



Protecting Vulnerable Water Resources by Integrated Wastewater Management

Guest Editor:

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Message from the Guest Editor

The population increase, especially in urban areas of developing countries have caused a significant increase in the demand for water, along with increased local water shortages, thus putting enormous pressures on the existing sewage network and wastewater treatment plants and impacting drinking water resources through the infiltration of untreated wastewater.

This *Special Issue* aims to publish high-quality research papers that seek to address recent development on worldwide sustainable integrated wastewater management approaches to protect vulnerable water resources covering but not limited to the following issues:

- Examples/ concepts of integrated wastewater management systems to protect vulnerable water resources
- Water-Energy-Food Nexus
- Innovative decision-making tools for integrated wastewater management
- Groundwater/ Hydrogeological risk-assessment analysis
- Crop response to treated wastewater reuse
- Treated wastewater effects on soil quality
- Socio-economic impact of treated wastewater reuse
- Governance regulations and water politics





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