

## Special Issue

# Advances on Green Synthesis of Nanocomposites and Environmental Applications in Adsorption and Catalytic Degradation of Pollutants

### Message from the Guest Editor

Nowadays, due to the growing awareness about environmental problems, especially in relation to water resources contamination and in the light of freshwater resources being limited, there are major efforts being expended toward protecting the environment and especially water resources, mainly by both treating wastewater before it is discharged to the environment and also through minimizing contamination by replacing conventional synthesis routes with other green alternatives. Thus, it is necessary to provide a platform for researchers and engineers to discuss the application of green chemistry in the synthesis of nanomaterials. For this Special Issue, we welcome submissions on the following specific topics: green synthesis of nanocomposites for catalytic degradation of organic dyes; green synthesis and characterization of nanomaterials; green synthesis of nano-adsorbents for removal of heavy metals from water; reviews of plant extracts as an eco-friendly replacement of harmful chemicals; and plant extracts as a promising source for the green synthesis of nanoparticles toward green chemistry for environmental protection.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 May 2023)



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### Message from the Editor-in-Chief

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