

## Special Issue

# Ecological Aspects and Biotechnology Applications in Wastewater and Pollutants Treatment

### Message from the Guest Editors

The mitigation of water scarcity is closely related with the efficiency of the applied treatments and the possibility of reusing the effluent when appropriate. In this Special Issue, the investigation of bioindicators regarding the operation of wastewater treatment plants (WWTPs) and their effluent quality is also included. Several pollutant stressors related to WWTP operation that affect receiving water bodies, including rivers and costal marine areas, are also welcome to be submitted to this Special Issue. For this Special Issue of *Sustainability*, we welcome manuscripts focusing on:

- Wastewater treatment technologies;
- WWTP design considerations;
- Advances in control technologies for wastewater treatment systems;
- Wastewater treatment modeling (numerical and data-driven);
- Sludge microbial ecology and bioindicators;
- Removal of micropollutants;
- Sludge treatment;
- WWTP efficiency assessment;
- Health status monitoring and modeling of receiving water bodies;
- Wastewater reuse practices and legislation;
- Biotechnological applications in pollutants' removal.

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### Guest Editors

Dr. Nikolaos Remmas

Dr. Marina Papadelli

Prof. Dr. Georgios Sylaios

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### Deadline for manuscript submissions

closed (15 May 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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