

Special Issue

Polyurethane Foams: Renewable, Recycled, Recyclable—The Green Economy Applied to the Polyurethane Industry

Message from the Guest Editors

Polyurethanes (PU) are one of the most versatile classes of polymers, whose consumption was predicted to be over 79 billion USD by 2021. They can be used as elastomers, paints or adhesives, but their main consumption is in the form of foams (PUF), corresponding to 67% of global PU consumption. Nevertheless, the disposal of PUF products is a current concern, facing ecological and environmental problems. In that sense, to avoid their landfill or incineration and its inherent problems, PUF wastes must be recycled. Another approach to this green economy philosophy is using renewable feedstocks in the production of PUF, increasing that way their ecoefficiency. Overall, sustainability is considered of extreme importance to the world and to the competitiveness of companies in the long run, representing a big challenge in the present day to all people. Therefore, this Special Issue of *Applied Sciences* on “Polyurethane Foams: Renewable, Recycled, Recyclable—the Green Economy Applied to the Polyurethane Industry” aims to attract contributions related to the application of the green economy principles to PUF production, namely, renewable, recycled, and/or recyclable PUF.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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