Special Issue

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

Message from the Guest Editors

Constructed Wetlands (CWs) are highly efficient biohydro-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
- The emission of greenhouse gasses and its climatic impacts in CWs
- Role of bedding media and plants in reducing greenhouse gas emission from CWs

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2023)



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Impact Factor 3.3 CiteScore 7.7



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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