Special Issue

Satellite Remote Sensing Applied in Atmosphere

Message from the Guest Editors

Aerosols have catalytic impacts on the solar radiation budget, cloud formation, and microphysics, affecting the weather and climate worldwide, and they therefore need to be efficiently and accurately monitored from space. The accuracy assessment of any type of satellite data and products, their spatiotemporal analyses in different topics of atmospheric sciences and meteorology, relative satellite-based applications, innovative techniques and methods that promote satellite remote sensing in an atmospheric environment, and weather events, are therefore, challenging research areas. Studies dealing with these topics, based on remotely sensed data and products derived from satellites, are welcome to this Special Issue, to which authors are cordially invited to submit and publish their research findings.

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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

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