



World Meteorological Organization  
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water  
Temps • Climat • Eau

Наш исх.: № ETR/CRS-413

ЖЕНЕВА, 5 февраля 2013 г.

Приложения: 2 (имеются только на английском языке)

Вопрос: Расширенный практический семинар на тему «Изменение климата и сельское хозяйство», Шфаим, Израиль, 27 мая – 7 июня 2013 г.

Предлагаемые меры: Для информации и принятия соответствующих мер, по мере необходимости, но не позднее **1 апреля 2013 г.**

Уважаемый господин/Уважаемая госпожа,

Рада сообщить Вам о том, что РУЦ Бет-Даган, Израиль, в сотрудничестве с Израильским агентством по вопросам международного сотрудничества (МАШАВ) будет проводить в РУЦ Бет-Даган, Израиль, с 27 мая по 7 июня 2013 г. расширенный учебно-практический семинар по компетенциям в области изменения климата и сельского хозяйства.

Цель этого практического семинара заключается в расширении возможностей участников в области эффективного использования агрометеорологических методов и технических возможностей, а также других средств для смягчения различных форм воздействия изменения климата на сельское хозяйство. Курс является частью климатического обслуживания, предоставляемого ИМС в соответствии с целями ГРОКО. Семинар будет проводиться на английском языке.

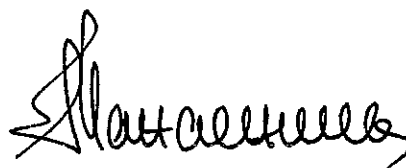
Правительство Израиля предоставит стипендии, покрывающие затраты на проживание с полным пансионом (по два человека в комнате) в течение семинара, оплату обучения и проезд для кандидатов из развивающихся стран. Стипендии, однако, не покрывают расходы на авиабилеты в Израиль и обратно или предоставление суточных или денежных средств на мелкие расходы. Участникам может быть предоставлено ограниченное количество субсидий на приобретение авиабилетов. Подробная информация о семинаре, включая требования и процедуры подачи заявок, представлена в приложении I.

Постоянным представителям (или директорам метеорологических или гидрометеорологических служб) стран – членов ВМО (PR-6685)

Копии: Советникам по гидрологии постоянных представителей

Заинтересованным кандидатам предлагается заполнить прилагаемую форму «Participant Application Form» (Форма заявки на участие) (приложение II) и вернуть ее непосредственно по адресу: RTC Bet-Dagan, Israel Meteorological Service, P.O.B. 25, Bet-Dagan 50250, Israel (Израиль), на адрес э-почты [rmtc@ims.gov.il](mailto:rmtc@ims.gov.il) и/или [gershteing@ims.gov.il](mailto:gershteing@ims.gov.il) не позднее **1 апреля 2013 г.**

С уважением,

A handwritten signature in black ink, appearing to read 'Е. Манаенкова'.

(Е. Манаенкова)  
за Генерального секретаря

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](mailto:rmtc@ims.gov.il) or to [gershteing@ims.gov.il](mailto:gershteing@ims.gov.il) not later than **1 April 2013**.

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**WORLD METEOROLOGICAL ORGANIZATION**

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**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](mailto:gershteing@ims.gov.il); [rmtc@ims.gov.il](mailto: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:

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Signature\_\_\_\_\_Date\_\_\_\_\_

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