

## Dr. ADNAN ÇORUM

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### EDUCATION

Ph.D., Engineering Management. Marmara University, Istanbul, Turkey (2013)  
CGPA: 92/100.

M.S., Industrial Engineering. Marmara University, Istanbul, Turkey (2006)  
CGPA: 89/100.

B.S., Industrial Engineering. Eastern Mediterranean University, Famagusta, Cyprus (2003)  
CGPA: 3.53/4.00 (Top student of the department).

### WORK EXPERIENCES

(2014- ) Asst. Prof. Bahçeşehir University, Dept. of Industrial Eng., Istanbul.

(2008-2014) Instructor. Bahçeşehir University, Dept. of Industrial Eng., Istanbul.

(2005-2008) Res. Asst. Bahçeşehir University, Dept. of Industrial Eng., Istanbul.

### PUBLICATIONS

#### Journal papers

1. Timur, R.S., Demir, G., Çoban, A., **Corum, A.**, Bozbura, T. (2011) Decreasing water resources and a comprehensive approach to seawater reverse osmosis (SWRO): Case Study- Cost Analysis of a Sample SWRO System. *Desalination and Water Treatment*, 26, 145-151.
2. Timur, R.S., **Corum, A.**, Okten, H.E., Çoban, A., Demir, G., Bozbura, T. (2011) Comparative Cost Analysis of Pressure Exchanger (PX) and Turbine Type Energy Recovery Devices at Seawater Reverse Osmosis (SWRO) Plants. *Journal of Environmental Protection and Ecology*, 12(3), 1186–1194.
3. Ozdemir, H., **Corum, A.**, Yoruk, C., Yalcin, E., Demir, G. (2013) Environmental, Energy, and Economic Comparison of Mineral and Traditional Paper Production. *International Journal of Chemical and Environmental Engineering*, 4(5), 316-318.
4. **Corum, A.**, Vayvay, Ö, Bayraktar, E. (2014) The Impact of Remanufacturing on Total Inventory Cost and Order Variance. *Journal of Cleaner Production*, 85, 442-452.
5. Okten, H.E., **Corum, A.**, Demir, H.H. (2015) A Comparative Economical Analysis for Medical Waste Treatment Options. *Environment Protection Engineering*, 41 (3), 137-145.
6. **Corum A.**, Akbiyik E., Demir G. (2015). Otobüs Yolu Uygulamasının Ekonomik Analizi: Millet Caddesi Örneği. *Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi*, 21(4), 145-151.
7. Beskese A., **Corum, A.**, Anolay M. (2019) A model proposal for ERP system selection in automotive industry. *International Journal of Industrial Engineering: Theory, Applications and Practice*, 26(3), 317-342.
8. Ozcan, S., **Corum, A.** (2019) A Scientometric Analysis of Remanufacturing by Mapping Scientific, Organizational and National Concentration Zones. *IEEE Transactions on Engineering Management*.

9. Karahacıoğlu, A., **Corum, A.** (2020). Asfalt Yolların Yasam Döngüsü Maliyet Analizi: İstanbul O3 Otoyolunda Uygulanması. *Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi*, 12(1), 32-39.
10. Kartal U., **Corum, A.** (2020). Konut Fiyatını Belirleyen Regresyon Denklemi: Maltepe İlçesi Örneği. *International journal of advances in engineering and pure sciences*, 32(1), 57-67.

### Conference papers

1. **Corum, A.** (2006) Facility location problem. 10<sup>th</sup> International Research/Expert Conference Trends in the Development of Machinery and Associated Technology (TMT), September 11-15, Barcelona-Loret de Mar, Spain.
2. **Corum, A.**, Vayvay, Ö., Bayraktar, E. (2013) Performance analysis of push and pull strategies in hybrid manufacturing/remanufacturing systems. 4<sup>th</sup> Annual Conference of the European Decision Science Institute (EDSI), June 16-19, Budapest, Hungary.
3. **Corum, A.**, Arsenyan, J. (2014) Feasibility of the wind farms: Case study in Turkey. 12th Eurasia Business and Economics Society (EBES) Conference, January 9-11, Singapore.
4. **Corum, A.**, Ozdemir, H., Demir, G. (2014) Comparative cost analysis of paper production: Traditional vs. recycling. 12th Eurasia Business and Economics Society (EBES) Conference, January 9-11, Singapore.
5. **Corum, A.**, Sakar, B. (2014) Adapting ERP systems in higher education. The 12th International Conference Information Technologies and Management, April 16-17, Riga, Latvia.
6. Sakar, B., **Corum, A.** (2014) Analysis of students' evaluations of university teaching in Turkey. The 12th International Conference Information Technologies and Management, April 16-17, Riga, Latvia.
7. **Corum, A.** (2014) Remanufacturing as a product recovery strategy: A review. 13th Eurasia Business and Economics Society (EBES) Conference, June 5-7, İstanbul, Turkey.
8. Arsenyan J., **Corum A.** (2014). Inovasyona Etki Eden Faktörler. 14. Üretim Araştırmaları Sempozyumu, Sep 3-5, İstanbul, Türkiye.
9. **Corum, A.**, Arsenyan, J. (2015) Innovation return on R&D investment. 15th Eurasia Business and Economics Society (EBES) Conference, January 8-10, Lisbon, Portugal.
10. **Corum, A.** (2016) Crowdsourcing applications in sales activities. 7th Annual Conference of the European Decision Science Institute (EDSI), May 24- 27, Helsinki, Finland.
11. AlHachmi, M, **Corum, A.** (2017) The relationship between human resource practices and innovation performance. 8th Annual Conference of the European Decision Science Institute (EDSI), May 29- June 1, Granada, Spain.
12. Havger, M, **Corum, A.** (2018) The role of information technology management in business process reengineering. 9th Annual Conference of the European Decision Science Institute (EDSI), June 3- 6, Udine & Venice, Italy.
13. Camci, A., Temur, G., Beskese, A., **Corum A.**, Sivri C., Cevahiroğlu H. (2018). Türkiye’de Hazır Giyim ve Konfeksiyon Sektörü için Endüstri 4.0 Dönüşümü. Mühendislik ve Teknoloji Yönetimi Zirvesi (ETMS), İstanbul, Türkiye.
14. Çağlar, Z., **Corum, A.** (2019) SAP system implementation: A case study in a public institution of Turkey. International Conference on Industrial Engineering and Operations Management, July 23- 26, Pilsen, Czech Republic.

### Book chapters

1. **Corum, A.** (2015) Mühendislik ve etik, Güncel yaklaşımlar ışığında etik, Beta (ISBN: 978-605-333-246-6)
2. **Corum, A.** (2016) Remanufacturing, an added value product recovery strategy. Handbook of Research on Waste Management Techniques for Sustainability, IGI Global (ISBN: 9781466697232)
3. Kasımoğlu B., **Corum, A.** (2020) Endüstri 4.0’ın Intralojistik Sistemler Üzerine Getireceği Etkiler. Oyun Degistiren Güç: Yapay Zeka, Beta (ISBN: 978-605-242-668-5)

## **COURSES GIVEN**

Operations Management  
Production Planning and Control  
ERP Systems (with SAP)  
Engineering Economy  
Operations Research  
Project Management

## **RESEARCH INTERESTS**

Environmentally conscious manufacturing systems, remanufacturing systems, economic feasibility analysis of systems, ERP systems, supply chain management.