



## Integrated Remediation Processes toward Heavy Metal-Contaminated Environment

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### Message from the Guest Editors

Dear Colleagues,

With the development of urban industrialization and the utilization of mineral resources, a lot of toxic pollutants enter the water ecosystem, agricultural soil and atmosphere, which cause a serious threat to human health. Under the national dual carbon target, researchers are trying to exploit the integrated technologies for pollution removal and carbon reduction. To date, various remediation technologies have been developed worldwide to deal with the contaminated water, soil, or even groundwater. It is expected that the dual carbon target associated with heavy metal remediation can be concurrently achieved. This Special Issue aims to receive submissions of high-quality, original, and previously unpublished research on the fundamental theory and engineering practice of the heavy metal remediation technologies, including, but not limited to, the following topics:

- Biogeochemical processes of heavy metal, including migration, transformation, fate, oxidation, reduction;
- Advanced heavy metal remediation technology (targeting, persistence, mechanism);
- Ecological safety assessment methods of remediation technology.





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## Message from the Editor-in-Chief

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