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BioPlastics–Emerging Materials for a Circular Economy

Guest Editor:

Prof. Dr. Ramani Narayan

Chemical Engineering & Materials
Science, Michigan State
University, 228 S. Shaw Lane,
East Lansing, MI 48824, USA

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Message from the Guest Editor

Dear Colleagues,

This special issue focuses on “biobased” plastics derived from plant-biomass resources (the beginning of life of the plastic) and “biodegradable-compostable” plastics representing an environmentally responsible end-of-life for the plastics. Chemical recycling offers another responsible end-of-life for bioplastics. These represents essential elements of the circular economy. Articles will report on new materials as well as process innovations, industrially relevant bioplastics, and its responsible end-of-life strategies. Standards, certifications, and regulatory framework articles around the world will be included. Articles in this special issue provides the present state of the science & technology in the bioplastics space and a vision for its future.

Prof. Ramani Narayan

Guest Editor



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Special Issue



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1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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