

Special Issue

Satellite Precipitation Uncertainty

Message from the Guest Editors

This Special Issue aims to publish research helping to clarify satellite precipitation uncertainty from a broad perspective. We invite researchers to contribute papers dealing with all aspects of satellite precipitation development, assessment, and application over regional or global domains. In particular, original research articles or review articles exploring the performance of various satellite precipitation products (CMORPH, CHIRPS, CloudSat, MSWEP, PERSIANN, GSMaP, IMERG, TMPA, etc.) over complex terrain are welcome. Topics of interest include, but are not limited to:

- Quantitative precipitation estimation;
- Spatial and temporal characteristics of satellite precipitation;
- Extreme precipitation events (front, tropical cyclone, etc.);
- Validation of precipitation simulation (global climate models, regional climate models, weather forecasting models, reanalyses, etc.) using satellite precipitation products;
- New methods applied to reduce satellite precipitation uncertainty.

Guest Editors

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Dr. Nikolaos S. Bartsotas

Deadline for manuscript submissions

closed (25 November 2021)



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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

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