality after harvest during both storage and marketing. Israeli innovations range from saucer-shaped yellow zucchinis to black watermelons to specialized wheat grains to sunflowers for decoration and confection. Each year Israel exports over \$70 million in vegetable seeds to consumers all over the world.

Seed production in Israel is supported by highly comprehensive research and development. In addition to improving conventional farming methods, researchers have developed environmentally-friendly and organic management practices for seed production, treatment, and storage. The development of new seed varieties and preservation of heritage seeds is a cooperative effort involving governmentally-funded researchers and private seed companies. Members of both sectors will share and exchange their experience for the benefit of workshop participants.

Main Subjects

- Basic seed formation and biology from flowering to germination.
- Agrotechnology of conventional and organic vegetable, grain and flower seed production.
- Maintenance of varietal purity, hybrid seed production and management.
- Testing seed quality: germination potential and storage ability.
- Processing: seed sorting, treatments and priming for protection against biotic and abiotic stress.
- Certification and legal aspects of seed production and marketing.

Aims

To understand the biology and agro-technology of quality seed production. To learn methods of production, treatment, storage, inspection, and certification of seeds for vegetable, flower and field crops, and to observe these methods in agricultural and commercial settings. To initiate research, teaching and transfer of knowledge to extension workers and farmers.

Application

Application Requirements

This course is designed for research and extension workers, quality control personnel in the seed industry, and business, government or academic professionals interested in the biology and technology of seed production.

It is particularly of interest to technical professionals responsible for quality assurance, research and extension activities related to seed quality, safety and marketability under the aegis of national or international organizations, institutions, universities, research institutes, civil society and the private sector. Course participants must have a relevant academic degree and at least three (3) years of practical work experience in related fields. A very good command of the English language is essential.

Application forms

Application forms and other information may be obtained at the nearest Israeli mission or at MASHAV's website: [click here](#).

Completed application forms, including the medical form, should be sent to the relevant Israeli mission in the respective country by or before March 4th, 2018. ✓

General Information

Arrival and Departure

Arrival date:	April 29
Opening date:	April 30
Closing date:	May 10
Departure date:	May 11

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

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. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

The course will be held at **the Volcani Center**, situated **10 km east of Tel Aviv, Israel**. Participants will be accommodated at **Neve Shalom Hotel, in Latrun**, in double rooms (two participants per room).

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).

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

[MASHAV Facebook](#)

About CINADCO

The Center for International Agricultural Development Cooperation (CINADCO) is a part of the Israel Ministry of Agriculture and Rural Development. Since 1958, CINADCO has been in charge of the International Agricultural program conducted by MASHAV in Israel and abroad.

CINADCO's activities consist of: International and country "tailor-made" courses in Israel, on-the-spot courses, long- and short-term projects and advisory missions. Israeli experts have also been sent to different locations around the world to conduct projects and to share their expertise in various aspects of agricultural production, extension and project planning. [For more information about the course](#)

[CINADCO Facebook](#)

For further information, please contact:

CINADCO

Address: International R&D courses ARO/CINADCO P.O.Box 30 Bet Dagan 5025001, Israel

Tel: +972-3-9485770

Mobile: +972-54-4627361

Fax: +972-3-9785771

Email: sigalp@moag.gov.il

Website: [CINADCO](#)

About ARO

The Agricultural Research Organization (ARO), the Volcani Center, is the research arm of the Ministry of Agriculture and Rural Development and is responsible for most of the agricultural research conducted in Israel. The scientists of the ARO collaborate with the regional R&D Stations and with the Agricultural Extension Service of the Ministry of Agriculture. Research at the ARO aims to improve existing agricultural production systems and introduce new products, processes and equipment on which Israel's future agricultural efforts will be based. ARO website: [Click here](#)



STATE OF ISRAEL



MASHAV

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



The A. Ofri International
Training Center
Jerusalem

MASHAV - Israel's Agency for International Development Cooperation

with

The A. Ofri International Training Center

invite professionals

to participate in the

International Course:

Special & Inclusive Education

06.05-25.05.2018



About the Course

Background

In September of 2015, the General Assembly adopted the 2030 Agenda for Sustainable Development, which is based on the principle of “leaving no one behind”. The new agenda emphasizes a holistic approach to achieving sustainable development for all. We should also keep in mind that it is the result of a political agreement, and that constant vigilance will be required now and in the future to avoid human rights violations, especially for the most discriminated groups, such as people with disabilities, people with intellectual and psychosocial disabilities, or people living in conflict-affected areas.

The development of each and every country is based on the education of its people, and the education is based on the development of the country. The highest responsibility of each educational system is to provide education and high quality teaching for all students. In the case of Special Education, the subjects do not need to be changed, but a program should be tailored for each student, as well as the teaching methods, in order to enhance the student’s strengths and help him/her to overcome difficulties. The SDGs also promote Inclusive Education, which means that students with special needs are placed (when possible) in “regular schools” instead of segregated institutions, in order to empower the child with special needs to be an active part of society. It also teaches the “regular students” to understand what the needs of their peers with different impairments are; it fosters equality, respect and solidarity. Imagine the world in 2030, fully inclusive of persons with disabilities.

Under the title “Special Education and Inclusive Education” we can find a variety of theories, systems and ways of working, depending on the needs of the people who are included in these programs. a process of addressing and responding to the diversity of needs of all learners through inclusive practices in learning, cultures and communities and reduction of exclusion within and from education.

In order to develop the skills, experience and confidence to be inclusive of all children, teachers need to learn about and practice inclusive education, and they need to be given opportunities for continuing professional development throughout their careers.

The goal of the course is to introduce the educators to the ways Israel copes with the subject and to the different ideas and ways of working with students with special needs. The course aims to empower the participants as role models with specific seniority, experience, leadership, full understanding of the subject and training.

In the process of planning the course we considered the newest and most accurate contents and processes going on in the Israeli Educational System as well as international aspects.

Aims

- To introduce the participants to the Division of Special Education guidelines; to different theories, approaches and technologies, such as Self Advocacy, Sexual Education for people with special needs, etc.
- To introduce the different activities and programs that different schools (inclusive and segregated) have for students with special needs
- To provide tools for equitable and quality education
- To provide tools and guidelines for curricular development. This means to use the National Core Curriculum and adapt it to each student’s abilities and difficulties
- To advance teaching methods for specific subject-matters (science, language, etc.), as well as interdisciplinary subject areas, tailored specifically for each student in the special education system
- To provide guidelines for establishing pedagogical resource centers, regionally and locally, for teacher training and support
- To enable participants to choose the methods and tools suitable to the particular needs of their environments
- To provide a base for future activities according to the needs of the different realities

Main Subjects

- Presentation of the policies established by the Division of Special Education in the State of Israel
- New outlooks on the concepts of "Special Education" and "Person with Special Needs" (in contrast with "disabled person")
- Presentation of the different sub-divisions in special education, such as education for the visually impaired, hearing impaired, autistic, mentally impaired, etc.
- Presentation of the policies regarding early detection and placement of the people with special needs in the proper institution for him/her, within the frame of the Division of Special Education
- Learning to design a curriculum based on good practices from a development perspective
- Presenting methods and activities that empower the student with special needs to speak out for him/herself (self advocacy)
- Practices to motivate and empower teachers to improve teaching skills:
 1. Self-confidence, self-learning and self-assessment
 2. Teaching skills and tools to implement the adapted curriculum
 3. Establishing contacts with other teachers and educators in order to increase awareness and expand ideas and opinions
- Analysis of the role and place of educational personnel in national awareness of the subject and against discrimination
- Learning new frameworks and methods for using the Internet as a database of information and also as an interface for working with special needs students
- Allowing creative thinking to be part of the day-to-day work - as an attitude and as a work tool.

Methodology

The Ofri International Training Center has developed a unique, holistic approach that takes into consideration the emotional and creative aspects of the pedagogical process. Its working methods enable program participants to make practical use of theoretical knowledge.

- Lectures and discussions led by experts
- Workshops
- Analysis of educational planning through written material and professional visits
- Meetings with institutional administrators and acquaintance with projects at the national and regional levels
- Simulations, panel discussions, and group work
- Preparation of final projects by individuals or groups
- Study tours at schools, educational centers, universities, teacher training institutions and pedagogical resource centers

Application

Application Requirements

High-level educational staff, at the regional or national level, dealing with the target population

School principals, counselors, supervisors

Lecturers at teacher training institutions

Researchers in relevant fields

Application forms should be sent to the relevant Israeli Mission and to the Ofri Center by or before 05.03.2018 ✓

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 medical form, should be sent to the relevant Israeli mission in the respective country.

General Information

Arrival and Departure

Arrival date:	06.05.2018
Opening date:	07.05.2018
Closing date:	24.05.2018
Departure date:	25.05.2018

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

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. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

The course will be held at the A. Ofri International Training Center, situated in the Ramat Rachel Hotel on the outskirts of Jerusalem. Participants will be accommodated in double rooms (two participants per room).

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, MASHAV's approach is to ensure social, economic and environmental sustainable development, and it is taking an active part in the international Global Sustainable Development Goals (SDGs) 2030.

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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 the A. Ofri International Training Center

The A. Ofri International Training Center was established in 1989 as a professional extension of MASHAV - Israel's Agency for International Development Cooperation. Its activities are aimed to ensure social, economic and environmental sustainable development, and it is taking an active part in the international Global Sustainable Development Goals (SDGs) 2030.

The Center's vision is that education is the starting point for a person to build himself/herself a gate to new possibilities. Education is the key to a better future and shields against physical harm and confronts moral dilemmas. Education enables us to ask for proper healthcare when needed, and the way to stay healthy and adopt responsible behavior with our bodies. Education is sharing, learning and growing up together with others. Through education we can learn to take better care of our world, treat it respectfully and use wisely the resources it offers us.

Education concerns itself with learning at all levels, from elementary and secondary school through adult education, and provides knowledge and training for basic skills development, civic awareness, community education, education for special populations, treatment for youth (including those at risk), youth integration, youth leadership, education for health and the prevention of drugs abuse.

Since its inception, the A. Ofri Center has trained thousands of professionals from countries throughout the world. The Center cooperates with senior staff in the Israeli Ministry of Education, academic experts, governmental organizations and non-governmental organizations. In addition, it communicates and cooperates with key international organizations such as UNESCO, OECD, USAID, UNODC, OAS, IOM and the World Bank.

In adopting the Global Sustainable Development Goals (SDGs) 2030, the A. Ofri Center contributes to the sustainable development of human resources internationally, based on knowledge and experience accumulated in Israel.

For further information, please contact:

The A. Ofri International Training Center:

Address: Ramat Rachel, D.N. Tzfon Yehuda, 909000

Tel: 972-2-6702508

Fax: 972-2-6702538

Email: info@metc.org.il

Website: www.ofri.org.il



STATE OF ISRAEL



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



The Weitz Center for
Sustainable Development

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

with

The Weitz Center for Sustainable Development

invite professionals
to participate in the

International Course:

Addressing the Urbanization Challenge

May 21st – June 8th, 2018



About the Course

Background

Cities are currently home to majority of the world's population. Over the next 30 years most of the two-billion-plus person increase in global population is expected to occur in urban areas in the developing world. If well managed, cities offer opportunities for economic and social development. Cities have always been focal points for economic growth, innovation, and employment. Cities are also centers of modern living, where indicators of general health and wellbeing, literacy, women's status, and social mobility are typically highest. While cities command an increasingly dominant role in the global economy, rapid urban growth throughout the developing world is seriously outstripping the capacity of most cities to provide adequate services for their citizens. Of particular concern are the risks to the immediate and surrounding environment, to natural resources, to health conditions, to social cohesion, and to individual rights. For many observers, however, the greatest concern is surely the massive increase in the numbers of the urban poor. Many of these urban poor are living in informal settlements made up of informal housing, often called slums. According to UN-Habitat, there are 823 million people living in slums worldwide. An estimated 72% of the urban population of Africa now lives in slums. The proportion is 43% for Asia and the Pacific, 32% for Latin America, and 30% for the Middle East and Northern Africa.

Slums and the complex web of challenges causing their existence and resulting from their existence is one of the greatest challenges faced by decision makers in the urban sphere. The international training *Addressing the Urbanization Challenge* is designed to empower participants to develop a comprehensive approach to addressing urbanization challenges – one that maintains financial and management mechanisms while integrating land use planning, construction of infrastructure, stimulation of economic growth, provision of social and health services, promotion of social cohesion and environmental protection.

The Israeli experience

Israel, one of the most urbanized countries in the world (with an urbanization rate of nearly 92%), has gained extensive experience in both the revitalization of poor urban areas and the integration of immigrant social groups from various backgrounds and origins. Though slums and poor urban neighborhoods in Israel are different from those in developing countries, the accumulated Israeli knowledge on the approaches, strategies and tools to deal with these challenges is relevant for participants.

Aims

The course aims to:

- Provide participants with knowledge, tools and strategies related to addressing urban challenges
- Inspire and energize participants to be agents for positive change in their countries
- Expose participants to new approaches and opportunities in the field of addressing urban challenges
- Present Israel as a case study from which to draw valuable lessons about addressing urban challenges
- Enrich participants with professional skills with which to develop their careers and best benefit their communities and countries
- Connect participants with an international network of professionals in their field

Main Subjects

The program will provide participants with knowledge and tools in the following subjects:

- + Concepts in urban planning for development (land use and infrastructure planning; financial, management and organizational tools; urban branding; the triple bottom line & sustainability, asset-based development)
- + Slum upgrading and migration to the city
- + Housing (inclusionary zoning, project renewal, public housing)
- + Stimulating economic growth (LED – local economic development; support systems for innovation, entrepreneurship and SME's; conservation of the built heritage; PPP's - public-private partnerships)
- + Social Sustainability (migrant absorption, social cohesion, youth engagement)
- + Environmental services (natural resource management ; municipal water and waste management; energy issues)

The methodology

Participants will participate in both classroom based lectures and study visits, benefiting from the experience and knowledge of high-level Israeli experts and consultants. Israeli case studies and practices will be discussed throughout the program. Additionally, participants will be required to formulate and present a project of interest relevant to the topic of this course. For this purpose, some pre-course work will be required. Detailed instructions will be sent to the selected participants.

Remark: Please take into consideration that the program involves daily walking on the campus as well as during field visits.

Application

Application Requirements

The training targets highly motivated decision makers, policy makers and professionals from the fields of urban planning, architecture, engineering, economics, community work, administration, working in government ministries (such as local government, housing, development, welfare, health and others), in local authorities, NGOs and CBOs active in the field, as well as business organizations and academic institutions engaged with urban revitalization and slum upgrading programs.

Application forms

Application forms ([download](http://mashav.mfa.gov.il/MFA/mashav/Courses/Pages/default.aspx)) 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>.

The completed forms (including health certificate, declaration etc.) should be submitted in **WORD documents** to the relevant Israeli mission in your area and sent to our office (ronit@weitz-center.org) **no later than the morning of March 5th 2018**. Candidates must also hand in a passport photo by electronic file. ✓

General Information

Arrival and Departure

Arrival date:	May 21, 2018
Opening date:	May 22, 2018
Closing date:	June 7, 2018
Departure date:	June 8, 2018 morning

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

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. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

The course will be held at **the Weitz Center for Sustainable Development**, situated within the campus of **the Faculty of Agriculture, Rehovot, Israel**. Participants will be accommodated at **the Reisfeld Residence** in single rooms in shared apartments (4-5 participants per apartment).

About MASHAV

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

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

About the Weitz Center for Sustainable Development

The Weitz Center for Sustainable Development is a leader in capacity building for sustainable development. Our work is dedicated to enhancing the efforts of international agencies, governments, communities, civil society and private sector organizations to achieve positive social and economic change both in Israel and abroad across developing and transitioning countries. Towards this end, we offer high quality training and consulting services, highlighting our practical, assets-based and integrated approach to development.
<http://www.weitz-center.org/>

For further information, please contact:

Weitz Center for Sustainable Development:

Address: Rehovot 7610001, Israel

Tel: 972-8-9474111 / **Cell:** 972-54-6655233 (Mrs. Ronit Shpindel)

Fax: 972-8-9475884

Email: ronit@weitz-center.org

Website: www.weitz-center.org



STATE OF ISRAEL



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



THE HEBREW
UNIVERSITY
OF JERUSALEM

The Robert H. Smith Faculty of
Agriculture, Food & Environment

The International School of
Agricultural Sciences

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

with

The Hebrew University of Jerusalem

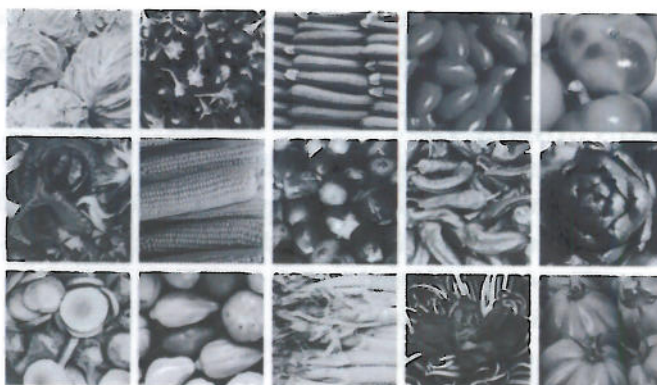
**The Robert H. Smith Faculty of Agriculture, Food & Environment,
The International School of Agricultural Sciences**

invite professionals

to participate in the International Course:

**NUTRITION IN A CHANGING GLOBAL
ENVIRONMENT**

May 27, 2018- June 15, 2018



About the course

Background

In cooperation with the Hebrew University of Jerusalem's Faculty of Agriculture – MASHAV's only academic affiliate – we are pleased to announce the opening of a training and capacity building program on **NUTRITION IN A CHANGING GLOBAL ENVIRONMENT**.

The course will be held in Israel at the Robert H. Smith Faculty of Agriculture, Food and Environment, International School of Agricultural Sciences, in Rehovot from, August 27, 2017- September 19, 2017.

AIMS

Major changes have occurred in the global diet. In the past, malnutrition and infectious diseases were of primary concern. They remain a challenge, but today we also face an emerging trend towards over nutrition and chronic diseases (cardiovascular, diabetes, cancer). Nutrition transition has made fast-food, high in fats and simple sugars, the preferred menu for millions of individuals around the world and in particular for growing percentages of populations in developing countries. More and more processed foods are available and foods made from natural, locally-grown produce are disappearing. As we better understand how diet affects our health, it is clear that drastic dietary changes must be made.

First, the physiological needs of each age group must be understood, followed by appropriate dietary recommendations that will promote good health. It is also evident that exposures throughout the lifespan, including in utero, affect long term health. Health professionals should have the tools to carry out critical evaluation of the most recent nutritional studies and implement appropriate changes in the community. "Informed" food choices based on sound scientific evidence can insure good nutrition for all.

OBJECTIVES

The program's objectives are:

- To provide an overview of the nutritional needs of different populations.
- To understand current nutritional guidelines established to provide optimal dietary intake for all age groups.
- To critically examine how nutritional recommendations are made and to evaluate epidemiological and clinical evidence.
- To understand the lifespan approach to nutrition.
- To discuss emerging trends in modern nutritional sciences.
- To develop new tools for implementing nutritional recommendations.

MAIN SUBJECTS

This program's topics of study will include:

- Nutrition throughout the life-cycle: infants, children, adolescents, mothers, adults and the elderly.
- Understanding evidence-based nutrition.
- The obesity epidemic.
- The Microbiome and health.
- Fetal Programming.
- Functional Foods.
- Nutrigenomics- how nutrients interact with genes.
- Supplementation and fortification.
- Nutrition in chronic disease.
- Nutrition transition.

STUDY CONDITIONS

Classes will be held at the Faculty's Rehovot campus, where there are laboratories, advanced research equipment and the central library of Agricultural Science.

Around-the-clock computer access will be provided, and computers will be used extensively.

We recommend that participants who own a personal computer bring it with them for their own convenience.

Scientific material and homework will be assigned and graded.

Professional field trips will be held.

Full attendance is required.

*We reserve the right to make changes in the academic program.

APPLICATION

Application Requirements

COURSE COMPLETION

Each participant will prepare a seminar presentation, which will be reviewed and graded. This presentation should apply knowledge acquired during the course to a nutritional, public health challenge facing your country (for example: obesity, AIDS, iodine deficiency, etc.). Participants are advised to bring with them digitalized data relevant to their countries. On completion of the course and fulfillment of its requirements, participants will receive certificates, which will be accredited by many universities.

Requirements

Candidates interested in attending this program require:

- M.Sc. degree or above in nutrition, dietetics, medicine, bio-chemistry, health education, or a related field, from a recognized university. (A detailed record of studies and copies of degrees must be included with application forms.)
- Documentation of academic studies conducted in English OR a TOEFL score of at least 89 on the internet-based scale OR an internationally recognized equivalent. (The language of instruction is English. Therefore, participants whose native tongue is not English, must furnish proof of proficiency in this language.)
- Professional experience in the field is recommended (at least 3 years).
- This course is designed for public health practitioners, nutritionists, dietitians, health educationists, and academicians in relevant fields.
- An official certificate of good health signed and stamped by a doctor.
- Two letters of recommendation are required from the candidate's place of work or university.

Application forms and deadline

Application forms may be obtained from the nearest Israeli diplomatic or consular representative or can be downloaded from the website of the Israel Foreign Ministry, MASHAV Study Programs at:

<http://www.mashav.mfa.gov.il/MFA/mashav/Courses/Pages/default.aspx>

Completed applications MUST be sent directly to the Israeli representative in your country by 25.3.2018 (March 25, 2018). In addition, you must send a copy of the forms in PDF format (and not JPEG) to the program coordinator, Ms. Mala Braslavsky, by email to: **malab@savion.huji.ac.il**

General Information

Arrival and Departure

Arrival date: 27/05/2018

Opening date: 28/05/2018

Closing date: 14/06/2018

Departure date: 14/06/2018 late afternoon or 15/06/2018 during the day

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

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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. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

Accommodations: The course will be held at The Hebrew University's Robert H. Smith Faculty of Agriculture, Food & Environment, situated in Rehovot. Participants will be accommodated in single bedroom accommodation in a shared apartment will be provided in our fully equipped guest house on campus.

About MASHAV

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

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

About The Hebrew University of Jerusalem

The Hebrew University of Jerusalem was opened in 1925, preceding the establishment of the State of Israel by more than two decades. The University was designed to be a world class institution of higher learning and research. Today, the Hebrew University comprises seven faculties, 15 schools, some 60 research centers, a student body of about 23,000 and a tenured-track faculty of some 1,500. One third of its enrollment is at the M.Sc. and Ph.D. level.

The Robert H. Smith Faculty of Agriculture, Food & Environment

The Hebrew University's Robert H. Smith Faculty of Agriculture, Food & Environment was established in 1942 in Rehovot, a city at a distance of some 55 km from the main campus of the University in Jerusalem. The site was chosen with considerations of its climate and soil conditions. It is the only agricultural institution of higher education in Israel offering university degrees. The International School of Agricultural Sciences is aimed to expose academic graduates from abroad to post-graduate programs, giving them insight into the achievements and research of Israel in general and of the Faculty in particular, expanding their knowledge in specific fields and creating opportunities for international cooperation.

For further information, please contact:

Address: The International School of Agricultural Sciences Robert H. Smith Faculty of Agriculture, Food & Environment P.O. Box 12, Rehovot, Israel 76100

Tel: 972-8-9489509

Fax: 972-8-9470171

Email: malab@savion.huji.ac.il

Website: <http://intschool.agri.huji.ac.il/>



STATE OF ISRAEL



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



Arava Institute for Environmental
Studies

MASHAV - Israel's Agency for International Development Cooperation

with

The Arava Institute for Environmental Studies

invite professionals

to participate in the

International Course:

Environmental Management of Nature Parks and Reserves: focus on Ecosystem Services

June 10th – June 29th, 2018



About the Course

Background

Ecosystem services are defined as the benefits provided by ecosystems to humans.

Ecosystem services are commonly valued in ecological, economic or social terms. They have emerged as a prominent conceptual link between environment and society. Ecosystem services have managed to bridge the gap between nature conservation for the sake of nature and the concern for people's welfare. The argument for the protection of species and ecosystems can also be made in terms of the role of ecological systems in sustaining people's livelihoods and quality of life. Understanding how protection and proper management of ecosystems benefits society is important to professionals who work in environmental management because it provides them with tools to communicate this importance to stakeholders and the public. It has been shown that when the public understands the value of ecosystems, it is easy to gain the support that is so vital to nature conservation.

This training program, to be held at the Arava Institute for Environmental Studies located on Kibbutz Ketura in the south of Israel, provides an opportunity for mid-level professionals to gain knowledge about the basics of environmental management and ecosystem services. The primary topics include the principles of ecosystem management, ecosystem services and their value. We will teach participants the vocabulary and tools to work with government offices and ministries. Our course will include lectures and seminars from ecologists, nature reserve rangers, economists, sociologists and representatives from the Israeli Ministry of Environmental Protection.

The training program will utilize the extensive knowledge of the Arava Institute Center for Hyper Arid Socio-Ecology. In this course we will explain how arid lands function and what services they provide. We will teach what ecosystem services are, give examples of how they benefit society and how better management of ecosystems benefits societies. We will discuss different management styles with an emphasis on biosphere reserves. We will show how ecosystem services can be assessed, valued, priced and be translated to management practices. We will focus on the differences in management between several types of eco-systems. The course format will also include elements of renewable energy use, sustainable agriculture and water resource management in the framework of the whole life cycle approach of the Arava Center for Sustainable Development.

Aims

- Understand the concept of ecosystem services, its terminology, the division into categories, and its ecological, anthropological and economic aspects
- Learn how to build a management scheme based on the Ecosystems Services concept
- Assess Ecosystem Services values under different circumstances and scenarios of park management
- Learn the concept of a biosphere reserve and its management
- Learn about off-grid technologies as supporting tools in the operation and management of biosphere reserves
- Learn about the concept of ecosystem integrity
- Learn the DPSIR model and how to use it for management of nature reserves, parks and other public areas.
- Understand the structure and function of arid land ecosystems and use desert ecosystem integrity as a case study
- Understand the pressures and conflicts on arid lands
- Learn to teach rangers, government officers, and the public about Ecosystem Services
- Prepare a park management plan based on the Ecosystem Services Principle

Main Subjects

- Review of the principles and concepts of Ecosystems
- Using an Ecosystem Services approach to understand the importance of nature to human society
- The study of human-nature interactions including the conflicts of nature conservation and management
- Looking at the Israeli model of nature reserves and biosphere reserves in solving human-nature tensions
- Gaining the necessary tools for the management of ecosystems, including financial aspects
- Using a life cycle approach to resolve human-nature tensions

Application**Application Requirements**

The target audience for this training program is individuals who are interested in expanding their knowledge and initiatives into ecosystem management, environmental economics, and environmental management.

This training program is intended for mid-level professionals involved in nature preservation, working for government, non-governmental organizations, decision-making bodies, academia and the private sector.

It will be especially beneficial to heads of rural councils and environmental officers of rural councils, government officers of environment and tourism ministries, biosphere reserve managers, park managers and rangers.

The program will be conducted in English. It is essential that the participants have a high level of reading, writing and speaking in English.

Competition for the MASHAV Courses is merit-based and selection will be made on the basis of academic excellence, professional aptitude, leadership potential in the field of Environmental Management and Ecosystem Services, and knowledge of English.

Funding for the MASHAV Courses is limited and the program is highly competitive; not all qualified applicant will receive awards.

Applications should be submitted no later than April 18th, 2018. A copy of the application should be sent to the **Israeli Embassy nearest to you** as well as to Ms. Tali Adini of the Arava Institute: tali@arava.org

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 medical form, should be sent to the relevant Israeli mission in the respective country.

General Information

Arrival and Departure

Arrival date: Sunday June 10th, 2018
Opening date: Monday June 11th, 2018
Closing date: Thursday June 28th, 2018
Departure date: Friday June 29th, 2018

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

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.

The majority of the course will be held at the Arava Institute for Environmental Studies, situated at Kibbutz Ketura in the Arava Desert, a four hour drive from the center of Israel. Kibbutz Ketura is a collective community located approximately 50 kilometers from the Red Sea resort city of Eilat in the south of Israel. In June, the weather will be **very hot and dry**; temperatures will range from 35°- 40°C during the day and down to 25°C at night. For more information on Kibbutz Ketura, you can access the website at: <https://www.ketura.org.il/welcome/>

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. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

About MASHAV

MASHAV – Israel's Agency for International Development Cooperation is dedicated to providing 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 the Arava Institute for Environmental Studies

The Arava Institute is a leading environmental and academic institution in the Middle East, working to advance cross-border environmental cooperation in the face of political conflict. It houses academic programs in partnership with Ben Gurion University, research centers, and international cooperation initiatives focusing on a range of environmental concerns and challenges

With a student body comprised of Jordanians, Palestinians, Israelis, and students from around the world, the Arava Institute offers students an exceptional opportunity to learn from leading professionals while forming friendships and developing skills that enable them to lead the region and the world in solving today's most pressing environmental challenges.

Here, the idea that nature knows no political borders is more than a belief. It is a fact, a curriculum, and a way of life.

For further information, please contact:

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