



Advanced Oxidation Processes and Bioremediation Strategies for the Treatment of Polluted Environmental Matrices

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The increasing number of pollutants in environmental matrices means that multiple remediation technologies are constantly required to evolve and also requires interdisciplinary collaboration among chemists, biologists, engineers, eco-toxicologists, and environmental scientists. There are no valid evaluation criteria for all cases; on the contrary, every situation must be examined to identify the appropriate initiatives to be taken. Based on the type of treatment, it is possible to distinguish chemical–physical treatments and biological treatments.

This Special Issue invites the submission of original research papers, as well as reviews focused on various innovative and sustainable environmental applications for the remediation of contaminated environmental matrices through chemical or biological strategies. Potential topics of interest for this Special Issue include, but are not limited to, kinetics and degradation studies of pollutants, the identification of by-products, the environmental fate of pollutants, catalytic and photocatalytic materials, reactors, eco-toxicological assessments, lab-scale experiments and on-field studies...





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