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Arsenic, Fluoride and Emerging Contaminants: Groundwater Quality and Water Security in the Indian Sub-Continent

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Deadline for manuscript submissions:

closed (15 October 2022)

Message from the Guest Editors

Dear Colleagues,

Water security is a critical issue globally and particularly for countries on the Indian sub-continent. Many of the challenges being addressed relate to water supply and water quantity, but with an increasing reliance on groundwater for both drinking water and agriculture, water quality is also a critical aspect of this challenge, as well as being identified as a key Sustainable Development Goal. Groundwaters in the Indian sub-continent have been variably impacted by geogenic arsenic, fluoride and uranium as well as, particularly in shallow aquifers, by anthropogenic pollutants, notably emerging contaminants such as pharmaceuticals, lifestyle-related chemicals and antimicrobial resistance genes. This Special Issue will focus on all aspects of groundwater quality in the Indian sub-continent and how it impacts water security—these aspects include origin, distribution and distribution modelling, human exposure, modelling health and economic risks, and remediation/mitigation.

For further reading, please visit the [Special Issue Website](#).



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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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