Special Issue

Advances in Processes Understanding and Designs of Constructed Wetlands Applied for Treatment of Various Wastewater Sources

Message from the Guest Editors

Constructed wetlands are today an established sustainable treatment technology with many diverse applications ranging from domestic and municipal wastewater till sludges and various industrial effluents. Although in use for many decades, it is in the last 15–20 years that research has intensified and the number of applications has increased. The development of this green technology is still ongoing, and novel designs and applications occur frequently. However, there are still gaps in fundamental processes understanding in constructed wetlands as bioreactors. Therefore, this Special Issue aims at providing the current knowledge of pollutant removal–transformation processes and mechanisms taking place in wetland beds, combined with the presentation of novel applications of this treatment technology. Contributions will be accepted on research developments, innovative designs, and experiences from full-scale applications. Review papers summarizing the existing knowledge and technological status of different hybrid systems are also welcome, after coordination with the Special issue Editors.

Guest Editors

Prof. Dr. Alexandros Stefanakis
School of Environmental Engineering, Technical University of Crete, 73100 Chania, Greece

Prof. Dr. Nicolas Kalogerakis
School of Chemical & Environmental Engineering, Technical University of Crete, Chania, Greece

Deadline for manuscript submissions

closed (30 September 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/46102

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

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

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)

MDPI