# Special Issue

# Application of Green Separation Technology in Wastewater Treatment

## Message from the Guest Editor

The separation of organic or inorganic pollutant materials using membrane, adsorption, and catalytic degradation, as well as Fenton processes, is prominent. The synthesis of structured carbon and nanoparticles plays a vital role in the sustainable separation of foreign components from water, air and soil to preserve an eco-friendly environment. The functionalization of structured nano or microporous materials can extract value-added products such as carbon or biofuel from lingo-cellulosic residues. Moreover, the functionalization of nanoparticles can also enhance antioxidant properties for scavenging free radicles. This Special Issue aims to highlight smart, structured micro or nanoporous materials for industrial applications. Some potential topics might include, but are not limited to: innovative synthesis protocols based on advanced nanotechnology; smart materials; novel preparation; and eco-friendly, sustainable manufacturing technology. Authors are also encouraged to highlight the performance of synthesized materials in versatile fields for the separation [...] For further reading, please follow this link:
https://www.mdpi.com/journal/separations/special_issues /83040T28G5

## Guest Editor

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## Deadline for manuscript submissions

closed (20 July 2023)

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## Message from the Editor-in-Chief

*Separations* offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

## Editor-in-Chief

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