



The Fate of Particulate Organic Material (POM) and Microplastics (MPs) in the Coastal Zone

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Message from the Guest Editor

While during the 20th century, the development and use of plastic polymers has played an essential role in improving the quality of life, the amount and more importantly the mismanaged plastic waste have become a great concern of society and the research community. During manufacturing of plastics, a large variety of additives modifies the plastics, including fillers, stabilizers, flame retardants, UV and thermal stabilizers, pigments and antimicrobial agents, bisphenols (BPs) and trace metals. In addition, with the large surface area of plastics (including microplastics or MPs), they can easily serve as vectors of transport for toxic chemicals (organic and inorganic), alien species, and pathogens from surrounding environment and thus concentrate these harmful agents. Examining how the coastal zone including abiotic and biotic assemblages are affected by plastic pollution, is important for understanding the consequences of such impacts on the ecosystem functioning.





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Message from the Editor-in-Chief

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