

## Special Issue

# Advancements and Applications of Nanomaterials for Removal of Organic Compounds in Aquatic Environments

### Message from the Guest Editors

Nanotechnologies have been firmly established in private households and commercial markets for several years, and their use is becoming increasingly important. This is due to the outstanding properties of nanomaterials such as nanoparticles or nanocomposites. The benefits of nano photocatalysts are not limited to an increased specific surface area; they also exhibit modified material properties that are often more favourable than those of conventional photocatalysts. In most cases, these photocatalysts are used in advanced oxidation processes. However, nanomaterials can also be employed for advanced reduction processes to break down persistent compounds. Furthermore, nanotechnologies are becoming increasingly essential in environmental remediation approaches. This Special Issue is dedicated to the analysis of the recent developments in the field of the removal of persistent compounds from the environment by nanomaterials. Of particular interest are studies related to the development of innovative nanocatalysts and other nanomaterials for use in advanced oxidation processes and advanced reduction processes for the remediation of persistent organic pollutants.

### Guest Editors

Dr. Ramona Riedel

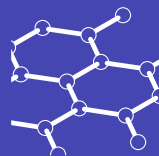
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### Deadline for manuscript submissions

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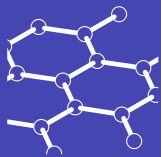


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#### Editor-in-Chief

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