

Special Issue

Remote Sensing of Hydrological Extremes

Message from the Guest Editors

With the technological advances and the development of new types of sensors/satellites (like Soil Moisture Active Passive (SMAP), Gravity Recovery And Climate Experiment (GRACE) Follow On, Cyclone Global Navigation Satellite System (CYGNSS), SENTINEL 1, 2 and 3 and many others), remotely-sensed observations offer new opportunities to accurately monitor hydrological extremes such as floods, tidal bores and droughts, as well as their causes (exceptional rainfall/snowfall or deficit, long term changes due to climate change or human activities, impact on ecosystems and riparian forest). The great diversity of satellite observations from atmospheric soundings to gravimetry from space measurements provide now and in the future a wide range of information on both the storage in hydrological reservoirs and the fluxes between water cycle compartments. This Special Issue aims to present reviews and recent advances of general interest in the use of remotely sensed observations for the monitoring of hydrological extremes and these consequences. Manuscripts can be related to any aspect of remote sensing technique or hydrological applications.

Guest Editors

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Dr. Fabrice Papa

Deadline for manuscript submissions

closed (31 August 2019)



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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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