



Remediation of Contaminated Soil and Wastewater Treatment

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Message from the Guest Editors

Soil and water contamination mainly results from improper discharge of heavy metals and organic pollutants such as pesticides, herbicides, antibiotics and etc. This was even aggregated by the high background level in soil and groundwater. The long-term exposure to these hazardous substances is associated with serious chronic and acute diseases to humankind and causes concern to sustainability of ecological system. This has occurred in many regions across the world over the past few decades. Despite enormous efforts for pollution abatement, the situation has been complicated by the newly-polluted sites and new synthetic organic compounds. Thus, there is an urgent need to understand the biogeochemical processes of these pollutants in soil and wastewater and then propose effective practices to abate the contamination.





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