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STATISTICAL PROPERTIES AND ANALYSIS OF MARINE FUEL PRICES

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ABSTRACT

The paper aims to provide a thorough statistical analysis of marine fuel prices, including the high sulphur (HS 380) and marine gas oil (MGO) prices, to indicate bunker price fluctuations in four major world bunkering spots: Houston Rotterdam, Singapore, and Fujairah. In addition, the derived time series of the difference between HS and marine gas oil (MGO) are presented, supporting further operators' decisions on technical and operational measures. This analysis is a necessary step to support decisions related to fuels and in this regard with carbon emissions and levies.

Keywords: Marine fuel prices, Sustainable logistics, Carbon levy

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