



Catalytic Valorization of Biomass

Guest Editors:

Dr. Rosa Turco

1. Department of Chemical Sciences, University of Naples Federico II, 80126 Napoli, Italy
2. Institute for Polymers, Composites and Biomaterials, National Council of Research, Via Campi Flegrei 34, 80078 Pozzuoli, Italy

Prof. Dr. Riccardo Tesser

NICL—Department of Chemical Science, University of Naples Federico II, 80126 Naples, Italy

Deadline for manuscript submissions:

closed (31 March 2023)

Message from the Guest Editors

Circular economy and sustainability are receiving increased attention, especially in industrial production. An example of sustainable economy is the recovery of residual biomasses generated by agricultural or industrial activity, following the concept “from-cradle-to-cradle”, with the aim of obtaining value-added chemicals also through catalytic processes.

In this Special Issue, we invite you to submit original research papers on potential topics including (but not limited to): (i) characterization of biomass for the production of value-added chemicals; (ii) biomass conversion to biofuels, fine chemicals, and chemical platforms; (iii) catalysis and catalysts; (iv) development of processes and plants; and (v) modelling and feasibility studies for biomass conversion.

