

Special Issue

Ecological Wastewater Treatment and Resource Utilization

Message from the Guest Editors

Water pollution has become a significant global environmental issue. Ecological treatment technologies are attracting more and more attention due to their high efficiency, low operating cost, and high level of safety. At present, ecological treatment technologies are widely applied in micro-polluted water treatment. More studies on them are needed for the sustainable development and application of wastewater treatment technologies. For this Special Issue, original research articles and reviews are welcome for submission. Research areas may include (but need not be limited to) the following: (1) Wetland systems; (2) Subsurface infiltration systems; (3) Ecological buffer zone systems; (4) Green-wall systems; (4) Transformation processes of pollutants by microorganisms; (5) Green adsorbents for water pollutants; (6) Treatment and resource utilization of sludge and river sediment; (7) Recycling of plant residues. We look forward to receiving your contributions.

Guest Editors

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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

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