



## Remediation of Contaminated Soil for Sustainable Agriculture

Guest Editors:

**Dr. Tatyana Minnikova**

Academy of Biology and  
Biotechnology Named D.I.  
Ivanovsky, Southern Federal  
University, 344090 Rostov-on-  
Don, Russia

**Dr. Sudhir S. Shende**

Academy of Biology and  
Biotechnology Named D.I.  
Ivanovsky, Southern Federal  
University, 344090 Rostov-on-  
Don, Russia

**Dr. Sergey Kolesnikov**

Academy of Biology and  
Biotechnology Named D.I.  
Ivanovsky, Southern Federal  
University, 344090 Rostov-on-  
Don, Russia

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### Message from the Guest Editors

According to the FAO, 34% (1660 million ha) of agricultural land worldwide is affected by anthropogenic soil degradation. Arable land accounts for only 13% (11,477 million ha) of the world's vegetation cover, but the share of degraded arable land is approximately 29%. Almost a third of rainfed arable land, and nearly half of irrigated land, are subject to anthropogenic degradation. Industrialization and urbanization cause significant soil pollution, which has an impact on soil health and, indirectly, human conditions.

For sustainable agriculture development, it is necessary to monitor the state of soils under various types of anthropogenic impact. Agricultural soil remediation is an important step towards sustainable agriculture. For the remediation of contaminated soils, a few methods are used: physical, chemical, biological, and complex. In the process of soil remediation, not only a decrease in the content of pollutants occurs, but also the restoration of the ecological state of soils. The ecological state of soils is an indicator of soil health.





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### Prof. Dr. Les Copeland

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

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Agriculture Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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