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BioPlastics–Emerging Materials for a Circular Economy

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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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Message from the Editor-in-Chief

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