

Special Issue

Advances in the Monitoring, Diagnosis, and Optimisation of Water Systems

Message from the Guest Editors

In the context of global climate change, with the increasing frequency and severity of extreme events—such as draughts and floods—which will likely provide growing uncertainty to water demand and jeopardise its availability, utilities in charge of the management of water systems face new operational challenges because of increasing resource scarcity, intensive energy requirements, growing populations—especially in urban areas—costly and ageing infrastructure, increasingly stringent regulations and rising attention towards the environmental impact of water use. The shift from a linear to a circular economy and the need for a transition to a low-carbon production system represents an opportunity to address these emerging challenges related to water, energy, and the inefficient use of resources. For more information, please visit: mdpi.com/si/80960

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