

**Research Article**

**Analyzing the Attitudes of Turkish Shipowning Companies Towards Green Shipping Application Aiming Sustainable Transportation<sup>1</sup>**

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**Abstract**

Maritime transport is the basis of world trade and globalization. Although maritime transportation has the lowest negative impact on the environment, it has still effecting the environment through shipping emissions, oil spills, solid wastes, sewage and noise pollution from the ships. Therefore, maritime transport activities are becoming one of the most important topics on sustainability debate. This study aims to analyze the attitudes of Turkish shipowning companies towards green shipping applications including a thorough review of the literature and implementing a Delphi research. At the end of the third round of Delphi research, the respondents have reached a consensus on such domains as “company policy and procedures”, “shipping equipment”, “shipper cooperation”, “shipping design and compliance”, as well as the reasons for and the benefits of adapting and implementing green shipping practices. They, however, have not reached consensus on some statements related to “shipping documents”, “shipping materials” and difficulties of “implementing green shipping applications”.

**Keywords:** Maritime Transport, Sustainability, Green Shipping Applications, Environmental Problems, Delphi Research

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