# Special Issue

# Development and Modification of New or Recycled Materials and Technological Processes Toward Sustainable Development (Second Edition)

## Message from the Guest Editors

The aim of this Special Issue is to publish original research articles in areas related to the development and modification of new as well as recycled materials and their application possibilities. At the same time, studies focused on innovative technological methods for the processing and recovery of industrially important metals and their alloys, non-metallic materials and composites are also welcome. Additionally, innovative procedures for testing, increasing efficiency, and optimizing processes, aim to recover materials to improve the sustainability of earth's resources. Research in the field of any kind of materials will result in the improvement of the mechanical, chemical, electrical, magnetic, acoustic, and thermal properties of the materials, as well as the understanding of the interrelationship between the composition, structure, and properties of a material. Contributions that use the methods of multicriteria analysis or LCA assessment for comparing products and processes with a focus on environmental, technological, and economic aspects and impacts will also be greatly appreciated.

## Guest Editors

Dr. Pavol Liptai

Institute of Recycling Technologies, Faculty of Materials, Metallurgy and Recycling, Technical University of Košice, Letná 9, 042 00 Kosice, Slovakia

Prof. Dr. Jaroslav Briančin

Institute of Geotechnics, Slovak Academy of Sciences, Watsonova 45, 040 01 Košice, Slovakia

## Deadline for manuscript submissions

10 January 2026

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/198469

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

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# 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

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