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Soil/Ground Water Pollution Remediation under the Background of Carbon Neutralization

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Message from the Guest Editors

Reducing carbon emissions and increasing carbon sink capacity are important ways to achieve carbon neutrality. Soil carbon pools account most of the carbon pools in terrestrial ecosystems. However, soil and ground water environment pollution influences the carbon sequestration capacity of soil ecosystems. The enviromental remediation can not only reduce soil/ground water pollution, but increase the carbon fixation ability, which is benificial to achive carbon neutralization. Therefore, the potential of contribution of soil and water enviromental to achive carbon neutralization during remediation should be considered.

This Special Issue mainly focuses on traditional biological, physical, chemical and synthetic remediation techniques in the soil and ground water environment. Studies reporting the combination of traditional remediation using these and other advanced technologies are welcome. Furthermore, we encourage the studies to illustrate the molecular mechanism of remediation and subsequent structural and functional variation of the soil ecosystem, and try to uncover the carbon sequestration mechanism after remediation.

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Message from the Editor-in-Chief

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