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Education

September 2019	University of Kurdistan, Iran
October 2024	● Ph.D. in Industrial Engineering, Optimization ● GPA: 19.59 / 20.0
September 2013	Islamic Azad University, Qazvin Branch, Iran
December 2015	● M.Sc. in Industrial Engineering – Industrial Engineering ● GPA: 17.63 / 20.0

Theses

- Relief Logistics Planning Considering Flexibility, Multiple Crews, and Transportation Network Repair Prioritization (Ph.D's thesis). (2024)
- Developing a Fuzzy Multi-Objective Programming Model and Solution Approach for an Open Location-Routing Problem with Split Delivery and Multimodal Transportation for Optimal Relief Distribution after Earthquakes under Uncertainty. (Master's thesis).(2015)

Research Interests

- Mathematical Modeling and Optimization for Complex Decision-Making Problems
- Network Design and Optimization
- Coordination and Scheduling of Disaster Management Operations
- Humanitarian Logistics
- Planning, Recovery, and Repair of Post-Earthquake Infrastructure Networks
- Optimal Resource and Equipment Allocation
- Multi-Objective Optimization
- Decision-Making and Optimization under Uncertainty

Publications

- Rescheduling and synchronization of relief operations in a dynamic and flexible environment considering aftershock effects.(2025), *Computers & Industrial Engineering*
- The planning of the distribution of relief items and road network repair through multiple heterogeneous crews and prioritizing damaged roads under a flexible and uncertain environment.(2024) , *Computers & Industrial Engineering*
- Robust integrated multi-mode scheduling of flexible loading and unloading operations with maintenance services in a port container terminal. (2024), *Ocean and Coastal Management*
- Planning for relief distribution, victim evacuation, redistricting and service sharing under uncertainty.(2022). *Socio-Economic Planning Sciences*
- Bi-objective optimization for integrating quay crane and internal truck assignment with challenges of trucks sharing.(2019). *Knowledge-Based Systems*
- Multi-objective, multi-period location-routing model to distribute relief after earthquake by considering emergency roadway repair.(2018). *Neural Computing and Applications*
- A Two-Stage Multi-Objective Location-Routing-Inventory Model for Humanitarian Logistics Network Design under uncertainty.(2018). *International Journal of Disaster Risk Reduction*
- Multi-objective open location-routing model with multiple transportation modes and split delivery for designing relief distribution networks under uncertainty. (2018).*Scientia Iranica*

Conference Papers

- A Bi-Objective Mathematical Model for a Multi-Period Location-Routing Problem Considering Split Delivery in Relief Logistics. *3rd International Conference on Recent Innovations in Industrial and Mechanical Engineering, Fall 2016.*
- A Robust Optimization Approach for a Location-Routing Problem Considering Full Truckload in a Green Supply Chain Network. *7th International Conference on Logistics and Supply Chain Management, December 2020.*