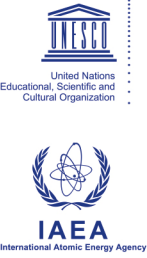




The Abdus Salam
**International Centre
for Theoretical Physics**
www.ictp.it



SCHOOL ON MODELLING TOOLS AND CAPACITY BUILDING IN CLIMATE AND PUBLIC HEALTH

**JULY 20 - 31, 2015
RIO DE JANEIRO, BRAZIL**



The Abdus Salam International Centre for Theoretical Physics (ICTP), Italy, in collaboration with the host Oswaldo Cruz Foundation (Fiocruz), IRI at Columbia University, and the Catalan Institute of Climate Sciences (IC³), is organizing a School on "Modelling Tools and Capacity Building in Climate and Public Health" to be held from July 20 to 31, 2015 in Rio de Janeiro State, Brazil.

OBJECTIVES

A number of diseases with high socioeconomic impacts have significant environmental drivers. Although there is a wealth of environmental remote sensing data freely available via the internet, these data are rarely converted to health-specific prediction models, to form planning and mitigation actions. This workshop aims to introduce several tools that can be used to access, visualise and analyse these datasets, and to show how such data can be extracted and converted into a format suitable to input into health early warning systems.

Participants will be given a range of lectures from experts in the fields of: fundamentals of environmental and public health interactions; use of observational, model and forecast climate data; remote sensing as a tool to manage environmental data; exploratory data analysis; time and space statistical modelling. All participants are encouraged to bring specific scientific questions and data that could be analysed in their final project. A statement on the health problem of interest to the student will be part of the selection process.

PARTICIPATION

Scientists and students from countries which are members of the United Nations, UNESCO or IAEA, may attend the School subject to approval by the activity Directors. The School is intended for early career scientists and advanced Ph.D students from Latin America and the Caribbean, and other Portuguese or Spanish speaking countries. However, as the classes will be conducted in English, participants should have an adequate working knowledge of that language. For the practical sessions, Portuguese and Spanish speaking tutors will be available.

Although the ICTP mandate is to help researchers from developing countries through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to. There is no workshop registration fee.

As a rule, all sponsored participants will stay in the hotel where the workshop will take place, with complete board. Travel expenses from their home town to Rio de Janeiro should be borne by the home institutions, however, in some cases limited travel support may be provided.

The on-line application form can be accessed via the ICTP activity page at:
<http://indico.ictp.it/event/a14271/>

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DEADLINE
February 28, 2015