

Ali Ghavamifar

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Thesis Topic:

Modeling the humanitarian-business partnership in humanitarian logistics

Research question:

- How to use the capacity of private sector in relief operations?
- How to prepare a pro-active plan by leveraging the capacity of retail supply chains and logistics service providers in the relief logistics?
- How to coordinate the main players in the relief operations regarding the embedded uncertainties in humanitarian logistics?
- How to use mathematical modeling and operation research to help the DMs for finding the solution of above-mentioned questions?

Presented Conference papers:

- Supply chain design for the emergency supply of blood in disasters. *6th International Symposium on Transportation Network Reliability, The Value of Reliability, Robustness and Resilience-2-3 August 2015, Nara, Japan*
- A novel contract for partnership management in the humanitarian logistics. *POM 2017 - Twenty Eighth Annual Conference, May 5-8, 2017 Seattle, WA, USA.*
- Designing a novel responsive relief pre-positioning network using multi-modal transportation, *European Operations Management Association (EurOMA) 2017 Conference. Edinburgh, Scotland. 1 - 5 July.*

Published ISI Index papers:

- Supply chain design for efficient and effective blood supply in disasters. *International Journal of Production Economics, 183, 700-709 (2017).*
- Designing a resilient competitive supply chain network under disruption risks: A real-world application. *Transportation Research Part E: Logistics and Transportation Review, 115, 87-109 (2018).*

Plans towards completion and beyond:

- Participating in EurOMA 2019 Doctoral Seminar, Helsinki, Finland.
- Finishing Ph.D. by publishing papers in high quality journals such as POM, Omega, IJPE, COR.
- Continuing my study as a post-doc researcher in the field of operation research and supply chain modeling.