Special Issue

Marine Tribology

Message from the Guest Editors

This Special Issue focuses on lubrication, friction and wear in marine engineering equipment and ships. Marine engineering equipment and high-tech ships are key development fields for ocean exploitation and utilization. The lubrication property of bearing in the power and propulsion system determines the system's working efficiency, dynamic stability and operation effect, which is of vital importance for the operation of marine equipment and ships. To meet the low carbon and environmental protection requirements and the trend for intelligent management in the marine industry, new designs, materials, simulation methods and experimental techniques are needed to improve lubrication performance. I invite you to submit an article related to the subject of this Special Issue, "Marine Tribology". The journal plans to collect 10 pieces of literature related to lubrication and wear in marine equipment and vessels and then publish them in print number is reached. In this Special Issue, original research articles and reviews are welcome. The specific topics of interest for this Special Issue include (but are not restricted to) the following:

Guest Editors

Dr. Tao He

Prof. Dr. Wu Ouyang

Dr. Xingxin Liang

Deadline for manuscript submissions

closed (31 May 2025)

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About the Journal

Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants.*

Editor-in-Chief

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