

Special Issue

Atmospheric Aerosols and Climate Impacts

Message from the Guest Editors

To advance our understanding of the role of atmospheric aerosols in climate change, we are pleased to announce a call for papers for the Special Issue on “Atmospheric Aerosols and Climate Impacts”. This issue aims to provide a platform for researchers to share their latest findings and advancements in this area. In order to promote a diverse range of perspectives and approaches to this topic, we welcome submissions from researchers in both field measurements and simulation studies. We encourage researchers to submit papers on the following topics or any other relevant research associated with atmospheric aerosols and their impact on climate. Topics of interest for the Special Issue include but are not limited to:

- The investigation of physical and chemical properties of ambient aerosols;
- Aerosol formation mechanisms;
- The ice-nucleating ability of particles;
- The impact of aerosols on climate.

Guest Editors

Dr. Jingsha Xu

Dr. Lei Liu

Dr. Shanshan Tang

Deadline for manuscript submissions

closed (31 August 2023)



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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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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

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