



in cooperation with  
GAIM – IGBP and WGCM – WCRP



Announcement and Call for Papers

## International Conference on Earth System Modelling

(formerly “International Conference on Modelling of Global Climate Change and Variability”)

### 15 –19 September 2003

Four years after the Fourth International Conference on Modelling of Global Climate Change and Variability, we are pleased to invite the scientific community involved in earth system research to meet in Hamburg. The conference addresses global, regional and reduced complexity modelling. It will provide an opportunity to present new results in this field and to discuss recent developments and plans for the future.

The Program Committee invites contributions on any of the following subjects:

#### A. Development and Evaluation of Comprehensive Earth System Models

- 1) Atmosphere, Oceans and Sea-Ice
- 2) Atmospheric Chemistry (Aerosols, Sulphur Cycle, Ozone, etc.)
- 3) Biosphere in the Climate System
- 4) Modelling Paleo-Environments
- 5) Data Assimilation and new Earth System Data Sets
- 6) The Human Dimensions in the Earth System

#### B. Variability of the Coupled Earth System at Different Time Scales

- 1) Seasonal to Interannual Time Scales
- 2) Decadal to Centennial Time Scales
- 3) Changes in Variability Modes as seen in Records and Modelling Studies of Past Climates

#### C. Anthropogenic Climate Change

- 1) Detection and Attribution
- 2) Climate Change Prediction
- 3) Simulation of Historical Climates
- 4) Greenhouse Gases, Aerosols, Land Use Change in the Present, Past and Future
- 5) Assessing the Risk of Extreme Events and Singularities
- 6) Integrated Assessments

Each subject covers global as well as regional aspects and will be introduced by an invited lecture.

Abstracts for reviewing should be sent via web by the Internet address listed below.

**In order to receive further circulars for this conference, please return the form before 15 December 2002.**

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