



Microorganisms and Marine Biodeterioration

Guest Editors:

Dr. Christine Gaylarde

Department of Microbiology and
Plant Biology, University of
Oklahoma. Norman, OK, USA

Dr. Brenda J. Little

B.J. Little Corrosion Consulting,
LLC, 6528 Alakoko Drive,
Diamondhead, MS, USA

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Message from the Guest Editors

Dear Colleagues,

Organic and inorganic pollution of our oceans is currently of considerable concern. Microorganisms obviously add to these concerns when they are animal or plant pathogens, but we are becoming increasingly aware of the impact of non-pathogenic microorganisms, i.e., algae, archaea, bacteria and fungi, and their potential to ameliorate pollution by degrading aquatic pollutants, such as microplastics and fuels. The identification of the plastisphere, for example, the microbial biofilm that develops on the surface of immersed microplastics, could lead to the development of a species or set of species that can efficiently break down the polluting microparticles.

This Special Issue, covering the microbial activities that lead to the breakdown of materials and the ways in which Humankind can influence them, both positively and negatively, provides an up-to-date view of the importance of microbial biodeterioration in the marine environment.





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Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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