

Special Issue

Water Purification

Message from the Guest Editor

Good-quality drinking water is essential for humans and animals. Concentrations of pesticides and pharmaceuticals (PhACs) in water should be 1 µg/L or less. Pathogenic bacteria, viruses, and parasites should be removed from water in order to prevent waterborne diseases. Biocides such as quaternary ammonium cations (QACs) are efficient in the removal of bacteria. The efficient removal of microorganisms has been done by clay composites via filtration. This Special Issue emphasizes the advantage of collaboration for the development of technologies for the tertiary treatment of wastewater.

keywords

tertiary treatment
removal of chemicals
removal of pharmaceuticals
removal of bacteria
removal of microorganisms
removal of cyanobacteria and cyanotoxins
micelle–clay granules
clay composites
modeling of filtration
economy of water purification
water purification by collaborating technologies

Guest Editor

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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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