

## Special Issue

# Constructed Wetlands for Wastewater Treatment: Municipal, Industrial, and Agricultural

### Message from the Guest Editors

Constructed Wetlands (CWs) are highly efficient bio-hydro-geochemical systems for remediation of wastewater that comes from various sources. It is easy to adopt, maintain, implement and can treat several contaminants in wastewater at the same time. To achieve the UN's SDGs for sustainable environments, agriculture, and water resources, and to battle pollution problems globally, environmental cleanup through CWs is paramount. This SI welcomes pilot-scale, field-scale, fundamental, applied, and theoretical studies on the following topics:

- Types of CWs and their role in wastewater remediation;
- Role of CWs in the treatment of mixed (industrial, household, and commercial) wastewaters;
- Tannery industry Cr-laced wastewater;
- Use of biochar, biomaterials, and other solid wastes as bedding media in accelerating the efficiency of CWs
- Plants as major drivers of sustainable environmental remediation in CWs
- Microbes' potential for enhancing cleanup of wastewater using CWs
- Developing a reliable model design for remediation via CWs
- The emission of greenhouse gasses and its climatic impacts in CWs
- Role of bedding media and plants in reducing greenhouse gas emission from CWs

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### Guest Editors

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Dr. Muhammad Afzal

Dr. Irshad Bibi

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### Deadline for manuscript submissions

closed (15 January 2023)



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### Editor-in-Chief

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