



Plastic Waste and Pollution

Guest Editors:

Dr. María Ángeles Martín-Lara

Department of Chemical
Engineering, Faculty of Sciences,
University of Granada, 18071
Granada, Spain

**Prof. Dr. Mónica Calero de
Hoces**

Department of Chemical
Engineering, Faculty of Sciences,
University of Granada, 18071
Granada, Spain

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Message from the Guest Editors

Plastic waste is becoming extremely threatening to the environment due to the high quantities generated, which pose serious harm to both the environment and its inhabitants. A major victim of this menace is the marine environment. Plastic wastes generated on land find their way to water bodies, where they cause detrimental effects such as flooding and poisoning of the animals in the marine ecosystem. The plastics in the marine environment, which are ingested by fish, are also deleterious to human health if such fish are consumed. Notable attempts such as source reduction, reuse, and landfilling have been employed to reduce the critical amount of plastic waste generated annually. However, owing to rapid developments, there has been a persistent increase in the amount of plastic waste generated. Therefore, finding effective alternative ways to recycle this plastic waste will go a long way towards ensuring a sustainable environment.





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School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
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Sustainability Editorial Office
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