Special Issue

Environmental Breakthroughs: Advanced Research on New Materials of Depollution Strategies for Water, Soil, Air, and Noise Pollution

Message from the Guest Editors

This Special Issue of *Materials* aims to compile research focused on environmental depollution, addressing pollution in water, soil, air, and noise. We welcome submissions that explore the chemical, physical, and biological characteristics of pollutants across various environments; present innovative materials and advanced technologies for the detection, monitoring, and remediation of pollutants; and adopt interdisciplinary approaches that integrate environmental science, engineering, and policy analysis. In addition, we seek review articles and meta-analyses that synthesize current knowledge and highlight future research directions. We also encourage the submission of studies that examine the socio-economic impacts of pollution and strategies for community engagement and environmental education, in addition to those that explore the application of novel materials in depollution processes and address emerging forms of pollution. This Special Issue hopes to further scientific understanding, foster innovative solutions, and inspire actionable strategies to combat pollution and protect environmental health.

Guest Editors

Dr. Diana-Carmen Mirila

Dr. Emilian Florin Moşneguțu

Dr. Claudia Tomozei

Dr. Ana Maria Rosu

Deadline for manuscript submissions

10 February 2026

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/246990

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)