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Advances in Solid Fuels Conversion to Enable the Global Energy Transitions

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Message from the Guest Editors

The urgency in finding solutions to global warming is changing the paradigm of solid fuels utilization. There is an increased interest in the exploitation of solid fuels, including biomass and waste, for the production of energy, biofuels, chemicals, and advanced materials. Nevertheless, in fossil fuel-rich countries, the energy demand in coming decades will continue to rely heavily on coal and capture ready combustion systems (oxycombustion, CLC), coupled with CO₂ capture and utilization, which will be very important to meet the CO₂ reduction targets. This Special Issue welcomes contributions on all aspects related to thermochemical and biotechnological processes for the transformation of solid fuels in the context of decarbonization and circular economy.



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Special Issue



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Message from the Editor-in-Chief

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