



Aerosol–Light Interactions; Radiative Absorption and Emission by Particles of Atmosphere

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Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

As demonstrated by the IPCC report, the role played by aerosol particles in climate is crucial since they are one of the main sources of uncertainty in radiative forcing calculations. Although aerosol–light interactions have vital importance in climate change, the understanding of some interactions by the scientific community is low.

Given the importance of the topic, the open-access journal *Atmosphere* is hosting a Special Issue to showcase all aspects of research related to radiative absorption and emission by particles of the atmosphere and invites you to submit papers across the broader spectrum of aerosol–light interactions: climate change, remote sensing, radiative transfer modeling, particle scattering or absorption measurements. This Special Issue aims to be an international forum for further research collaboration. Moreover, the submission of research work by interdisciplinary teams and multi-country groups is of significant interest.





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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!

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