

Special Issue

Advanced Adsorbents for Wastewater Treatment

Message from the Guest Editor

Clean drinking water is essential for the survival of all living organisms. In drinking water, contaminants such as metal ions, dyes, pharmaceuticals, and water-borne microbes have harmful health effects and substantial environmental concerns. Their removal from water is necessary for human health and environmental stewardship. This Special Issue aims to collect and present all breakthrough research on all wastewater treatment technologies. The scope of this Special Issue covers (but is not limited to) the following themes:

- Conventional and advanced water treatment technologies such as adsorption, degradation, membrane technology, etc.
- Microbial assays in wastewater treatment processes.

Guest Editor

Dr. Ntaote David Shooto

Applied Chemistry and Nano Science Laboratory, Department of Biotechnology and Chemistry, Vaal University of Technology, P.O. Box X021, Vanderbijlpark 1900, South Africa

Deadline for manuscript submissions

30 September 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/194861

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



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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)