



an Open Access Journal by MDPI

# **Advanced Sorbents for Clean Water Production**

Guest Editors:

### Prof. Dr. Carlos Manuel Silva

CICECO-Aveiro Institute of Materials, Department of Chemistry, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal

### Dr. Cláudia B. Lopes

Department of Chemistry and CICECO - Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal

#### Prof. Eduarda Pereira

Chemistry Department of University of Aveiro, Aveiro, Portugal

Deadline for manuscript submissions: closed (20 October 2022)

### Message from the Guest Editors

According to the UN, in 2017, an estimated 3 billion people worldwide lacked the ability to safely wash their hands at home—one of the cheapest, easiest, and most effective ways to prevent the spread of diseases like COVID-19. Furthermore, despite the scientific and technological progress witnessed over the last few decades, 2.2 billion people throughout the world still lack access to safely managed water. To fight against these numbers, one of the Sustainable Development Goals of the United Nations is to improve water quality by 2030 by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and substantially increasing recycling and safe reuse globally.

In this context, it is our pleasure to invite you to submit your recent achievements—both theoretical and experimental—to this Special Issue as original research articles or reviews.









an Open Access Journal by MDPI

# **Editor-in-Chief**

### Prof. Dr. Maryam Tabrizian

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

### Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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.

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

## **Contact Us**

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