## **Special Issue**

## Application of Biological Processes in Waste Treatment and Valorisation

## Message from the Guest Editor

The growing concern for environmental sustainability and the need for effective waste management have heightened the focus on innovative and efficient waste treatment methods. Biological treatments offer a promising avenue for addressing the complexities of waste treatment due to their eco-friendly and costeffective nature. This research area is crucial as it explores the use of microorganisms and natural processes to degrade, detoxify, and recycle waste materials, thereby reducing the environmental footprint of various industries while valorising waste. We are pleased to invite you to contribute to this Special Issue, where we aim to gather cutting-edge research and comprehensive reviews that advance our understanding and application of biological treatments in waste management. By sharing novel insights and developments, we hope to promote the adoption of these sustainable methods across different sectors.

## **Guest Editor**

Dr. Luciana Pereira

Department of Biological Engineering, University of Minho, 4710-057 Braga, Portugal

## Deadline for manuscript submissions

20 April 2026



# Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/212297

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/applsci





# Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



## **About the Journal**

## 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.

## **Editor-in-Chief**

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

## **Author Benefits**

## **Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

