



World Meteorological Organization  
Organisation météorologique mondiale

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Weather • Climate • Water  
Temps • Climat • Eau

Notre réf.: ETR/CRS-413

GENÈVE, le 5 février 2013

Annexes: 2 (disponibles en anglais seulement)

Objet: Stage de formation sur «le changement climatique et l'agriculture», Shefayim, Israël, 27 mai – 7 juin 2013

Suite à donner: Pour information et mesures à prendre, le cas échéant, **au plus tard le 1<sup>er</sup> avril 2013**

Madame, Monsieur,

J'ai le plaisir de vous informer que le Centre régional de formation professionnelle (CRFP) de Bet-Dagan, en coopération avec l'Agence israélienne de coopération pour le développement international (MASHAV), organisera le stage de formation cité en objet dans les locaux du CRFP, du 27 mai au 7 juin 2013.

L'objectif du stage est d'aider les participants à tirer meilleur parti des méthodes et des techniques agrométéorologiques disponibles ainsi que d'autres outils afin d'atténuer les différents effets du changement climatique sur l'agriculture. Ce stage, qui se déroulera en anglais, s'inscrit dans le cadre des services climatologiques fournis par le Système de surveillance international (SSI), conformément aux objectifs fixés pour le CMSC (Cadre mondial pour les services climatologiques).

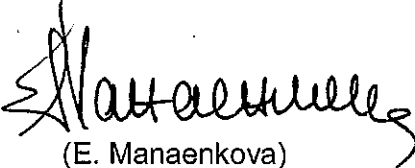
Le Gouvernement israélien offrira des bourses d'études couvrant les frais d'hébergement en pension complète (deux personnes par chambre) pendant la durée du stage de formation ainsi que les frais d'inscription et de transport pour les ressortissants de pays en développement. Cependant, les bourses d'études ne couvrent pas le prix des billets d'avion aller-retour, l'indemnité journalière de subsistance et les faux frais. Un nombre limité de bourses de voyage pourraient être octroyées aux participants. Vous trouverez dans l'annexe I des informations concernant le stage de formation, et notamment les conditions de participation.

Aux: Représentants permanents (ou directeurs des Services météorologiques ou hydrométéorologiques) des Membres de l'OMM (PR-6685)

cc: Conseillers en hydrologie auprès des représentants permanents

Les personnes intéressées sont invitées à remplir le formulaire de candidature ci-joint (annexe II) et à le renvoyer directement au CRFP de Bet Dagan, à l'adresse «RTC Bet Dagan, Israel Meteorological Service, P.O. Box 25, Bet Dagan 50250 Israël», ou par courrier électronique à l'adresse [rmtc@ims.gov.il](mailto:rmtc@ims.gov.il) et/ou [gershteing@ims.gov.il](mailto:gershsteing@ims.gov.il), **au plus tard le 1<sup>er</sup> avril 2013.**

Veillez agréer, Madame, Monsieur, l'expression de ma considération distinguée.



(E. Manaenkova)  
pour le Secrétaire général

**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,
  - Pheonological 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:gershhteing@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.ill](mailto:gershteing@ims.gov.ill); [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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