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Safety Utilization and Remediation of Heavy Metal Polluted Farmland

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 October 2022)

Message from the Guest Editor

With the increase in agricultural inputs and rapid industrialization, heavy metal pollution in farmland has become extremely serious, affecting human health through the food chain. Although the area of pollution is very large, the amount of heavy metal in farmland is relatively low. Therefore, identifying ways in which to ensure the safe production of crops in those contaminated soils, reduce the total amount of toxics in soils, and achieve healthy soils is of great significance to promote agricultural sustainable development.

This Special Issue will focus on the whole process of “Safety Utilization and Remediation of Heavy Metal Polluted Farmland”, from pollution source identification to remediation effect evaluation. Authors are invited to submit original research papers, reviews, and short communications. The topics of interest may include, but are not limited to, the following:

- 1) Contamination source identification;
- 2) Transfer of heavy metals in the food chain;
- 3) Safety utilization of polluted farmland;
- 4) Bioremediation of contaminated soils;
- 5) Healthy soil cultivation;
- 6) Health risk assessment.



mdpi.com/si/118840

Special Issue



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Message from the Editor-in-Chief

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