



The Abdus Salam

**International Centre
for Theoretical Physics**

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**Workshop on
CLIMATE AND IMPACT MODELLING
FOR EASTERN AFRICA:
CLIMATE, WATER, AGRICULTURE AND HEALTH**

October 28 to November 8, 2013

Addis Ababa, Ethiopia

Following the success of the first two ICTP-AAU collaborative workshops on East African regional climate and impact modelling, Addis Ababa University and the Earth System Physics Section of ICTP are organizing the third workshop to provide lectures and laboratory classes on climate and impact modelling.

The workshop in particular will focus on the following themes:

- The use and uncertainty of remote-sensing observational datasets
- Climate variability and climate change on various time scales
- Theory and use of regional climate models for downscaling seasonal forecasts from major climate prediction centers and long term climate projections from CMIP5 datasets
- Uses of GIS modelling tools in climate and impacts research
- Health impacts using dynamical (VECTRI) and statistical modelling with a particular focus on malaria and dengue
- Evaluation and prediction of vegetation: challenges and opportunities of modeling under evolving climate conditions

The programme lasts two weeks, with lectures and talks given in the mornings and laboratory classes in the afternoons. The themes of vegetation and health impact modelling will be taught in parallel sessions, with the participants free to select their preferred research activity.

Who Should Apply

Attendance is open to scientists and graduate students working in the area of East African climate and climate impact modelling specifically on health or agriculture. Limited funds are available to support participants from Greater horn of Africa. Participants will have a chance to present their own research in a poster session during the workshop.

Participation

The workshop will be conducted in English. No registration fee is required.

The on-line application form can be accessed via the ICTP activity agenda page at:

http://cdsagenda5.ictp.trieste.it/full_display.php?ida=a12237

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DEADLINE
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