Special Issue

Regional Climate Modeling: Ocean–Atmosphere Coupling

Message from the Guest Editors

We would like to invite you to contribute to a Special Issue of Atmospheres that will be dedicated to the field of ocean–atmosphere interactively coupled regional climate modeling. The Special Issue will elucidate developments in coupled regional climate models and simulations. Both modeling studies on climate processes and studies on model evaluation and intercomparison are welcome. Manuscripts may also focus on climate predictions (from seasonal to centennial) using ensembles of coupled climate simulations and are not limited to specific areas. Studies using high-resolution simulations that, e.g., provide a better representation of processes close to the coast are encouraged. In addition, nesting and coupling strategies of different climate compartment models and new analysis techniques for the investigation of complex coupled systems applied to the air–sea challenge are of high interest.

Guest Editors

Professor Bodo Ahrens

Institute for Atmospheric and Environmental Sciences, Goethe University Frankfurt am Main, Frankfurt, Germany

Dr. Anika Obermann-Hellhund

Institute for Atmospheric and Environmental Sciences, Goethe University Frankfurt am Main, Frankfurt, Germany

Deadline for manuscript submissions

closed (31 January 2020)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/24721

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

mdpi.com/journal/atmosphere

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/journal/atmosphere

About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q2 (Environmental Science (miscellaneous))

MDPI