

Special Issue

Environmental Education for Plastic Waste Management

Message from the Guest Editor

The growing population and increasing consumption of resources are reflected in a growth in waste quantity. In recent years this has become increasingly noticeable for plastic waste, where littering on land has become a huge problem. The accumulation of plastics in the marine environment poses an even greater challenge. Regarding industrialised countries, the difficulty is in the comprehensive collection of plastic materials for recycling. The growing number of polymer types, colours, additives, and the use of compound materials provide not only a financial challenge, but also technological questions, as material recycling works best with homogeneous materials while producers of food tend to use new colours, materials, and compound materials for packaging. For low-income countries, the situation is more difficult: while the markets are flooded with plastic packaging, there is a lack of infrastructure both for collection and recycling; financial means are limited, and finally there is also a lack of awareness about the management of plastic waste. The latter is addressed by capacity-building programmes.

Guest Editor

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