



## Ecological Aspects and Biotechnology Applications in Wastewater and Pollutants Treatment

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Deadline for manuscript submissions:

**closed (15 May 2023)**



### 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 coastal 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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## Message from the Editor-in-Chief

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