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Droughts and Floods Assessment and Monitoring Using Remote Sensing and Geospatial Techniques

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Deadline for manuscript submissions:
closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

Droughts and floods are very common phenomena that frequently occur in various places across the world. Here, the objective is to bring together scientist(s)/researcher(s) working on this topic, aiming to highlight ongoing research investigations and new applications in the field. Within this framework, the editors of this Special Issue would like to invite both applied and theoretical research contributions, submissions of original works furthering knowledge concerned with any aspect of the use of remote sensing and/or geospatial technologies in droughts and/or floods. Note that these manuscripts must be not only unpublished, but also not under consideration for potential publication elsewhere. In the case of the remote sensing data, the manuscripts may use data acquired by optical, thermal, hyperspectral, active and passive microwave platforms using either airborne or spaceborne remote sensing platforms.

Keywords: Drought monitoring; Flood monitoring; Forecasting of flood danger/risk; Forecasting of drought danger/risk; Drought-induced damage assessment; Flood-induced damage assessment; Geospatial techniques

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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