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Biochar Production and Modification for Environmental and Agricultural Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Biochar technologies have gained increased interest over the past two decades due to a large number of successful applications in the environmental and agricultural fields. As a renewable, inexpensive, highly porous, carbon-rich and conductive biomaterial, biochar has demonstrated its efficiency in adsorption, wastewater treatment, biofuel, soil amendment, carbon sequestration, microbial fermentation, carbon-based catalyst preparation, and so on.

This Special Issue aims to encourage and advance the research of biochar production technologies and biochar application in the environmental and agricultural fields and we invite you to contribute. Such contributions could cover novel systems, methods, and technologies for biochar production; new products based on biochar and biochar-related application in solving/mitigating various environmental and agricultural problems; modification methodologies for engineered biochar; new characterization protocols for biochar products; environmental impact and techno-economic assessment of biochar; biochar material used as additive, catalyst, and adsorbent; biochar market and economy.

Dr. Le Zhang
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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