



water

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Application of Biochar for Effective Removal of Hazardous Chemicals from Wastewater

Guest Editors:

Dr. María Ángeles Martín-Lara

Department of Chemical
Engineering, University of
Granada, 18071 Granada, Spain

Dr. Mario J. Muñoz Batista

Department of Chemical
Engineering, Faculty of Sciences,
University of Granada, Avda.
Fuentenueva, s/n, 18071
Granada, Spain

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Message from the Guest Editors

Dear Colleagues,

Biochar is a carbon-rich product obtained from thermal decomposition of biomass and waste under no oxygen or limited oxygen condition. Initial studies have been focused on its use as a soil amendment. However, recent advances in biochar production have extended its use in electrochemical energy storage, catalytic processes, water and wastewater treatment or other emerging applications. The papers of this special issue will address the current state of the art on the development, design, and operation mode of different biochar remediation processes. In addition, the advantages and disadvantages of this system in relation to other conventional processes will be considered. Although the focus of this Special Issue is the use of biochar for effective removal of hazardous chemicals from wastewater, contributions are not limited to this topic, and quality research in other emerging applications will be relevant for the scope of the Special Issue.

Prof. Dr. María Ángeles Martín-Lara

Prof. Dr. Mario J. Muñoz-Batista

Guest Editors



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Special Issue



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Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

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.

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Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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