



## Soil and Water Remediation with Natural and Synthetic Materials: Latest Advances and Prospects

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### Message from the Guest Editors

Dear Colleagues,

Soil and water pollution is of great concern due to its severe and long-term consequences on the environment and ecosystem, even endangering human health. Soil and water pollution may be caused by a series of chemical substances, such as organic dyes, heavy metals, pesticides, antibiotics and emerging pollutants. Corresponding to different pollution or combined pollution of soil and water, the selection and configuration of suitable natural and synthetic materials may play a more important role. Meanwhile, the process of soil and water remediation should be optimized and the remediation mechanisms should be deeply investigated. Therefore, further innovations are required to contribute to the sustainable soil and water environment.

- Material design and configuration
- Improvement of soil and water remediation efficiency
- Model development of soil and water remediation
- Integration with soil and water remediation
- Soil and water remediation with multiple materials
- Interaction mechanisms between materials, pollutants, soil or water.





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