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Risk Assessment and Decision Support in Drinking Water Systems

Guest Editors:

Dr. Andreas Lindhe

Department of Civil and Environmental Engineering, Chalmers University of Technology, 412 96 Göteborg, Sweden

Prof. Dr. Lars Rosen

Department of Civil and Environmental Engineering, Chalmers University of Technology, 412 96 Göteborg, Sweden

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Message from the Guest Editors

The supply of drinking water is of key importance in society. Hence, an efficient management of risks, including good decision support to guide implementation of mitigation measures and other actions, is needed to guarantee the safety and security of the drinking water supplies.

This Special Issue brings together emerging approaches, challenges and opportunities related to risk assessment and decision support in drinking water systems management. Although risk assessment and decision analysis methods are widely applied in different sectors of society, there is still a great potential for further development within the drinking water sector. There is a substantial need for both theory and method development relating to identification and assessment of drinking water system risks, related to the system as a whole as well as specific parts of the system; decision analysis of risk mitigation measures; and communication of risk. There is also a need for improvement of organizational structures to facilitate implementation of risk management in drinking water management organizations.



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Special issue



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Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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