



Satellite Microwave Remote Sensing for Severe Storms Detection

Guest Editors:

Dr. Sante Laviola

National Research Council of Italy (CNR), Institute of Atmospheric Sciences and Climate (ISAC), Bologna, Italy

Dr. Yalei You

Earth System Science Interdisciplinary Center/Cooperative Institute for Climate and Satellites, University of Maryland, College Park, MD, USA

Deadline for manuscript submissions:

closed (30 September 2022)

Message from the Guest Editors

Dear Colleagues,

The last two decades have seen significant increasing precipitation products from satellite microwaves. New architectures of passive and active satellite sensors provided accurate measurements of precipitation by improving the retrieval of frozen hydrometeors. Currently, a wide range of microwave sensors orbiting around the Earth offers an unprecedented opportunity to investigate precipitating systems by identifying cloud-scale details useful to better classify cloud types and evaluate the severity degree of storms.

This Special Issue will publish contributions from research, operational products, and data assimilation capabilities of microwave satellites used in support of the investigation of severe storms. Studies that address connections with essential climate variables are particularly welcome. Contributions from CubeSat applications and theoretical studies with new microwave sensors onboard future satellite missions are also strongly encouraged.





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Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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