Special Issue

Emerging Sustainable Technologies for Environmental Remediation and Management

Message from the Guest Editors

The development of sustainable technologies within the challenges of climate change and population growth requires innovative engineering solutions to address the increasing demand of energy and water and the environmental pollution burden. Hence, this Special Issue will address emerging technologies for environmental remediation and management, particularly focused on converting fluid effluent streams and solid residues into resources, emphasizing efficient and cost-effective processes. We invite submissions of research exploring innovative and advanced methods for wastewater treatment and for converting fluid effluents and solid wastes into resources. We encourage submissions of research involving process intensification methods, like the use of multifunctional reactors, innovative new materials (catalysts, adsorbents, hybrid materials), and processes including the use of ultrasound, microwave, hydrodynamic cavitation, alternative energy sources, etc. In addition, developments pursuing the conversion of solid residues into advanced materials, products and fuels are welcome.

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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. *Sustainability* publishes original research articles, review 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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