

ICTP – [The Abdus Salam International Centre for Theoretical Physics](#), Trieste, Italy

smr1303/Announcement

Advanced Course:

CLIMATE CHANGE IN THE MEDITERRANEAN REGION

Part I: Physical Aspects

12 - 16 March 2001

Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP) is sponsoring an advanced course on "Climate Change in the Mediterranean Region. Part I: Physical Aspects", to be held from 12 to 16 March 2001, in Trieste, Italy. The course is co-sponsored by the European Project RICAMARE (with funding from the EC/DG Research and START programmes).

The course is being organized by G. Begni (MEDIAS-FRANCE) and F. Giorgi (ICTP, Italy).

Tutorial lectures on the following topics are scheduled:

- € Physical principles of climate change
- € Main climate driving forces in the Mediterranean region
- € Representation of climate variability in General Circulation Models (GCMs)
- € Effects of greenhouse gas concentration on climate
- € Effects of vegetation, including deforestation and afforestation, on climate
- € Aerosols in the Mediterranean, their origin and climatic effects

Lecturers will include:

M. De Castro (Universidad Complutense de Madrid, Spain), L. Dumenil

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(Center for Land-Ocean-Atmosphere Studies, Institute for Global Environment Safety, Maryland, U.S.A.), H. Le Treut (Université Pierre et Marie Curie, Paris, France), E. Ozsoy (Institute of Marine Sciences, Middle East Technical University, Icel, Turkey), S. Planton (Meteo-France, Paris, France), J.F. Royer (Meteo-France, Paris, France).

The advanced course is intended primarily for scientists and graduate students working in the areas of Atmospheric Physics and Chemistry, Climatology, Chemistry, Physics and Mathematics. It is open to scientists from all member countries of the United Nations, UNESCO and IAEA. Although the main purpose of the Abdus Salam ICTP is to help researchers from developing countries through a programme based on international cooperation, students and scientists from developed countries are also welcome to attend. The course is part of a medium term plan to build a cooperative research network in the Mediterranean on global change research. The course will be conducted in English.

Limited funding (including travel grants) for participation in the course is available, mostly for scientists from developing countries. There is no registration fee. Individuals interested in participating in the course should submit an application to arrive no later than 17 November 2000.

The "Request for Participation" form can be obtained either by:

- 1) Accessing the web page <http://www.ictp.trieste.it/~pwc/course-1.html> and downloading the form or
- 2) Sending an e-mail message to smr1303@ictp.trieste.it with the subject "get application". You will automatically receive the form via return e-mail.

Please send your completed application form via e-mail, fax, or post to:

the Abdus Salam International Centre for Theoretical Physics (ICTP)

Climate Change in the Mediterranean Region, Part I

(c/o Pandora Pieri) Strada Costiera 11, 34014 Trieste, Italy

Tel: +39 040 2240 374

Fax: +39 040 2240 449

Should you have any questions concerning the application or other practical matters, please contact the course secretary via e-mail at smr1303@ictp.trieste.it

 BACK to [ICTP.smr1303](#)