

## Special Issue

# Green Nanotechnology and Its Application in Wastewater Treatment

### Message from the Guest Editors

The utmost vulnerability of water globally is its contamination due to environmental and anthropogenic factors. To curtail the occurrence of this menace in our water bodies, cutting-edge research is being conducted on the use of nanotechnology to remediate contaminated water. A key challenge for the present situation has been providing sustainable development for the next generation by employing the ideas and theories of green chemistry and engineering in creating nanomaterials without toxic end effects, which could be applied in water remediation. Recently, there has also been a great interest in the advancement and utilization of nanomaterials resulting from the green technique (green nanotechnology) in various fields, particularly in the remediation, as well as in the sensing and prevention of hazardous contaminants in water. Hence, this Special Issue will attempt to assemble a collection of both research and review articles on the recent advances, development, and future prospects of green nanotechnology and its application in wastewater treatment.

### Guest Editors

Dr. Uyiosa Osagie Aigbe

Dr. Kingsley Eghonghon Ukhurebor

Dr. Robert Birundu Onyancha

Dr. Heri Septya Kusuma

### Deadline for manuscript submissions

closed (30 April 2023)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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