

# **Risk Assessment Model Proposal in Logistics Outsourcing process: Masse Market Retailing as a Case Study**

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## **Abstract**

Outsourcing logistics has known a considerable development since 1990. However, though their expected results, most of outsourcing logistics projects could not meet their expectations. The unplanned risk assessment is one of the causes. Therefore, risk assessment has become a main objective in terms of outsourcing.

Our suggestion in this paper would be a creation of a risk assessment model linked to outsourcing logistics process. To achieve this objective, we propose as a first step some modeling tools, and then we will execute the ARIS Model to outsourcing logistics process for the sake of prioritizing, anticipating and managing the risks. Last but not least, our study will end up with an operational model determining guidelines and processes. Our proposal will be validated upon a real outsourcing logistics case which will enable us to understand how the case study is assessing the potential risks and what are their backs up strategies.

## **Keywords:**

Outsourcing logistics, risk assessment, modeling, ARIS Model.

## **Biographies**

**Jabir Arif** is currently serving as an Assistant Professor at Abdelmalek Essaâdi University. He is graduated as a State Engineer from the National School of Applied Sciences, Tangier, Morocco, and he completed his PhD's degree in Industrial Engineering and Logistics at Sidi Mohamed Ben Abdellah University, Fes, Morocco. He's main research area is the Supply Chain Management, Risk Assessment and Industrial engineering. Apart from teaching and research, he is acting as a reviewer for the International Journal of Industrial and Systems Engineering (IJISE) indexed in Scopus. He is also assigned as a reviewer for the 8th International Conference on Industrial Engineering and Operations Management, Bandung, Indonesia.

**Fouad Jawab** is a professor of higher education at the College of Technology of Sidi Mohamed Ben Abdellah University - Fez in Morocco. He is director of the research laboratory in "International Management, Decision and Logistics" (MIDLO)". He is interested in management sciences and industrial engineering. He specializes in the field of logistics, transport, and Supply Chain Management. He is the founder and coordinator of the International Colloquium of Logistics and Supply Chain Management "LOGISTIQUA".