

Special Issue

Eco-Engineered Solutions for Industrial Wastewater

Message from the Guest Editor

Topics Covered in This Special Issue

- Constructed wetlands for industrial wastewater treatment: design innovations, substrate selection, plant species, and operational regimes;
- Sustainable and locally available substrates;
- Removal of emerging pollutants;
- Microbial community dynamics in natural treatment systems;
- Hydrological and redox management in nature-based systems;
- Biofilters, waste stabilization ponds, and algal-bacterial consortia;
- Toxicity assessment and ecotoxicological monitoring;
- Circular economy and resource recovery in eco-technologies;
- Pilot-scale and full-scale demonstrations: case studies, performance data, and scalability analyses;
- Policy, standards, and life cycle assessment (LCA): alignment with environmental regulations and evaluation of sustainability metrics.

Guest Editor

Dr. Luciana Pereira

Department of Biological Engineering, University of Minho, 4710-057 Braga, Portugal

Deadline for manuscript submissions

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

mdpi.com/journal/

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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
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(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
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