Special Issue

Novel Technologies of Wastewater Treatment for Sustainable Resource Utilization

Message from the Guest Editors

Water is the one of our most valuable resources. Nothing is more essential to life on Earth than water. Although its covers over 70% of the Earth's surface area, just 1% of all water is available for human consumption. Day by day, the demand for drinking water is increased due to the rising population and increasing industrialization and urbanization. Various industries, towns, agricultural fields, commercial zones, and metropolitan areas release huge amounts of highly contaminated wastewater. Therefore, we need immediate action to develop low-cost, efficient, cost-effective, novel technologies or to improve the existing methods for suitable treatment and elimination of pollutants from wastewater to achieve environmental sustainability. Innovative, integrated treatment technologies that combine two or more biological, physical, and chemical processes to remediate or clean up numerous environmental toxins from wastewater have recently garnered significant attention around the world. According to the WHO, providing good-quality water is conductive to the development of the society and the prevention of environmental and public health issues.

Guest Editors

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Editor-in-Chief

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