Special Issue

Multiscale Ocean Dynamic Process and Its Associated Air-Sea Interaction in the Indo-Pacific Ocean

Message from the Guest Editors

The Indo-Pacific Ocean is one of the most active air–sea interaction areas in the tropic. Its large-scale circulation exhibits seasonal shifts under monsoon forcing and strait water exchange. Due to its vast area and importance as a climate variability regulator, the circulation variability of the Indo-Pacific Ocean and its associated air–sea interaction significantly modulate the climate and weather changes in the surrounding regions. To better understand the multiscale Indo-Pacific Ocean dynamic process and its associated air–sea interactions, we expect that outstanding scientists from all around the world and from all related areas can gather and exchange ideas and concerns from different aspects.

Guest Editors

Dr. Qiang Wang

State Key Laboratory of Tropical Oceanography, South China Sea Institute of Oceanology, Chinese Academy of Sciences, Guangzhou, China

Dr. Rui Shi

State Key Laboratory of Tropical Oceanography, South China Sea Institute of Oceanology, Chinese Academy of Sciences, Guangzhou, China

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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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