

Special Issue

Bioapplication of the Circular Economy Concept to Wastewaters

Message from the Guest Editor

I have the pleasure to introduce you to this Special Issue dedicated to the recovery and valorization of wastewaters, whose reuse in agronomic and industrial frameworks is receiving increasing interest due to the pauperization of freshwater resources. Among wastewater treatment strategies, biotechnologies play an important role by conventional activated sludge plants, specific pollutants biodegradation in dedicated processes, as well as the exploitation of the soluble organic fraction for the production of valuable products or energy vectors; in addition, several physical-chemical approaches can be applied for the recovery of molecules and nutrients, among them nitrogen and phosphorous. With all this in mind, I am very glad to invite you to contribute to this Special Issue through the submission of research papers and reviews concerning innovative applications for the valorization of wastewaters through the recovery of nutrients and valuable compounds, biological removal of contaminants, and biotechnological production of chemicals, biopolymers, and renewable energy.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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