



Agricultural Soil Pollution and Treatment Technology

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Message from the Guest Editors

Agricultural soil pollutants, such as heavy metals, persistent organic pollutants, antibiotic resistance genes and micro/nano-plastics have become a global environmental problem. The constant input and long-term existence of these pollutants leads to the deterioration of soil quality and the destruction of soil structure and its normal function, thus adversely affecting crop growth. More significantly, these pollutants in the soil can be absorbed by root systems and accumulate in the edible parts of crops, finally entering the human body through the food chain and posing a potential threat to human health. However, due to its long-term, cumulative and hidden characteristics, agricultural soil pollution is often overlooked. Therefore, it is very important to understand the impact of emerging pollutants on soil microecology, crop growth and quality. We are welcoming high-quality research papers and review articles that focus on emerging contaminants in agriculture soil and their effect on soil ecosystems, crop growth and human health, as well as polluted soil treatment technology.





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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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