

Risk Management for Maritime Logistics

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Abstract

Maritime logistics is regarded as the primary means of transporting goods on a global scale, and have recently attracted by academics and practitioners. The development of maritime logistics is due to the changing role of shipping and logistics chains, rapidly increasing and changing demands of customers. It includes port operations, transportation of goods, global resource utilization, and outsourcing. It also covers new concepts such as managing risks related with maritime operations to improve quality and performance. Risk management has gained importance nowadays. Many methods are used for the risk management problems. The maritime logistics is not widely investigated based on the risk management approach. Otherwise, marine operations have risk problems that affect both the people and the environment. Reduction or preventing of the all risk factors should be ensured using risk management approaches. In this work, I conduct a literature survey about the risk management methods used for maritime logistics. Then, future trends and suggestions are given.

Keywords

Maritime logistics, risk, risk management methods

Biographies

Elifcan Göçmen is a research assistant in Department of Industrial Engineering at the Çukurova University. I am also PhD student in the same department. My research interests include operation research, system simulation, risk management.