

## Special Issue

# New Technologies for Sustainable Water and Wastewater Treatment

### Message from the Guest Editors

The sustainability of wastewater treatment systems can be assessed through different assessment tools. This Special Issue aims to discuss relevant articles pertaining to a nanoscale approach to water treatment and desalination, membrane-based technologies for water recovery and reuse, the energy and water nexus, the degradation of organic pollutants, nascent technologies, bio and bio-inspired materials for water reclamation and integrated systems, and an overview of wastewater treatment plants:

- A comprehensive review of current and novel water and wastewater treatment technologies from a sustainability perspective;
- All the sustainable technologies, such as desalination, wastewater treatment, advanced oxidation processes, hydrodynamic cavitation, membrane-based technologies, sonosorption, and electrospun fibers;
- Discussion on reference materials for important research accomplishments in the area of water and environmental engineering;
- Theoretical aspects covering principles and instrumentation;
- A summary on sustainability, including life cycle assessment (LCA), energy balance and large-scale implementation of advanced techniques.

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### Guest Editors

Prof. Dr. Shehdeh Jodeh

Dr. Ghadir Hanbali

Prof. Dr. Belkheir Hammouti

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### Deadline for manuscript submissions

closed (11 December 2023)



## Sustainability

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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

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