



New Technological Solutions and Process Development in the Circular Bio-Economy

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Message from the Guest Editors

Dear Colleagues,

The bio-economy consists of the production and transformation of biomass, which is used to provide food, feed, materials, energy, and connected services. Topics related to climate-friendly and sustainable technological solutions and development processes is the focus of scientific research. The evaluation of national and regional bio-economy plans and the presentation of models play a key role in the green innovation processes of the sectors. The presentation, scientific analysis, and presentation of adaptation possibilities of new circular technological solutions related to the production of food and other biomass products are very important for the development of sustainable system solutions. We can envisage replacing fossil-based materials and energy with bio-based solutions in the future, potentially reducing environmental pressures while strengthening green innovation and creating new jobs. The focus areas of the Special Issue are circular biomass production, circular bio-based manufacturing, and bio-based services.





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