

## Special Issue

# Valorization of Lignocellulosic Materials: Towards a Sustainable Environment and Circular Economy

### Message from the Guest Editors

In the context of environmental regulations and circular economy, the identification of alternative sustainable solutions to replace the non-renewable oil resources is of particular interest in most production processes. Lignocellulosic materials are a sustainable, broadly available, biocompatible and highly recyclable alternative which could have applications in a range of environmentally friendly products. This Special Issue will present recent strategies for the utilization and conversion of lignocellulosic materials to obtain bio-based products with a wide range of applications (i.e. packaging, sound absorption, electronics, thermal insulation, building industry, automotive or aeronautics components, water and air de-pollution, etc.). Papers that present theoretical and quantitative analysis of the topic, as well as qualitative research based on case studies (pilot-plant and full scale) are welcome. Particular attention will be paid to the multidisciplinary approaches in various fields of engineering dealing with the valorization of lignocellulosic biomass for sustainable production of valuable and useful products.

### Guest Editors

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### Deadline for manuscript submissions

closed (17 October 2023)



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### Editor-in-Chief

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