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The Use of Smart Technologies and Internet of Things Infrastructure for Water Resources Monitoring and Management

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Deadline for manuscript
submissions:

30 September 2021

Message from the Guest Editor

Recent technological advancements have facilitated the development of efficient, low-cost sensors and automatic measurement platforms that allow monitoring of water resources in high spatial and temporal scales. Telecommunication technologies and the development of Internet of Things infrastructure have provided the opportunity for near real-time monitoring of water quantity and quality, offering early warning and adaptive water management capabilities. Key parameters such as water level, discharge and physicochemical properties are nowadays measured with a variety of smart, low-cost sensors, radar systems, remotely operated - aerial or floating - vehicles and satellites [...]

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Special Issue



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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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CiteScore (2019 Scopus data): **3.0**, which equals rank 82/217 (Q2) in 'Water Science and Technology', rank 88/219 (Q2) in 'Aquatic Science' and rank 147/679 (Q1) in 'Geography, Planning and Development'.

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