



Searching for Solutions to Soil Pollution

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Deadline for manuscript
submissions:
closed (10 January 2022)

Message from the Guest Editor

Environmental pollution is one of the global problems of our time. This Special Issue will present new knowledge that would make it possible to solve urgent problems closely related to the contamination of the environment by persistent pollutants and to answer to the necessity of studying the detoxification abilities of a wide range of organisms for the development of effective ecological biotechnologies.

Bioremediation is the technology of the remediation of nature by using living organisms; it is important and, in some cases, the main instrument for the decontamination of contaminated sites. With this perspective, this Special Issue aims to contribute to the field, presenting the most relevant advances in the basic and applied aspects of bioremediation technology.

The topics proposed for this Special Issue include but are not limited to the following:

- risks associated with soil contamination by different types of pollutants
- toxicology and monitoring of pollutants in contaminated soils
- the fundamental basis for the development of technologies for bioremediation, phytoremediation, mycoremediation, etc.
- the practical uses of environmental biotechnologies





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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