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Call for papers:

Water Supply and Wastewater Management in Modern and Smart Cities

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Water management in urban areas is a complex task that requires not only efficient technical infrastructures for water supply and wastewater management but also multidisciplinary coordination across many sectors and authorities. On the other hand, rapid urbanization and development of modern and smart cities have considerably increased the demand for sustainable clean water and sanitation services. The lack of efficient wastewater treatment and drainage facilities, especially in developing countries, has also led to the pollution of surface and groundwater resources, which can subsequently cause severe environmental and ecotoxicological impact. There are also industries located in urban areas that create and discharge high amounts of effluents with various degrees of pollution load based on the production technology they use and the infrastructures they are equipped with for the treatment of the generated effluents.

This special issue concerns various aspects of the water supply and wastewater management in urban areas, especially in modern cities and calls for original research papers, short communications, and critical reviews which would bring novel contributions on the following topics of interest:

- Water supply in modern and smart cities; challenges, opportunities and sustainability considerations;
- Stormwater management in urban areas; water use and flood management;

- Spatial planning of water supply and wastewater treatment infrastructures;
 - State of the art drinking water and municipal wastewater treatment technologies (only review papers are accepted);
 - Modern tools for water and wastewater management in urban areas (geographic information system, multi-criteria decision making, scientometric studies, etc.);
 - Water management in urban areas and modern cities: standards and policies;
 - Circular economy in urban water management;
 - Urban water management and wastewater treatment in developing countries;
 - Industrial effluents in urban areas: origin and management.
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Please submit your full papers to: mohammadreza.kamali@kuleuven.be, xi.zhang@kuleuven.be

Extended deadline for full papers: 1 February 2022

** You may send your manuscripts any moment until the deadline. Early-bird submissions are encouraged.*

Deadline for full papers: 1 July 2021

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Online First publication – all manuscripts that are accepted for publication after revisions will be published online first (DOI included) and they will be fully citable.

Article Processing Charges – associated with the publication in the Journal of Settlements and Spatial Planning - 150Euro/article.

** A 25% fee waiver is applied to articles whose first authors are PhD or Master Students. Authors in this position should contact the editorial board and confirm their quality by providing a confirmation letter from the institution they are affiliated to.*