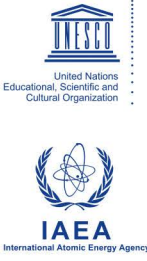




The Abdus Salam
**International Centre
for Theoretical Physics**
www.ictp.it



REGCM TRAINING WORKSHOP FOR SOUTHEAST ASIA

MAY 25 - 29, 2015
MANILA, THE PHILIPPINES



The Abdus Salam International Centre for Theoretical Physics (ICTP), Italy, in collaboration with the host Manila Observatory and the Ateneo de Manila University, is organizing a "RegCM Training Workshop for Southeast Asia" to be held from May 25 - 29, 2015 in Manila, The Philippines.

OBJECTIVES

Southeast Asia is characterized by the presence of islands with very complex topographical features. These substantially affect local climates as well as the spatial distribution of quantities such as temperature, precipitation and extremes. For this reason, climate simulations over South East Asia require high spatial resolution, well beyond that achievable by today's Global Climate Models (GCMs). Regional Climate Models (RCMs) can fill this resolution gap, and thus represent important tools to simulate climate variability and change over the region. Despite this potential, to date the use of RCMs over the South East Asia region has been relatively limited, partly because of the necessity to build know-how and computing resources in the region. This workshop aims at improving this problem by providing both theoretical and practical training on the use of RCMs over South East Asia.

Theoretical lectures will cover the fundamentals of climate modeling and climate change, focusing in particular on the climate of the region and on the use of RCMs. The lectures will be complemented by lab sessions in which the participants will be introduced to the use of the ICTP regional model RegCM4, and will carry out small guided projects with the model. A further aim of the workshop is to build a community of users of the RegCM4 system for the South East Asia region towards strengthening its participation to the COordinate Regional Downscaling EXperiment - SouthEast Asia (CORDEX-SEA).

PARTICIPATION

Scientists and students from countries which are members of the United Nations, UNESCO or IAEA, may attend the workshop subject to approval by the activity Directors. The School is intended for early career scientists and advanced Ph.D students from developing countries, in particular Southeast Asia. As the classes will be conducted in English, participants should have an adequate working knowledge of that language.

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 attend. As a rule, travel and subsistence expenses of the participants should be borne by the home institution. Every effort should be made by candidates to secure support for their fare (or a least half-fare). However, limited funds are available for some participants who are nationals of, and working in, a developing country. There is no workshop registration fee.

The on-line application form can be accessed via the ICTP activity page at:
<http://indico.ictp.it/event/a14269/>

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DEADLINE
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