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Urban Hydrology and Urban Water Works under Rapid Urbanisation and Climate Change Conditions in Metropolitan Areas and Mega Cities

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The main aim of this Special Issue is to focus on advanced approaches regarding the integrated management of the entire freshwater supply chain in metropolitan areas and mega cities under rapid urbanization and climate change conditions. The focus is twofold as it has to do with both the quantity and the quality of the freshwater supplied. Urban water work design, efficiency monitoring, performance assessment techniques and protocols, optimization, and upgrading are also included as the water supply chain is considered as a whole, staring from the water abstraction point, up until the customers' taps. IoT and big data analysis techniques are essential in order for public participation to be guaranteed.

Prof. Dr. Vasilis Kanakoudis
Guest Editor