

College of Business Academic Research Seminar

Dr Wessam Abouarghoub

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Title:

Navigating Geopolitical Disruptions: The Red Sea Crisis and its Impact on Shipping Industry GHG Emissions

BIO

Dr Wessam Abouarghoub is an Associate Professor at the Department of Operations and Project Management, College of Business, Alfaisal University in Riyadh.

Driven by a passion for cross-disciplinary research spanning supply chain management, transport operations and

business analytics. He also focuses on shipping freight economics and the well-being of maritime personnel, integrating a holistic approach to maritime studies.

ABSTRACT

Amidst growing global concerns over climate change, the shipping industry faces increasing pressure to reduce greenhouse gas (GHG) emissions, which account for approximately 2.9% of global emissions. The Red Sea, a key shipping route, has recently become a focal point of geopolitical tensions, posing risks to global shipping operations and worsening environmental concerns. This presentation evaluates container ships' environmental costs

during the Red Sea crisis and the industry's ability to meet GHG reduction goals. It is part of a broader research effort to improve how we estimate, model, and predict GHG emissions from ships in ports. By addressing the current crisis and long-term sustainability goals, this work provides insights into how geopolitical events impact efforts to reduce maritime emissions.



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12:00 – 01:00 PM



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