

## Special Issue

# Catalysts in Thermo-Chemical Upcycling Solid Wastes to High-Value Products

### Message from the Guest Editors

Thermochemical upcycling solid wastes, such as municipal solid wastes, waste plastics, and biomass, to high-value products helps to address the global solid waste crisis, reduce the climate impacts, and realize circular economy by resources recovery. Fundamental breakthroughs in strategy, technology, process, and catalysts are urgently needed to accelerate developments in this emerging area. We invite contributions related to the use of solid wastes of different types (household, industrial, etc.) into high-value products (oil, syngas, carbon, etc.) via various technologies (pyrolysis, gasification, catalytic reforming, catalytic decomposition, catalytic partial oxidation, etc.). Specially, contributions related to catalyst design, preparation, performance, lifetime, stability, and regeneration during the catalytic processes for upcycling solid wastes are welcome.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



## Catalysts

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