



Remote Sensing of Hydrological Extremes

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Deadline for manuscript
submissions:

closed (31 August 2019)

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.





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Message from the Editor-in-Chief

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