

# **Abstract**

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## **THE RISK ASSESSMENT and EFFECTIVE ON THE IMPROVING THE PRODUCTIVITY**

Sea transportation of container freight plays an important role in national and international trade. It has grown rapidly over the last decades and is expected to grow even further throughout the next decades, nowadays the largest container vessels can carry up to 17.000 containers and the largest container ports can handle up to 20 million containers a year. Consequently, Individuals and organizations, manage risk every day, both consciously and unconsciously. The need to do so systematically and explicitly is a matter of transparency, accountability and credibility. Risk is something that may happen in the future. Risk management involves the analysis of scenarios about future events, their likelihood, impact and acceptability to stakeholders, the paper spot the light on the Risk Management for port by showing the risk assessment criteria and structuring, risk assessment stages and the dynamic risk assessment and how its effective on the Improving the Productivity of the Egyptian ports.