



Development and Applications of Composite Materials and Membranes for Water Remediation and Monitoring

Guest Editors:

Dr. Hugo Salazar

BCMaterials, Basque Center for Materials, Applications and Nanostructures, Leioa, Spain

Dr. Andreina Garcia

Advanced Mining Technology Center (AMTC), Universidad de Chile, Santiago 8370451, Chile

Deadline for manuscript submissions:

closed (20 April 2024)

Message from the Guest Editors

Dear Colleagues:

Water is one of the most valuable resources on Earth. The contamination of water sources by chemicals released due to anthropogenic activities results in a critical threat to human health and the environment.

In the actual scientific framework, it is underlined that high-impact research works reporting on the implementation of affordable, environmentally friendly, and highly effective approaches for the removal of a wide range of contaminants are a keystone for scientific and technological evolution. The development of novel composite materials and membranes to address oil–water separation, desalination, biological, physical, or chemical processes for the remediation of heavy metals, organic dyes, contaminants of emerging concern, bacteria, or microorganisms is vital to achieve “clean water and sanitation for all”.

The aim of this Special Issue is to provide a platform to collect current innovations in terms of technological solutions, alongside the development of novel composite materials and membranes for the mitigation of various threats related to water remediation and monitoring.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI