



Water Purification

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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 $1 \mu\text{g/L}$ 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





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Message from the Editor-in-Chief

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