Special Issue

New Materials and Techniques for Environmental Science

Message from the Guest Editors

Due to the rapid development of industries and increasing human activities, many harmful inorganic and organic pollutants are released into water. It is significant to analyze and remove these inorganic and organic pollutants from wastewater. Recently, various analytical methods have been utilized to determine toxic ions, small molecules, biomacromolecules, and others from water system. In addition, a lot of nanomaterials and purification techniques have been used to remove both inorganic and organic pollutants from water. However, it is still necessary to develop novel analytical methods to detect toxic substrates from water and explore novel materials for water purification with higher efficiency. This SI intends to welcome contributions on, but not limited to: Analytical methods for detecting of pollutants in water; Sensors and biosensors; Fabrication and applications of nanoporous membranes; New materials synthesis and environmental science; New techniques for water purification; Performance analysis; Pollutant impact analysis; Recyclability of materials; Adsorption and removal mechanism. &

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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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