

## Special Issue

# Preparation of Catalysts from Renewable and Waste Materials

### Message from the Guest Editor

According to the recent renewed interest in Circular Economy and Green Chemistry, modern chemistry is developing new catalysts, starting from renewable and waste materials. The materials derived from both industrial and biological sources include red mud, aluminium dross, fly ash, blast furnace slag, rice husk, and various kinds of shell and plants. They afford opportunities in terms of catalysis: (i) direct application as active materials, (ii) use as pre-catalysts, (iii) modification to yield catalytically active phases, and (iv) use as precursors for the synthesis of active catalysts. For some aspects, abundant natural materials (i.e., from vegetables and plants) can be a source of chemicals, but also a precursor of materials derived from petroleum. Submissions in the form of original research papers, reviews, and short communications are encouraged to this Special Issue on "Preparation of Catalysts from Renewable and Waste Materials".

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 December 2019)



## Catalysts

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### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Keith Hohn  
Carl R. Ice College of Engineering, Kansas State University, Manhattan,  
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