



## **Effects of Bio-Processes to Remediate Contaminated Soil, Clean Wastewater and Treat Solid Waste on Environmental Safety, Public Health, Social Acceptance and Economic Growth**

Guest Editors:

**Dr. Alberto Ferraro**

Department of Civil, Architectural  
and Environmental Engineering,  
University of Naples Federico II,  
via Claudio 21, 80125 Naples,  
Italy

**Prof. Dr. Antonio Panico**

Telematic University Pegaso,  
Piazza Trieste e Trento 48, 80132  
Naples, Italy

**Dr. Marco Race**

Department of Civil and  
Mechanical Engineering,  
University of Cassino and  
Southern Lazio, Via di Biasio 43,  
03043 Cassino, Italy

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

It is well known that the environment pollution level and the alteration of ecosystems are increasing rapidly worldwide in pace with industrialization growth and the fulfillment of human needs.

Bioremediation is a natural process responsible for the removal and/or decomposition of pollutants through the action of microorganisms from different matrices—natural ones like water, soil, and air, as well as anthropogenically produced ones like wastewater and solid and gaseous waste.

Biological treatment processes are superior to other physicochemical processes, because they have comparable pollutant removal efficiency while having a lower energy demand and milder operating conditions for the mineralization and/or detoxification of pollutants since bioremediation is conducted by biotic components.

This Special Issue welcomes the submission of original research papers using different study designs at different operational scales, as well as systematic reviews and meta-analyses.





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RCMI Center for Urban Health  
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Innovation, Richard N. Dixon  
Research Center, Morgan State  
University, Baltimore, MD 21251,  
USA

## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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*International Journal of  
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Health* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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