Special Issue

New Strategies for Detection and Bioremediation of Contaminated Water and Soil

Message from the Guest Editor

The growth of the human population and rising living standards lead to an increasing pressure on terrestrial and aquatic ecosystems. A current and important goal of our society is to preserve the environment for future generations. Therefore, new strategies are needed to detect and solve the problems associated with pollutants of emerging concern, about which knowledge and environmental regulation are generally lacking. Biological processes for remediation have a special importance in this context. This Special Issue will focus on those methods specifically developed to detect and monitor biodegradation processes (pretreatment and preparation of complex samples, analysis of mixtures of emerging contaminants and contaminants never reported in waters and soils). Of special interest is the combination of different techniques (analytical, ecotoxicological, biochemical) for monitoring bioremediation processes. This Special Issue will also focus on the application of novel bioremediation strategies to control the pollution associated with industrial and agricultural activities in waters and soils (removal of drugs, surfactants, chemical additives, metals, pesticides).

Guest Editor

Prof. Dr. Karina Boltes

Department of Analytical Chemistry, Physical Chemistry and Chemical Engineering, University of Alcala, 28871 Alcalá de Henares, Spain

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

mdpi.com/journal/toxics

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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18, 08034 Barcelona, Spain

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