





an Open Access Journal by MDPI

# **Environmental Pollution: From Phytoremediation to Phytomonitoring**

Guest Editors:

#### Prof. Dr. Graziella Berta

Department of Sciences and Technological Innovation, University of Piemonte Orientale, viale Michel 11, 15121 Alessandria, Italy

#### Dr. Simone Cantamessa

Council for Agricultural Research and Agricultural, Economy Analysis (CREA), Research Centre for Forestry and Wood (FL), 15033 Casale Monferrato, Italy

Deadline for manuscript submissions:

closed (20 April 2021)

### **Message from the Guest Editors**

Phytoremediation is an economical technique with lower employment of energy and technology and, in many cases, is the only applicable technique. Due to their characteristics, plants can also be employed for monitoring the degree of pollution in different environmental matrices. Microflora plays a vital role in remediating pollutants and raising plant health status. It could therefore be very useful in improving the efficiency of phytoremediation.

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

- -. Application of plants to soil and water remediation;
- -. Phytoextraction from contaminated soils;
- -. Phytotreatment of wastewater;
- -. Bacteria and mycorrhiza-assisted phytoremediation;
- -. Phytomonitoring of polluted sites (physiology and metabolism).

Prof. Dr. Graziella Berta Dr. Simone Cantamessa *Guest Editors* 











an Open Access Journal by MDPI

#### **Editor-in-Chief**

# **Prof. Dr. Giulio Nicola Cerullo**Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

## **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.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

#### **Contact Us**