



The Abdus Salam
International Centre for Theoretical Physics



First ICTP-West African Workshop on *Regional Climate and Impacts*



16 - 20 January 2006

University of Ghana

Accra, Ghana

The Abdus Salam International Centre for Theoretical Physics (ICTP) and the Institute of Mathematical Sciences, Ghana, are co-organising the **First ICTP West African Workshop on “Regional Climate and Impacts”** to be held **from 16 to 20 January 2006**, at the University of Ghana, Accra, Ghana.

The main objective of the workshop is to establish regional climate modeling capacity in the West Africa using the ICTP Regional Climate Model (RegCM3). A key focus of the workshop is to promote interdisciplinary and integrated research collaboration between scientists in the region in the fields of regional climate and impacts. This community will form the basis of an African regional climate research network aimed at developing and carrying out relevant research projects.

The workshop will cover general topics in regional climate processes and impacts focusing on West Africa. Specific topics to be covered include:

- The physical processes that regulate regional climates;
- Regional climate modeling and the ICTP RegCM3;
- Climate change and seasonal prediction at the regional scale;
- Biosphere-atmosphere interactions;

- Climate impacts on hydrology, agriculture and air quality;
- Extreme events, flood and drought.

The Workshop will also address infrastructural problems faced by West African scientists and opportunities for further collaborative research on the above-mentioned topics.

The Workshop will be directed by Joseph Intsiful (ZEF, Bonn), Jeremy Pal (ICTP, Italy), Filippo Giorgi (ICTP, Italy) and Francis Allotey (IMS, Ghana).

Invited lecturers and resource persons include:

- Dr. **Gyedu-Essandoh**, Ghana Energy Commission, Accra, Ghana
- Prof. **Filippo Giorgi**, ICTP, Trieste, Italy
- Prof. **Bill Gutowski**, Iowa State University, USA
- Dr. **Jeremy Pal**, ICTP, Trieste, Italy
- Dr. **Joseph D. Intsiful**, Center for Development Research, University of Bonn, Germany
- Dr. **Charles Rodgers**, Center for Development Research, University of Bonn, Germany

The workshop is intended for researchers and graduate students from the West Africa working in the areas of environmental and atmospheric sciences, physics, and mathematics.

A total of approximately 30 participants are envisaged. The activity will be conducted in English. ***Registration is free-of-charge.***

Participation is by invitation only.