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Waste-to-Energy Technology Integrated with Carbon Capture

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Message from the Guest Editors

The prospective of achieving the climate targets without the use of carbon-negative solutions has now become remote, let alone without the use of carbon capture and storage (CCS) from point emissions. Decarbonization of the industrial sector without the implementation of CCS is rather limited, and the potential is enormous. The waste-to-energy sector represents a golden opportunity as a first mover, as it affects the CO2 budget of municipalities and offers the potential for negative emissions in an eventually profitable scheme if negative emission legislation comes in place. It is an industry in full growth in all parts of the world, and is not subject to delocalization, making long-term investments a lesser risk. The integration of carbon capture technologies in the waste-to-energy sector is in its early stages.In this Special Issue we intend to gather a compendium of studies pertaining to all aspects of capturing CO2 from the combustion of municipal and industrial wastes, its legal, political, and administrative aspects, and its transport obstacles from near-city sites. We welcome you to join us and submit your latest first-class research on these topics.

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Message from the Editor-in-Chief

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