



Bioremediation of Contaminated Soils

Guest Editors:

Dr. Stefano Covino

Department of Chemistry,
Biology and Biotechnology,
University of Perugia, Perugia,
Italy

stefano.covino@unipg.it

Dr. Salvador Lladó

LEITAT Technological Center,
Terrassa, Spain

sllado@leitat.org

Deadline for manuscript
submissions:

closed (30 April 2019)

Message from the Guest Editors

Soil is a nonrenewable finite resource and its loss or degradation is not recoverable in an easy and timely manner. Among the possible strategies to clean up polluted soils, bioremediation takes advantage of the catabolic versatility of (micro)organisms to either degrade contaminants or to transform them into nontoxic products, thus preserving soil functionality.

Bioremediation has been studied and steadily applied in the past decades by academic researchers and practitioners. However, more efforts are needed to understand the complex network of interactions existing between biological entities, for example, (micro)organisms, contaminants present in a polluted soil, and the soil matrix itself. The present Special Issue aims to collect original articles focusing on the variables involved in bioremediation processes: (1) Quantitative and qualitative determination of contaminants, considering also their aging and bioavailability; (2) environmental parameters and soil biodiversity/functionality; (3) effect of bioremediation intervention (e.g., biostimulation, bioaugmentation) on resident microbial communities; (4) ecotoxicology assessment.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Yu-Pin Lin

Department of Bioenvironmental
Systems Engineering, National
Taiwan University, Taiwan

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Author Benefits

Open Access:—free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: Indexed in the [Emerging Sources Citation Index \(ESCI - Web of Science\)](#). To be added in Scopus from Vol. 6 (2019).

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 19.5 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2020).

Contact Us

Environments
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/environments
environments@mdpi.com