

## Special Issue

# Wastewater Treatment and Purification

### Message from the Guest Editor

Human activity is the primary source of worldwide water pollution. Water pollution is now quickly growing due to the increased washing of hands and clothes during COVID-19 pandemic situations. Also, pollution from different compounds in household water and industrial effluents is rising. As a result, the quality of aquatic ecosystems continues to deteriorate in many regions. Wastewater should be adequately treated and purified before being discharged into rivers and seas. There are many methods for wastewater treatment and purification. In recent years, wastewater treatment methods such as hybrid processes, membrane filtration, the use of polymeric materials (adsorbents, flocculants, and catalyst), biotechnologies, and nanotechnologies have piqued the interest of researchers since these are low-cost, environmentally friendly, and straightforward. The sustainable supply of pure water to the ordinary people of the society is the greatest challenge in most developing and third world countries. Thus, innovating and developing cost-effective and specific wastewater treatment and purification processes is essential for environmental and economic sustainability.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2023)



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