

Special Issue

Marine Pollution and Ecological Environment

Message from the Guest Editors

The study of ecotoxicology tries to understand the intimate interactions between toxic compounds and sentinel species, either individually or as assemblages. Other research focuses on the deleterious impacts of these compounds on marine fauna at the community level, highlighting the multiple interactions among species, their habitats and the compounds of interest. In most cases, ecotoxicology differs from classical toxicological studies by approaching these complicated interactions through an interdisciplinary approach, based on state-of-the-art chemical, biochemical (e.g., use of genetic markers), physical (e.g., understanding the structure of the compound of interest for a better understanding of how it interacts at a cellular or molecular level), and ecophysiological (e.g., consumption of growth rate) analyses. The current Special Issue aims to present a collection of papers emphasizing the latest advances in understanding the way that different compounds are inadvertently or purposefully released into marine habitats, and their effect on the diversity and the biology of various taxonomic groups.

Guest Editors

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