

## **Asst. Prof. GONCA YILDIRIM**

### **Personal Information**

**Email:** goncayildirim@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/goncayildirim>

### **International Researcher IDs**

ORCID: 0000-0003-1308-5122

Publons / Web Of Science ResearcherID: GVS-9168-2022

ScopusID: 35076806200

Yoksis Researcher ID: 45908

### **Education Information**

Doctorate, University of Florida, The Graduate School/Herbert Wertheim College of Engineering/Industrial and Systems Engineering, United States Of America 2006 - 2012

Postgraduate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Industrial Engineering, Turkey 1998 - 2001

Undergraduate, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 1993 - 1998

### **Foreign Languages**

English, C2 Mastery

### **Dissertations**

Doctorate, A Demanufacturer's Optimal Acquisition, Pricing, and Inspection Planning Problems under the Trade-off between Environmental Fees and Operational Costs, University of Florida, The Graduate School/Herbert Wertheim College of Engineering/Industrial and Systems Engineering, 2012

Postgraduate, A Dynamic Pricing Policy for Perishables with Stochastic Demand, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Industrial Engineering, 2001

### **Research Areas**

Optimization Theory and Methods, Inventory Systems

### **Academic Titles / Tasks**

Assistant Professor, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2022 - Continues

Assistant Professor, Cankaya University, Faculty Of Engineering, Department Of Industrial Engineering, 2013 - 2022

Lecturer, Cankaya University, Faculty Of Engineering, Department Of Industrial Engineering, 2012 - 2013

Research Assistant, University of Florida, The Graduate School/Herbert Wertheim College of Engineering/Industrial and Systems Engineering, 2006 - 2012

Research Assistant, University of Central Florida, The Graduate School/College of Engineering and Computer Science/Industrial Engineering and Management Systems, 2003 - 2006

Lecturer, Cankaya University, Faculty Of Engineering, Department Of Industrial Engineering, 1999 - 2003

Research Assistant, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Industrial Engineering, 1998 - 1999

## Advising Theses

Yildirim G., Satir B., Public city bus fleet replacement and assignment decisions considering total costs of carbon emissions and bus fleet ownership, Postgraduate, H.HORASANLI(Student), 2021

Yildirim G., Pricing and remanufacturing decisions with speculators and strategic consumers, Postgraduate, S.YOZGAT(Student), 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **DESIGNING AN ANNUAL LEAVE SCHEDULING POLICY: CASE OF A FINANCIAL CENTER**  
Yildirim G., Aydemir-Karadag A.  
JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, vol.18, no.4, pp.2927-2958, 2022 (SCI-Expanded)
- II. **Cycle cost considerations in a continuous review inventory control model**  
Konur D., Yildirim G.  
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.72, no.4, pp.800-821, 2021 (SCI-Expanded)
- III. **A General Production and Financial Planning Model: Case of a Poultry Integration**  
Satir B., Yildirim G.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.45, no.8, pp.6803-6820, 2020 (SCI-Expanded)
- IV. **On pricing of perishable assets with menu costs**  
Berk E., Gurler U., Yildirim G.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.121, no.2, pp.678-699, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Design of a Rectangular Parking Lot Using a Cutting-Stock Formulation**  
YILDIRIM G., YILDIRIM B., SATIR B.  
Çankaya Üniversitesi Bilim ve Mühendislik Dergisi, vol.16, no.1, pp.1-16, 2019 (Peer-Reviewed Journal)
- II. **Broiler house performance analysis and chick entrance planning for a broiler chicken integration**  
Satir B., Yıldırım G., Kırca Ö.  
İstatistik Araştırma Dergisi, vol.9, no.3, pp.54-63, 2012 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Toward Sustainability: A Review of Analytical Models for Circular Supply Chains**  
Ülkü M. A., Skinner D. M., YILDIRIM G.  
in: Circular Economy Supply Chains: From Chains to Systems, Bals Lydia, Tate Wendy L., Ellram, Lisa M., Editor, Emerald Publishing Limited, Bingley, pp.215-236, 2022
- II. **Carrier Selection for Less-Than-Truckload (LTL) Shipments**  
Konur D., YILDIRIM G., CESARET B.  
in: International Encyclopedia of Transportation, Vol. 3, Vickerman Roger, Editor, Elsevier, Oxford, pp.388-394, 2021

## Refereed Congress / Symposium Publications in Proceedings

- I. **News vendor Model with Environmental Regulations under Partial Demand Information**  
KONUR D., YILDIRIM G.  
INFORMS Annual Meeting, Anaheim, United States Of America, 24 - 27 October 2021
- II. **Cycle Costs in Continuous Review Inventory Control**  
KONUR D., YILDIRIM G.  
INFORMS Annual Meeting, Seattle, United States Of America, 20 - 23 October 2019
- III. **Planning Accumulated Employee Vacations under Varying Workload and Contractual Restrictions**  
AYDEMİR KARADAĞ A., YILDIRIM G.  
INFORMS Annual Meeting, Houston, United States Of America, 22 - 25 October 2017
- IV. **Optimizing Healthcare Facility Locations to Intervene a Fast Spreading Epidemic**  
YILDIRIM G., AYDEMİR KARADAĞ A.  
INFORMS Annual Meeting, Houston, United States Of America, 22 - 25 October 2017
- V. **Improving Evaluation System of Program Educational Objectives and Outcomes based on MÜDEK Criteria Using Fuzzy Approach**  
BAŞKIR M. B., YILDIRIM G., YILDIRIM F.  
4th International Fuzzy Systems Symposium, İstanbul, Turkey, 05 November 2015, pp.362-368
- VI. **Stabilizing Costs in a Continuous Review Inventory System: A Bi-Objective Approach**  
YILDIRIM G., KONUR D.  
INFORMS Annual Meeting, San-Francisco, Costa Rica, 9 - 12 November 2014
- VII. **Inspection Schemes for Part Recovery under Demand Uncertainty**  
YILDIRIM G., AKÇALI E.  
INFORMS Annual Meeting, Charlottetown, Canada, 13 - 16 November 2011
- VIII. **Part Recovery under Quality and Demand Uncertainty with Environmental Costs**  
YILDIRIM G., AKÇALI E.  
INFORMS Annual Meeting, Austin, United States Of America, 7 - 10 November 2010
- IX. **Inventory Planning in Multi-Component Product Recovery under Environmental Fees**  
YILDIRIM G., AKÇALI E., BAYINDIR Z. P.  
INFORMS Annual Meeting, San Diego, United States Of America, 11 - 14 October 2009
- X. **Sansürlü veriler temelinde yeniden örnekleme tekniklerine dayalı tahmin edicilerin istatistiksel değerlendirilmesi**  
YILDIRIM F., YILDIRIM G.  
3. İstatistik Kongresi, Antalya, Turkey, 16 - 20 April 2003, pp.167-172

## Other Publications

- I. **Framework for modeling emergency evacuation**  
Radwan E., Mollaghasemi M., Mitchell S., Yıldırım G.  
Technical Report, pp.1-47, 2005

## Patent

Yıldırım B., Yıldırım G., BİR MERDİVEN TERTİBATLANMASI, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: 2018 11967 , Standard Registration, 2021

## Metrics

Publication: 19

Citation (WoS): 14

Citation (Scopus): 19

H-Index (WoS): 2

H-Index (Scopus): 3