

Special Issue

Water Distribution System Biofilms – Challenges in Detection and Treatment

Message from the Guest Editors

This Special issue aims to gather a collection of papers focused on new strategies to of biofilm detection and treatment. We hope that this Special issue may contribute to disclose new promising approaches that could help as to prevent or eradicate bacterial biofilms in water distribution system. The topics of interest for this Special Issue include (but are not limited to):

- New approach in biofilm detection;
- Anti-biofilm materials in water system;
- Models for research biofilm in water systems;
- Nanoparticles and biofilm formation;
- Photodynamic treatment of biofilm;
- Bacterial enzymes in biofilm treatment;
- Opportunistic premise plumbing pathogens - microbial residents of drinking water distribution systems.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2025)



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Editor-in-Chief

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