

- Pishvae, M. S., Farahani, R. Z., & Dullaert, W. 2010b. "A Memetic Algorithm for Bi-Objective Integrated Forward/reverse Logistics Network Design." *Computers & Operations Research* 37 (6): 1100–1112.
- Vahdani, Behnam, Reza Tavakkoli-Moghaddam, Fariborz Jolai, and Arman Baboli. 2013. "Reliable Design of a Closed Loop Supply Chain Network under Uncertainty: An Interval Fuzzy Possibilistic Chance-Constrained Model." *Engineering Optimization* 45 (6): 745–765.
- Wang, Fan, Xiaofan Lai, and Ning Shi. 2011. "A Multi-Objective Optimization for Green Supply Chain Network Design." *Decision Support Systems* 51 (2): 262–269.
- Yi, P., Huang, M., Guo, L., & Shi, T. (2016). A retailer oriented closed-loop supply chain network design for end of life construction machinery remanufacturing. *Journal of Cleaner Production*, 124, 191-203.

Biographies

Awsan Mohammed is an assistant professor of Construction Engineering and Management at King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia. He received his B.Sc. in Industrial Engineering from the University of Jordan. Then he got his M.Sc. in Industrial Engineering from the Jordan University of Science and Technology, Jordan and Ph.D. from Systems Engineering department at King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia. His research interests include Modeling and Optimization of Supply Chain and Meta Heuristics algorithms.

Salih O. Duffuaa is a Professor of Industrial and Systems Engineering at the Department of Systems Engineering at King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia. He received his BS and a higher Diploma from the University of Khartoum, Sudan and PhD in Operations Research from the University of Texas at Austin, USA. His research interests are in the areas of Operations Research, Optimization, Quality and supply chain optimization. He published over hundred papers in refereed journals and conferences. His work appeared in the Journal of Optimization Theory and Applications (JOTA), European Journal of Operational Research (EJOR), Journal of the Operational Research (JORS) and other reputed journals. He authored a book on maintenance planning and control published by John Wiley and Sons and 2nd edition of the same book published by Springer. He is the Editor of the Journal of Quality in Maintenance Engineering.

Ahmed M. Ghaitan is an assistant professor of Construction and Engineering Management at King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia. He received his B.Sc. in Mechanical Engineering from Hashemite University, Jordan. Then he got his M.Sc. in Industrial Engineering from Jordan University of Science and Technology, Jordan. His research interests are in the area of operations research, production and inventory control, supply chain modeling and design, quality control, and decision making under uncertainty. His work has appeared in journals such as Computer & Industrial Engineering, Applied Mathematical Modelling, and Quality Engineering.