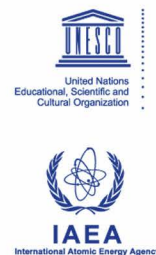




The Abdus Salam
**International Centre
for Theoretical Physics**
50th Anniversary 1964–2014



First Workshop on Climate Variability, Change and its Modelling over Central America and Mexico

10 - 14 November 2014

CICESE, Ensenada, Mexico
(<http://climatevariability.cicese.mx>)

Mexico and Central America are vulnerable regions to extreme climatic events that causes socio-economical and natural disasters. Central America is a hot spot for climate change impact (Giorgi, 2006), being one of the most vulnerable regions in the world to climate change. Recent simulations performed with RegCM, contributing to the Coordinated Regional climate Downscaling Experiment (CORDEX) over Central America have shown that the use of regional climate models allows for a better representation of the local climate features and meso-scale phenomena, such as for example, tropical cyclones compared with coarser resolution Global Models. Therefore, the main purpose of the workshop will be to provide extensive sessions focused on the implementation of techniques to carry out analysis of climate variability and climatic change in this area. The use of the regional climate model RegCM4 model will be shown as a tool to study climate-related phenomena at high resolution.

This workshop will be organized with lectures and lab sessions which intend to provide a background on climate studies focused over Central America and Mexico, addressing issues like theory of regional climate dynamics and climatic change.

One aim of the workshop is to start a community of users of Regional Climate Modeler focused over Mexico and Central America inline with the CORDEX framework. A limited number of participants is envisioned, with proven experience in handling climate data, and that have interest in starting to use the RegCM4 as a tool for regional climate studies.

Participation

Scientists from all countries that are members of the United Nations, UNESCO or IAEA may attend the Workshop. Although the main purpose of the Centre is to help research workers 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 at least half-fare). However, limited funds are available for some participants, who are nationals of, and working in, a developing country. Such support is available only for those who attend the entire activity. There is no registration fee.

How to Apply

The Online Application Form can be accessed at the ICTP activity website:

http://cdsagenda5.ictp.it/full_display.php?ida=a13256

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

Activity Secretariat

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INVITED SPEAKERS

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**Tereza Cavazos Pérez,
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DEADLINE
for requesting participation

1 August 2014