



World Meteorological Organization
Organisation météorologique mondiale

Secrétariat

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United Nations World Water Assessment Programme

Weather > Climate > Water
Temps > Climat > Eau

Nuestra ref.: ETR/CRS-413

GINEBRA, 5 de febrero de 2013

Anexos: 2 (disponibles en inglés solamente)

Asunto: Cursillo avanzado sobre cambio climático y agricultura, Shefayim, Israel, 27 de mayo a 7 de junio de 2013

Finalidad: Para información y para que se adopten las medidas pertinentes, según proceda, antes del **1 de abril de 2013**

Estimado señor/Estimada señora:

Tengo el placer de informarle de que el Centro regional de formación (CRF) de Bet Dagan, en colaboración con la Agencia Israelí de Cooperación Internacional para el Desarrollo (MASHAV), organizará un Cursillo avanzado sobre competencia, cambio climático y agricultura en el CRF de Bet Dagan (Israel) del 27 de mayo al 7 de junio de 2013.

El Cursillo tiene por objeto mejorar la capacidad de los participantes para usar con eficacia técnicas y métodos agrometeorológicos, así como herramientas destinadas a atenuar los distintos efectos del cambio climático en la agricultura. El Cursillo forma parte de los servicios climáticos prestados por el Servicio Meteorológico de Israel de acuerdo con los objetivos del Marco Mundial para los Servicios Climáticos (MMSC). El Cursillo se impartirá en inglés.

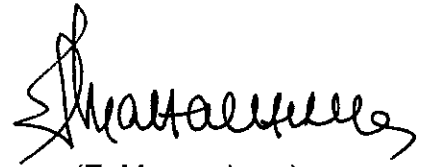
El Gobierno de Israel ofrecerá becas, que sufragarán los gastos de alojamiento en régimen de pensión completa (habitación ocupada por dos personas) para toda la duración del Cursillo, derechos de matrícula y transporte para los participantes de países en desarrollo. Sin embargo, la beca no cubre los gastos del pasaje por vía aérea hacia o desde Israel ni las dietas o el dinero para gastos personales. Se dispondrá de un número limitado de subsidios de viaje por vía aérea para los participantes. En el anexo I se proporciona información detallada sobre el Cursillo, con inclusión de los criterios de participación y el procedimiento de inscripción.

A los Representantes Permanentes (o Directores de los Servicios Meteorológicos o Hidrometeorológicos) de los Miembros de la OMM (PR-6685)

copias: Asesores hidrológicos de los Representantes Permanentes

Los candidatos interesados deberán rellenar el formulario de inscripción que figura en el anexo II y enviarlo directamente al CRF de Bet Dagan, Servicio Meteorológico de Israel, P.O. 25, Bet-Dagan 50250, Israel, por correo electrónico a **rmte@ims.gov.il** o a **gershteing@ims.gov.il** a más tardar el **1 de abril de 2013**.

Le saluda atentamente.

A handwritten signature in black ink, appearing to read 'E. Manaenkova', with a stylized flourish at the end.

(E. Manaenkova)
por el Secretario General

ETR/CRS-413, ANNEX I

ADVANCED WORKSHOP ON “CLIMATE CHANGE AND AGRICULTURE”

**Shefayim, Israel
27 May–7 June 2013**

1. Introduction

The IMS/WMO RTC Bet-Dagan of the Israel Meteorological Service has provided training at a post-graduate level since 1967. Several thousands of participants from all over the world, mainly from developing countries, have taken advantage of the opportunities provided by our RTC to study the application of meteorology to various aspects of economic activity.

The topics of this workshop are in accordance with the concept of the Global Framework for Climate Services (GFCS), where agriculture is one of the four key areas selected by the High Level Taskforce of the GFCS.

Since Israel was successful with developing such agriculture, despite the negative impact of its climate and water resources scarcity on its agricultural production, many of the methodologies developed during the years could also be used for mitigating the results of climate change and increasing the agricultural production.

This workshop will demonstrate advanced methodologies and techniques developed in order to compensate for the impact of unfavorable climate conditions on agricultural production. It will introduce Israel's knowledge in various fields such as: (i) Irrigation under changing climate conditions; (ii) Microclimate Control in Agricultural Buildings; (iii) Forecaster-Farmer Interaction; and (iv) Cultivation of crops resistant to Climate Change, etc. The workshop's curriculum will include a combination of classroom lectures, discussions, exercises, demonstrations, field trips and round-table discussions.

2. Workshop Objectives

- a) To discuss the effects of climate change on different fields of agriculture and agricultural production;
- b) To demonstrate modern agrometeorological techniques and methods for mitigating the effects of climate change.

3. Main Workshop Content

- a) **Effects of climate change on agricultural production:**
 - Precipitation distribution and changes,
 - Extreme Events – Floods, Droughts, Frost and Heat waves,
 - Phenological effects.
- b) **Agrometeorological techniques:**
 - Advanced irrigation methods,
 - Usage of marginal water,
 - Climate control in horticulture and livestock buildings.

c) Forecast and risk management for improving agricultural production:

- Short- and medium-range weather forecasts and their impact on agriculture,
- Usage of economical tools for mitigating the impact of climate change.

4. Participation cost

The airfare cost should be covered by the participant, by his/her employer, or by the granting institution. The total cost of lodging at full board for single in a double room during the duration of the workshop, including tuition fees and field trips transportation will amount to approximately \$200 per day (inc. insurance). The total for the whole period would be \$2,400.

5. Scholarships

Scholarships, covering accommodation at full board (two persons per room) during the duration of the workshop, tuition fees and field trip transportation will be provided by the Government of Israel – MASHAV – Israel's Agency for International Development Cooperation. A limited number of air travel grants may be available.

6. Criteria

The advanced workshop is designed primarily for meteorological staff of National Meteorological and Hydrological Services engaged and interested in the application of advanced agrometeorological methodologies and techniques in mitigating the effects of climate change.

7. Language

The workshop will be held in English. A working knowledge of English is mandatory.

8. Training Staff

The workshop will be conducted by senior staff of the IMS/WMO RTC Bet-Dagan having extensive knowledge and experience in climatology, agrometeorology and agronomy, in Israel and elsewhere. Invited guest lecturers will also participate in providing and sharing their knowledge and experience in specific fields of expertise.

9. Registration

Interested candidates are requested to complete the attached Participant Application Form for the workshop and return it directly to RTC Bet-Dagan, Israel Meteorological Service, P.O.B. 25, Bet-Dagan 50250, Israel, to rmtc@ims.gov.il or to gershteing@ims.gov.il not later than **1 April 2013**.

WORLD METEOROLOGICAL ORGANIZATION

ETR/CRS-413, ANNEX II

**ADVANCED WORKSHOP ON
CLIMATE CHANGE AND AGRICULTURE**

**Shefayim, Israel
27 May–7 June, 2013**

APPLICATION FORM

Applicants willing to take part in this workshop are requested to fill this form and send it to:

Mr Giora. G. Gershtein, IMS/WMO RTC Bet-Dagan, P.O.B. 25, Bet-Dagan 50250, Israel
E-mail: gershteing@ims.gov.il; rmtc@ims.gov.il before **1 April 2013**.

Please print or type

Country _____ Date of Birth _____

Family Name: _____ Given Name: _____

Work Experience _____

Education _____

Academic degree (if available) _____

Place of employment _____

Position held _____

Posting address _____

Telephone: _____ Fax: _____

E-mail: _____

Financial assistance for required travel:

Yes ☐ No ☐

Applicant's signature _____ Date _____

Recommendation of Director of the Service:

Signature_____Date_____
