Special Issue

Separation and Analysis of Micro- and Nanoplastics in the Environment

Message from the Guest Editors

The global production of plastics over the past 50 years has been about 9.1 billion tons, with an annual growth rate of about 8.7%. The use of plastics has brought enormous societal benefits, but also generates large amounts of plastic waste that often ends up in the environment, and research conducted in recent decades has shown various negative effects that have raised global concern about the impact of plastics on the environment. The problem of tiny plastic particles, known as microplastics and nanoplastics, has attracted particular attention in recent years because they are more easily ingested than larger particles. Nowadays, many countries around the world recognize microplastics and nanoplastics as emerging pollutants, which accordingly, receive more attention. Therefore, it is important to monitor the concentration of these particles in the environment and develop simple, efficient, and cost-effective methods to remove them from the environment.[...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/separations/special_issues/0U6M39BIPZ

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