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Catalytic Fast Pyrolysis

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Message from the Guest Editors

More research should be added to the catalytic pyrolysis of renewable polymer materials to increase the yield and selectivity to the targeted chemicals and extend the catalyst lifetime. In this regard, this Special Issue is dedicated to topics such as the catalytic pyrolysis of waste organic polymers and the catalytic upgrading of the pyrolysis oils derived from these polymers (e.g., hydrotreating). The study of new catalysts, new upgrading chemistry, co-processing with conventional feedstock, catalyst deactivation/regeneration, and so on, which can be implemented to the pyrolysis process, will be the primary topics for this Special Issue.

It is our pleasure to invite you to submit a manuscript to this Special Issue. Reviews, short communications, full research papers related to the catalytic pyrolysis of biomass or the catalytic upgrading of biomass pyrolysis oils are especially welcome.