



Advanced Catalysts in the Reforming of Biomass and Waste Derived Compounds

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Message from the Guest Editors

The current dependence on fossil fuels and the environmental concern associated with global warming and climate change are promoting the development of alternative routes that contribute to the reduction of CO₂ emissions. In this scenario, biomass valorization by thermochemical routes is gaining increasing attention for the production of fuels and chemicals. Amongst them, the catalytic steam reforming of biomass-derived products provides an opportunity for H₂ production from renewable and sustainable sources.

This Special Issue of *Catalysts* is focused on covering recent progress and trends of the development of advanced catalysts in the steam reforming of biomass pyrolysis volatiles and bio-oil compounds. Original research papers and short reviews dealing with the optimization of process conditions, synthesis of reforming catalysts, knowledge of catalyst deactivation, and reactor design and configuration are especially welcome.

