

## Special Issue

# Sustainable Nanocomposites and Technologies for Water Treatment

### Message from the Guest Editors

This SI is devoted to the development of new materials (bulk, composites, and hybrids) through the improvement/transformation of specific processes for wastewater treatment. Among the topics of interest, specific attention will be given to papers related to:

- Development of innovative processes for the synthesis of lamellar clay-like compounds, zeolites, hydrotalcites, etc., by tuning synthesis conditions in order to obtain the best adsorption properties;
- Formulation of innovative composite materials for application in liquid-phase adsorption processes;
- Elaboration of bio-sourced materials from different biomasses or carbon materials (biochars, hydrochars, chars, activated carbons) for the specific removal of heavy metals or radionuclides;
- Use of microorganisms to support the removal of heavy metals;
- Development of new, highly selective polymers or surfactants.

### Guest Editors

Dr. Lakshmi Prasanna Lingamdinne

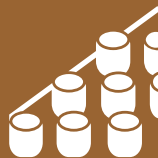
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### Deadline for manuscript submissions

closed (20 November 2023)



## Materials

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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.

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### Editor-in-Chief

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