

## Special Issue

# Novel Wastewater Treatment Applications Using Effective Materials

### Message from the Guest Editors

There are numerous nanomaterials/composites, polymers, and waste derivative materials with excellent properties, including superior stability and high surface area for rapid decontamination, as well as selectivity for the cost-effective removal of various pollutants. On the other hand, there are a variety of effective techniques capable of achieving great outcomes regarding treated water quality, treatment time, energy consumption and sustainability requirements. Some of these techniques include coagulation, flocculation, adsorption, photocatalysis, filtration and membranes, which may be accomplished through the use of effective materials. The application of a novel standalone technology is critical to successfully eliminating a variety of organic and inorganic impurities concurrently from water and wastewater. The main topic that we will focus on in the current Special Issue (SI) is practical sustainable ecofriendly solutions based on effective materials, highlighting their application in water and wastewater treatment.

### Guest Editors

Dr. Ahmed K. Badawi

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### Deadline for manuscript submissions

closed (30 June 2023)



## Polymers

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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