

## Special Issue

# Advancing Innovation in Sustainable Treatment of Water and Wastewater

### Message from the Guest Editor

Water is one of the "sine qua non" factors for life. Threats such as droughts, floods, and water pollution are becoming more frequent and severe, so efficient and sustainable water management has become a priority. Innovation in sustainable water treatment is essential to meet present and future environmental challenges, to ensure access to this vital resource for future generations. Therefore, water treatment techniques must evolve to achieve better treatment efficiencies, i.e., the greater removal of contaminants at lower economic and environmental costs. These technologies will be sustainable if they are also accessible to all societies. Drinking water production techniques, such as reverse osmosis or electrodialysis, involve high levels of treatment. However, they are not only expensive but also have a significant environmental impact caused by the discharge of brine on coastal areas. Their combination with renewable energies is helping to reduce their environmental impact. This Special Issue aims to present the latest innovations in water treatment, whether for supply, waste, or reuse.

### Guest Editor

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