



**Divecha Centre for Climate Change
Indian Institute of Science
Bangalore**



Eight Jeremy Grantham Lecture On High Resolution Modelling Of Climate Change

We use a high-resolution atmospheric general circulation model (AGCM)–RCM system to minimize systematic biases. The future climate is calculated with the “future” boundary conditions (sea surface temperature (SST) and sea-ice), which are created by adding their future changes projected by AOGCM to the observed present-day values. A Meteorological Research Institute AGCM with 20-km grids is applied to project future changes in weather and climate extremes such as tropical cyclones and rain systems that cause heavy rainfall and strong winds at the end of the 21st century.

Dr. Akio Kitoh
Senior Researcher,
Faculty of Life and Environmental Sciences,
University of Tsukuba, Japan.



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DIVECHA CENTRE FOR CLIMATE CHANGE AUDITORIUM,
INDIAN INSTITUTE OF SCIENCE, BANGALORE

All are welcome