Hajar HILALI

Associate Professor



Présentation

My research work is mainly interested in establishing new methods/approaches of industrial organization and flow management to improve the performance of supply chains. The models and tools developed make it possible to respond to concrete industrial issues, and I am also interested in supporting manufacturers in the implementation of these new methods.

> Laboratoire de recherche : CREM

Thèmes de recherche

- Optimization of production processes and logistics networks
- Risk management in supply chains
- Performance assessment and management of logistics flows
- Decision support through operational research.
- Keywords: supply chain management, risk management, optimization, simulation, supply chain performance

Activités pédagogiques

- Operations Research: foundations of mathematical programming, duality, graph theory
- Simulation in logistics: modeling/simulation of supply chains and decision-making
- Location and coordination: forms of collaboration within supply chains
- Quantitative management techniques in logistics: programming in Excel via VBA