

Preface

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This is a special issue for the series of Joint Workshops between the Institute of Atmospheric Physics (IAP) of the Chinese Academy of Sciences (CAS) and the National Institute of Meteorological Research (NIMR) of the Korea Meteorological Administration (KMA). The purpose of IAP-NIMR Joint Workshops is to promote scientific and technical cooperation between the two institutes in the field of meteorological research. The first joint workshop was held in 1999 under the great efforts of Dr. Ronghui Huang in IAP and Dr. Sung-Eui Moon, the late former administrator of KMA. In 2001, the two institutes, represented by Dr. Huijun Wang (director-general of IAP) and Dr. Hyo-Sang Chung (director-general of NIMR), reached an agreement of bilateral cooperation, regularized the IAP-NIMR Joint Workshops. Since then, a regular joint workshop is held between the two sides at each year alternatively hosted by each side.

During the Seventh IAP-METRI (former name of NIMR) Joint Research Workshop in 2007, two institutes decided to prepare a series of papers based on the presentations at a couple of recent joint workshops for a special issue of the *Advances in Atmospheric Sciences*, to celebrate the coming 10th anniversary of the joint workshops. After regular reviews, 16 papers finally have been accepted as the special issue. These papers deal with a wide scope of research topics, including numerical modeling, climate variability and climate change, atmospheric dynamics, remote sensing, atmospheric chemistry and environment, and applied meteorology. These topics have been the main themes of past IAP-NIMR Joint Workshops.

Drs. Hyo-Sang Chung, Riyu Lu, Baek-Jo Kim contributed much to the special issue. We highly appreciate them for their contributions. We'd also like to take this opportunity to thank all who have contributed to successful joint workshops.

After 10 years from its beginning, the IAP-NIMR Joint Workshops are playing more and more important roles in promoting the bilateral cooperation. We believe that such cooperation is to be further strengthened and, in this sense, this special issue is a stepping stone in that direction.

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