Special Issue

Advanced Nitrogen Removal Process in Adsorption and Removal of Pollutants

Message from the Guest Editors

The literature on wastewater provides substantial evidence on the harmful impact of wastewater derived from industrial and agricultural practices on human health and ecosystem safety. Although both physicochemical technologies and biological-based denitrification are utilized to remove pollutants, the latter has emerged as a more promising method due to its higher efficiency, operational simplicity, and lower maintenance cost compared to the former. This Special Issue aims to publish research that investigates the reliability and efficiency of biotechnology in solving nitrogen or nutrient pollution in the environment, encompassing studies of the advanced nitrogen removal process in adsorption and removal of pollutants. We also encourage submissions of novel multidisciplinary research on physicochemical technologies assisting in effective pollutant removal. Treatment processes for wastewater, biological waste treatment, pollutant sensing, monitoring, fate, and assessment are potential topics of interest.

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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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