Special Issue

Innovative Approaches to Environmental Technology and Sustainable Wastewater Treatment

Message from the Guest Editor

Water management and treatment systems are critical to ensuring the health and sustainability of ecosystems and communities. This Special Issue will explore the latest advances in environmental technology, focusing on innovations in wastewater treatment that help reduce pollution, conserve water resources, and promote sustainability. A strong emphasis is placed on addressing water scarcity and adapting to climate change, highlighting the role of non-conventional water resources, such as treated wastewater, desalination, and rainwater harvesting. These resources offer promising solutions to reduce pressure on freshwater supplies and increase resilience to climate change. The **scope** of this Special Issue covers a wide range of topics, including nature-based solutions, emerging technologies, process optimization, and sustainable practices that improve the efficiency of wastewater treatment systems. It will present innovative, energyefficient, and cost-effective wastewater treatment technologies that promote environmental sustainability by minimizing energy consumption, reducing chemical use, and increasing water reuse potential.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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