Special Issue

Green Environmental Protection Technology and Sustainable Marine Development

Message from the Guest Editor

Green technologies are essential for sustainable development and the prevention of global warming.

As for cargo shipping at sea, the combustion of fossil fuels in marine diesel engines is essential for the propulsion of ships, and the emission of CO2 contributes to global warming. The only way to stop CO2 emissions from ships is to change the fuel. During the transition period, gas engines that use methane will be used. Further development of smoothing technology of the hull surface will contribute to the reduction in fuel consumption. In order to continue marine transportation beyond 2030, we need to develop novel marine fuels and marine diesel engines. The prevention of biofouling on a ship's hull is also an important technology to reduce fuel consumption. In this Special Issue, the current status of such technology will be summarized.

The focus of this SI is on novel marine fuels not containing carbon molecules, the development of marine diesel engines for such novel and alternative fuels, and marine paint technologies, etc. Sea-borne transport systems such as marine diesel engine development, alternative marine fuels, and hull smoothing technologies, etc.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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