Special Issue

Monsoons

Message from the Guest Editor

Monsoon climates affects 2/3 of world population's daily lives. Monsoon precipitation is a key element in global water and energy cycles and a major driver for atmospheric general circulation. Monsoon prediction is the most challenging problem in climate science. Moreover, a number of studies in recent years have drawn attention to the increasing intensity of heavy rainfall events, heat waves and severe droughts over monsoon regions. It has been required that the monsoon scientists should sharpen predictions of start date and intensity of monsoons and how monsoon will respond to climate change. This Special Issue is expected to advance our understanding and provide reliable analysis and prediction for the regional monsoons and their changes on various time scales rom the past to future. Therefore, we invite authors to submit original and review articles that aim to study the monsoons and their variability including extremes, such as drought, dry spell, flooding, heat waves, and so on, over monsoon areas.

Guest Editor

Prof. Dr. Kyung-Ja Ha

Department of Atmospheric Sciences , Research Center for Climate Sciences and IBS Center for Climate Physics, Pusan National University, Busan 46241, Korea

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Atmosphere
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

Dr. Daniele Contini
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

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