

Special Issue

Innovations in Water Distribution Networks: Sustainability, Resilience, and Risk Assessment

Message from the Guest Editors

Water distribution systems represent the final stage prior to the human consumption of treated water.

Although they are critical in ensuring safe water supply to individual consumers, they do not always receive the attention that they deserve. Water distribution networks comprise a resource-intensive infrastructure with significant implications in the sustainability of the water supply system. Sustainability can be achieved through innovations in pipe networks, monitoring water quality, timely condition assessments, and maintenance. The vulnerability of widespread water distribution also places an emphasis on risk assessments, as water distribution networks provide a critical service to human health. This Special Issue aims to bring together innovations in sustainability, resilience, and risk assessments in water distribution networks.

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Deadline for manuscript submissions

closed (30 January 2026)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/212544

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