

Special Issue

Constructed Wetland Systems for Wastewater Treatment and Water Remediation

Message from the Guest Editor

Constructed wetlands (CWs), as a typical 'nature-based solution', are cost-effective options for the treatment of domestic and municipal wastewater around the world. CWs are also widely applied for the remediation of micro-polluted water, such as secondary effluent from wastewater treatment plants (WWTPs), agricultural and urban surface runoff, and polluted river or lake water. These promising eco-technologies have a proven track record for the removal of traditional pollutants, including organic matter and nutrients. This Special Issue focus on but not be limited to the following scopes:

- Recent advances in the application of CWs for treating various types of wastewater and water remediation;
- Selection and performance evaluation of plants and substrates;
- Biogeochemical processes and ecological risks for removing emerging contaminants;
- The effects and feedbacks of CWs under extreme climate events;
- Novel enhancing approaches and optimizing strategies in CWs for wastewater treatment.

For more information, please check:

https://www.mdpi.com/journal/water/special_issues/UC84650R3A

Guest Editor

Prof. Dr. Haiming Wu

School of Environmental Science and Engineering, Shandong University, Qingdao 266237, China

Deadline for manuscript submissions

closed (25 October 2025)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



[mdpi.com/si/214861](https://www.mdpi.com/si/214861)

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

[mdpi.com/journal/
water](https://www.mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



[mdpi.com/journal/
water](https://mdpi.com/journal/water)



About the Journal

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)