Special Issue

Application of Risk Management and Modelling on Drinking-Water and Sanitation Systems

Message from the Guest Editors

Drinking-water and sanitation systems are key components in the protection of human health. Water quality is the end point of the pressure applied by critical drivers of vulnerability and, at the same time, the start point of an increased risk of water-related illnesses. Vulnerability drivers include climate, land use, overexploitation of resources, unsafe use of new sources of water, urban/rural population, and assets. In order to strengthen these systems, there is a need to model dynamic, adaptive measures that will consider all risk elements and be able to cope with a wide range of scientific disciplines. It is not only a problem of engineering or financial investments but of building a long-term risk management approach with consensus from stakeholders at all levels. This Special Issue of *Resources* deals with research related to risk management and modelling of water and sanitation systems. Papers in this area which address the pressures on drinking water systems and those which present measures to mitigate potential health implications associated with water quality and sanitation systems are warmly welcomed.

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Deadline for manuscript submissions

closed (22 February 2022)

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