Special Issue

Advances in Sustainable Water Management: Wastewater Treatment and Water Reclamation

Message from the Guest Editor

Water scarcity is an increasingly pressing global concern, with more severe and frequent drought episodes affecting both rural and urban areas. In this context, reusing wastewater effluent as reclaimed water is not just an option, but a necessity, in order to ensure a sustainable water supply. However, water reuse also introduces new challenges, particularly the presence of contaminants of emerging concern, such as microplastics or antibiotics, which can pose significant risks to both human health and ecosystems. Therefore, this Special Issue aims to compile innovative research on sustainable water management, with a particular focus on wastewater treatment and water reclamation. We welcome papers that explore innovative approaches in the field of wastewater treatment, particularly those focused on water reclamation and the recovery of solutes as added value products. We encourage research not only on cutting-edge technologies, but also on novel integrations of existing technologies in order to exploit their synergetic effects and overcome their existing challenges and limitations.

Guest Editor

Dr. Xialei You

- 1. Department of Circular Economy and Decarbonization, Leitat Technological Center, Terrassa, Spain
- 2. Department of Chemical Engineering (EQ), Technical University of Catalonia, Barcelona, Spain

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Message from the Editor-in-Chief

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

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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