

## Special Issue

# Atmospheric Composition and Cloud Cover Observations

### Message from the Guest Editor

This Special Issue of *Atmosphere* aims at presenting recent achievements in observations of clouds and atmospheric composition. The main focus is on remote sensing and in situ observations at local, regional, or global scale; however, these can be accompanied by modeling approaches and simulations. Scientific articles are invited that investigate the optical, chemical, and physical properties of clouds and cloud cover, and their relation to aerosol content, environmental conditions, or the more eccentric drivers of solar and electric origin. Contributions discussing the impact of cloud cover on atmospheric measurements or link of trace gases variability to natural and anthropogenic processes are equally welcome. Researchers are invited to present the results of the recent pan-European research initiative ACTRIS (Aerosols, Clouds, and Trace Gases Research Infrastructure).

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### Guest Editor

Prof. Dr. Mirela Voiculescu

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### Deadline for manuscript submissions

closed (15 October 2019)



## Atmosphere

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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!

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### Editor-in-Chief

Dr. Daniele Contini

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