



World Meteorological Organization
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water
Temps • Climat • Eau

Nuestra ref.: ETR/CRS-814

GINEBRA, 28 de marzo de 2014

Anexos: 2 (disponibles en inglés solamente)

Asunto: Cursillo avanzado sobre cambio climático y agricultura, Centro Regional de Formación Bet-Degan, (Shefayim, Israel, 6 a 19 de junio de 2014)

Finalidad: Para información y para que se adopten las medidas pertinentes

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), celebrará un Cursillo avanzado sobre cambio climático y agricultura en el CRF de Bet Dagan (Israel) del 6 al 19 de junio de 2014.

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. 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, destinadas a sufragar los gastos de alojamiento en régimen de pensión completa (habitación ocupada por dos personas) durante todo el Cursillo, los derechos de matrícula y el 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.

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 mtc@ims.gov.il o gershteing@ims.gov.il a más tardar el **20 de abril de 2014**.

Le saluda atentamente.

(E. Manaenkova)
por el Secretario General

A los Representantes Permanentes (o Directores de los Servicios Meteorológicos o Hidrometeorológicos) de los Miembros de la OMM (PR-6759)

copias: Asesores hidrológicos de los Representantes Permanentes



ADVANCED WORKSHOP ON CLIMATE CHANGE AND AGRICULTURE

**Shefayim, Israel
6–19 June 2014**

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 be used also 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 curriculum of the workshop 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

Effects of climate change on agricultural production:

- Precipitation distribution and changes
- Extreme Events – Floods, Droughts, Frost and Heatwaves
- Phenological Effects

Agrometeorological techniques:

- Advanced irrigation methods
- Usage of marginal water
- Climate control in horticulture and livestock buildings

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 app. 200\$ per day (inc. insurance). Total for the whole period 2400\$.

5. Scholarships

Scholarships, covering accommodations at full board (two persons per room) during the duration of the workshop, tuition fees and field trip transportation will be provided for participants from developing countries, by the Government of Israel – MASHAV – Israel's Agency for International Development Cooperation.

6. Criteria

The Advanced Workshop is designed primarily for meteorological staff of National Meteorological and Hydrological Services engaged and interested in application of advanced agrometeorological methodologies and techniques in mitigating the effect 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. 25 Bet-Dagan 50250 Israel, with an e-mail to rmtc@ims.gov.il or to gershteing@ims.gov.il not later than the **21 April 2014**.



ADVANCED WORKSHOP ON CLIMATE CHANGE AND AGRICULTURE

SHEFAYIM, ISRAEL

6–19 June 2014

APPLICATION FORM

Section A: Personal Details

1. Country : _____
2. Title : Mr/Ms/Miss/Dr/Prof/_____
3. First Name (Given) : _____
4. Family name (surname) : _____
5. E-mail : _____
6. Telephone No. : _____
7. Fax No. : _____
8. Official Address : _____

9. Date of Birth : _____
10. Nationality : _____
11. Gender ☐ Female ☐ Male
12. Do you need an entry visa for Israel? ☐ No ☐ Yes

Section B: Qualification

13. Qualification (Certificates, diplomas, degrees, etc.):

14. Please indicate your English language skills:

	Excellent	Good	Fair	Poor	Nil
Speaking					
Reading					
Writing					

15. What other WMO courses have you attended in the last 5 years?

Section C: Work Experience

16. I work in
- ☐ National Meteorological and/or Hydrological Service (NMHS)
 - ☐ WMO Regional Training Center (RTC)
 - ☐ NMHS Training Center
 - ☐ University
 - ☐ Other (Please specify) _____

17. What is your job title? _____

18. How long have you been in this position? _____

19. I am a
- ☐ Meteorologist
 - ☐ Hydrologist
 - ☐ Other (Please specify) _____

Section D: Rationale for Applying

20. How are you involved in Hydrometeorology in your position?

21. Why do you want to attend this workshop? Be specific about how it will help you in your work.

22. Statement by candidate on how she/he anticipate using the knowledge and skills from this workshop in the work after the workshop?

Place: _____

Date: _____

Signature of the Candidate: _____

To be completed and returned as soon as possible to the Organization Committee **not later than 20 April 2014** to:

Mr Giora. G. Gershtein,

IMS/WMO RTC Bet Dagan, Bet Dagan 50250, POB 25, Israel

E-mail: gershteing@ims.gov.il; mtc@ims.gov.il

Phone: +97239403134; Mobile: +9720506212099

Include a short CV (last 5 years) with the present form
