



Sustainable Nanocomposites and Technologies for Water Treatment

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submissions:

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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, hydrocalcites, 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.





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Message from the Editor-in-Chief

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