



Recent Advances in Rubber Recycling

Guest Editor:

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Message from the Guest Editor

Dear Colleague,

Dynamic development of the automotive industry and growing demand for rubber products has resulted in an increasing amount of waste rubber, especially in end-of-life tires. Illegally discarded and landfilled waste tires are a serious threat to the environment and human health. Therefore, their further utilization is currently one of the biggest challenges of 21st-century waste management.

At present, the vast majority of waste tires are used as alternative fuel in cement kilns and power plants, which allows energy recovery. The common application of this method is mostly related to economic factors, because alternative industrial recycling technologies are rather limited. On the other hand, laboratory scale research is still pursuing new methods in order to provide competitive environmentally friendly utilization or up-cycling of waste tires.

The Special Issue “Recent Advances in Rubber Recycling” presents a collection of original research and reviews focused on engineering and technical solutions to support the development of the sustainable utilization of waste rubber.





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Message from the Editor-in-Chief

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