



Bioplastics in the Environment

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Message from the Guest Editor

Bioplastics have recently begun to form a big part of our everyday life as consumers and are expected to continue to do so at an exponential rate following various key legislations around the world imposing a ban on several types of conventional plastics.

The goal of this special issue is to tackle some of the above issues in order to highlight the role of bioplastics under a circular economy framework. This SI, therefore, welcomes manuscripts on the following topics as regards to bioplastics:

- Biodegradable vs. compostable vs oxodegradable bioplastics;
- Conversion of organic wastes to bioplastics;
- Other novel materials to manufacture bioplastics;
- Aerobic and anaerobic biodegradability
- Lacks in the existing standards to assess their biodegradability
- Compostable bioplastics at the industrial scale
- Chemical recycling
- Impact of bioplastics on the recycling of conventional plastics
- Indexes to assess their biodegradation
- Economics of their production and use
- Life cycle analyses and carbon footprint of their production and use
- Microplastics generated from bioplastics
- Bioplastics in marine environments





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Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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