# **Special Issue**

# Water Distribution Systems: Security, Resilience, Water Loss Management and Sustainability

## Message from the Guest Editors

The preeminent tenet of sustainable development is intergenerational equity, and it follows logically that the goal of sustainably managing water distribution systems unavoidably calls for the scrupulous and rigorous balancing of costs and other conflicting aims. considering the beneficiaries and other stakeholders. Water distribution systems (WDSs) are integral to the viability and sustainability of the populations they serve. and this Special Issue seeks to address WDSs from multiple perspectives as they relate to long-term sustainability. Examples include hydraulic capacity reliability; infrastructure resilience; cyber-physical security; contaminant intrusion and water quality security; water loss management; asset condition monitoring and management; digitalization plus operational and infrastructure data quality; and intermittent water supply system planning, design and operation. Contributions can encompass new methods, critical discussions, thought pieces or reviews of the latest developments and trends. Importantly, contributions from various disciplines and methodological approaches are encouraged.

#### **Guest Editors**

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### Deadline for manuscript submissions

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### Editor-in-Chief

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