

气候变化科学前沿论坛 系列报告之261

Seminars on Climate Change and Variability
September 1, 2008, Beijing

1. Titles and Lecturers

(1) Strategies for Describing Change in Storminess

Hans von Storch, Ph.D., Professor for Meteorology at the University of Hamburg, Director of the Institute for Coastal Research in Geesthacht

(2) Challenges in Climate Model Applications

Jin-Song von Storch, Ph.D., Max-Planck Institute for Meteorology in Hamburg

2. Time and Venue

14:30-17:30pm, September 1, 2008

Meeting Room 1214, Laboratory for Climate Studies, CMA, National Climate Center, Scientific Building, 46 Zhongguancun Nandajie, Haidian District, Beijing

3. Chair

Guoyu Ren, Ph.D., Professor, Laboratory for Climate Studies, CMA, National Climate Center, China

4. Brief Introduction of the Seminars

(1) Hans von Storch will talk about the determination of changing storm conditions which directly impact on storm surges and waves. The description is difficult because almost no long homogeneous series of observations of strong winds exist. Storch and his group have developed two strategies to deal with the problem. He will present the methodology of the two approaches and the research results of long-term change and variability in storminess by using the methods.

(2) Jin-Song von Storch will address three challenges emerging recently in model applications. These are respectively the technique of decadal climate predictions, the large number of tunable parameters in climate models which has not been noticed until recently, and the increasingly higher resolutions of models which have not brought about the obvious 'added values'. Nature of the challenges and strategies to solve these problems will be discussed in some details.

主 办：中国气象局气候变化中心
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欢迎参加！