Special Issue

Satellite Remote Sensing of Weather, Water and Climate Couplings and Phenomena

Message from the Guest Editors

Satellite remote sensing is a robust tool to understand coupled weather, water and climate phenomena at multiple scales. The temporal and spatial scales involved go from those of isolated (e.g. extreme, short) events to that of multi-decadal variability. Moreover, these phenomena deeply condition human society from the economic and environmental sustainability points of view. This special issue will contain contributions in the above-cited phenomenology, carried out utilizing remote sensing tools, which consent to address these phenomena because of their exceptional spatial-temporal coverage. Studies using remote sensing data coupling with forecast models are also welcome, as well as studies combining phenomenological results and societal impact. Specific topics include: coastal renewable energy assessment, storm-induced coastal and inland flooding, flood hazard mapping, atmospheric coastal frontal system detection, SAL detection, multi-scale storm phenomena components, atmospheric rivers and new uncharted uses of different types of remotely-sensed imagery for pattern recognition.

Guest Editors

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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