

# Prof. BİLGE BİLGİN

## Personal Information

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## International Researcher IDs

ORCID: 0000-0002-2361-0413

Publons / Web Of Science ResearcherID: P-7605-2015

ScopusID: 6508137415

Yoksis Researcher ID: 7011

## Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2000 - 2005

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey 1995 - 1999

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1991 - 1995

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Modeling of various distribution planning problems within supply chain, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2005

Postgraduate, Application of tabu search technique to single machine scheduling problems, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 1999

## Research Areas

Industrial Engineering , Optimization Theory and Methods, Supply Chain and Logistics Management

## Academic Titles / Tasks

Professor, Technische Universitaet München, 2025 - Continues

Professor, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2017 - Continues

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2011 - 2017

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2007 - 2011

Researcher, Technische Universitaet Berlin, Production and Operations Management, 2006 - 2007

Lecturer, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2005 - 2007

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 1997 - 2005

## Courses

### Doctorate

PhD Thesis, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022

PhD Research, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022

### Postgraduate

MSc Research, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Transportation and Supply Chain Systems, Postgraduate, 2023 - 2024, 2022 - 2023

MSc Seminar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

MSc Thesis, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

### Undergraduate

Supply Chain Modeling and Analysis, Undergraduate, 2023 - 2024, 2022 - 2023

Seminer, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Bitirme Projesi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

İş Etüdü ve İnsan Faktör Mühendisliği, Undergraduate, 2023 - 2024, 2022 - 2023

Mühendisler için Ekonomi, Undergraduate, 2022 - 2023, 2021 - 2022

## Supervised Theses

BİLGEN B., Belirsizlik altında biyokütle tedarik zinciri planlama, Postgraduate, M.KARASHAHİN(Student), 2022

BİLGEN B., Zeytinyağı endüstrisi için hasat ve üretim planlama optimizasyonu, Postgraduate, T.TAŞKINER(Student), 2020

BİLGEN B., Üretim planlamada risk yönetimi, Postgraduate, E.SEDEF(Student), 2019

BİLGEN B., Biyokütle tedarik zinciri ağ tasarımı optimizasyonu, Postgraduate, Y.GİTAL(Student), 2018

BİLGEN B., Sağlık endüstrisinde operasyonel kararlar için yönelem araştırması teknikleri, Doctorate, A.MELİH(Student), 2018

BİLGEN B., Proses endüstrisi kapsamında tedarik zincirinde planlama ve çizelgeleme, Doctorate, Ç.SEL(Student), 2015

BİLGEN B., Kalite fonksiyonu yayılımı ve hizmet sektöründe uygulanması, Postgraduate, H.AKBAŞ(Student), 2014

BİLGEN B., Tüketim malları endüstrisinde üretim dağıtım planlama, Postgraduate, Y.ÇELEBİ(Student), 2012

BİLGEN B., Altı sigma ve otomotiv endüstrisinde bir uygulama, Postgraduate, M.ŞEN(Student), 2010

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, June, 2023

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül University, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül University, January, 2023

Academic Staff Examination, Academic Staff Examination, Dokuz Eylül University, January, 2023

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İzmir Bakırçay Üniversitesi, August, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İzmir Bakırçay Üniversitesi, August, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İzmir Demokrasi Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2022

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

- I. **Resilient strategies for managing supply and facility disruptions in a biomass supply chain**  
Gital Y., Bilgen B.  
APPLIED ENERGY, vol.372, no.123808, pp.1-17, 2024 (SCI-Expanded)
- II. **Biomass supply chain network design under uncertainty, risk and resilience: A systematic literature review**  
Gital Y., Bilgen B.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.193, no.110270, pp.1-26, 2024 (SCI-Expanded)
- III. **A machine learning-based two-stage approach for the location of undesirable facilities in the biomass-to-bioenergy supply chain**  
Yunusoglu P., Ozsoydan F. B., Bilgen B.  
APPLIED ENERGY, vol.362, no.122961, pp.1-30, 2024 (SCI-Expanded)
- IV. **Optimization of an integrated harvest, and process planning model in the agri-food industry**  
Bilgen B., Taşkner T.  
JOURNAL OF ENGINEERING RESEARCH, vol.0, no.https://doi.org/10.1016/j.jer.2023.09.036, 2023 (SCI-Expanded)
- V. **A mat-heuristic based solution approach for an extended nurse rostering problem with skills and units**  
Turhan A. M., BİLGEN B.  
SOCIO-ECONOMIC PLANNING SCIENCES, vol.82, 2022 (SCI-Expanded)
- VI. **Multi-objective optimization of sustainable biomass supply chain network design**  
Durmaz Y. G., BİLGEN B.  
APPLIED ENERGY, vol.272, 2020 (SCI-Expanded)
- VII. **A hybrid fix-and-optimize and simulated annealing approaches for nurse rostering problem**  
Turhan A. M., BİLGEN B.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.145, 2020 (SCI-Expanded)
- VIII. **Planning and scheduling of the make-and-pack dairy production under lifetime uncertainty**  
Sel C., BİLGEN B., Bloemhof-Ruwaard J.  
APPLIED MATHEMATICAL MODELLING, vol.51, pp.129-144, 2017 (SCI-Expanded)
- IX. **An integrated fuzzy QFD and TOPSIS methodology for choosing the ideal gas fuel at WWTPs**  
Akbas H., BİLGEN B.  
ENERGY, vol.125, pp.484-497, 2017 (SCI-Expanded)
- X. **Mixed integer programming based heuristics for the Patient Admission Scheduling problem**  
Turhan A. M., BİLGEN B.  
COMPUTERS & OPERATIONS RESEARCH, vol.80, pp.38-49, 2017 (SCI-Expanded)

- XI. **An integrated prediction and optimization model of biogas production system at a wastewater treatment facility**  
Akbas H., BİLGEN B., Turhan A. M.  
BIORESOURCETECHNOLOGY, vol.196, pp.566-576, 2015 (SCI-Expanded)
- XII. **Multistage Production Planning in the Dairy Industry: A Mixed-Integer Programming Approach**  
BİLGEN B., Dogan K.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.54, no.46, pp.11709-11719, 2015 (SCI-Expanded)
- XIII. **Multi-bucket optimization for integrated planning and scheduling in the perishable dairy supply chain**  
Sel C., BİLGEN B., Bloemhof-Ruwaard J., van der Vorst J.  
Computers and Chemical Engineering, vol.77, pp.59-73, 2015 (SCI-Expanded)
- XIV. **Quantitative models for supply chain management within dairy industry: a review and discussion**  
Sel C., BİLGEN B.  
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.9, no.5, pp.561-594, 2015 (SCI-Expanded)
- XV. **Hybrid simulation and MIP based heuristic algorithm for the production and distribution planning in the soft drink industry**  
Sel C., BİLGEN B.  
JOURNAL OF MANUFACTURING SYSTEMS, vol.33, no.3, pp.385-399, 2014 (SCI-Expanded)
- XVI. **Integrated production scheduling and distribution planning in dairy supply chain by hybrid modelling**  
BİLGEN B., Celebi Y.  
ANNALS OF OPERATIONS RESEARCH, vol.211, no.1, pp.55-82, 2013 (SCI-Expanded)
- XVII. **Project selection through fuzzy analytic hierarchy process and a case study on Six Sigma implementation in an automotive industry**  
BİLGEN B., Sen M.  
PRODUCTION PLANNING & CONTROL, vol.23, no.1, pp.2-25, 2012 (SCI-Expanded)
- XVIII. **Possibilistic Mixed Integer Linear Programming Approach for Production Allocation and Distribution Supply Chain Network Problem in the Consumer Goods Industry**  
BİLGEN B.  
SUPPLY CHAIN COORDINATION UNDER UNCERTAINTY, pp.505-524, 2011 (SCI-Expanded)
- XIX. **Integrated production and distribution planning in the fast moving consumer goods industry: a block planning application**  
Bilgen B., Guenther H. -.  
OR SPECTRUM, vol.32, no.4, pp.927-955, 2010 (SCI-Expanded)
- XX. **Application of fuzzy mathematical programming approach to the production allocation and distribution supply chain network problem**  
Bilgen B.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.37, no.6, pp.4488-4495, 2010 (SCI-Expanded)
- XXI. **Supply chain network modeling in a golf club industry via fuzzy linear programming approach**  
Bilgen B.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.21, no.4, pp.243-253, 2010 (SCI-Expanded)
- XXII. **Modeling of a blending and marine transportation planning problem with fuzzy mixed-integer programming**  
Bilgen B.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.36, no.9-10, pp.1041-1050, 2008 (SCI-Expanded)
- XXIII. **A mixed-integer linear programming model for bulk grain blending and shipping**  
Bilgen B., Ozkarahan I.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.107, no.2, pp.555-571, 2007 (SCI-Expanded)
- XXIV. **Fuzzy linear programming approach to multi-mode distribution planning problem**  
BİLGEN B., Ozkarahan I.

KNOWLEDGE-BASED INTELLIGENT INFORMATION AND ENGINEERING SYSTEMS, PT 1, PROCEEDINGS, vol.4251, pp.37-45, 2006 (SCI-Expanded)

- XXV. **Integrating AI and OR: An industrial engineering perspective**  
Ozkarahan I., Topaloglu S., Araz C., BİLGİN B., Selim H. S.  
ADVANCES IN INFORMATION SYSTEMS, PROCEEDINGS, vol.3261, pp.499-511, 2004 (SCI-Expanded)
- XXVI. **Strategic tactical and operational production-distribution models: a review**  
Bilgen B., Ozkarahan I.  
INTERNATIONAL JOURNAL OF TECHNOLOGY MANAGEMENT, vol.28, no.2, pp.151-171, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Optimization Models for Harvest and Production Planning in Agri-Food Supply Chain: A Systematic Review**  
Taskiner T., BİLGİN B.  
LOGISTICS-BASEL, vol.5, no.3, 2021 (ESCI)
- II. **An integrated mathematical model for the milk collection problem**  
POLAT O., KALAYCI C. B., BİLGİN B., Topaloglu D.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.25, no.9, pp.1087-1096, 2019 (ESCI)
- III. **Tedarik zinciri ağı içerisinde üretim planlama problemi için melez analitik benzetim çözüm yaklaşımı**  
BİLGİN B., Cansu Pınar D.  
Dokuz Eylül Üniversitesi Mühendislik Bilimleri Dergisi, vol.13, no.3, pp.63-77, 2011 (Peer-Reviewed Journal)
- IV. **An iterative fixing variable heuristic for solving a combined blending and distribution planning problem**  
BİLGİN B.  
Lecture Notes in Computer Science, vol.4310, pp.231-238, 2007 (Peer-Reviewed Journal)
- V. **Possibilistic Linear Programming in the Blending and Rail Road Transportation Planning Problem**  
BİLGİN B.  
Lecture Notes in Artificial Intelligence, vol.4578, pp.20-27, 2007 (Scopus)

## Books

- I. **Possibilistic mixed integer linear programming approach for production allocation and distribution supply chain network problem in the consumer goods industry**  
Bilgen B.  
in: Supply Chain Coordination under Uncertainty, Tsan-Ming Choi T.C. Edwin Cheng, Editor, Springer, London/Berlin, Heidelberg, pp.505-524, 2011

## Papers Published in Refereed Scientific Meetings

- I. **Resilient Biomass Supply Chain Network Design Under Uncertainty**  
Gital Y., Bilgen B.  
41. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Denizli, Turkey, 26 - 28 October 2022, pp.142
- II. **Modeling and Solving a Harvest and Production Planning Problem in the Agri-Food Industry**  
Bilgen B., Taşkın T.  
41. Yöneylem Araştırması Endüstri Mühendisliği Ulusal Kongresi, Denizli, Turkey, 26 - 28 October 2022, pp.121
- III. **Optimization of Harvest and Production Planning for Olive Oil Industry**

- Taşkıner T., BİLGEN B.  
International Design and Engineering Symposium, 10 - 12 October 2019, pp.368-372
- IV. **A MATHEMATICAL MODEL FOR THE MILK COLLECTION PROBLEM WITH VARIOUS MILK TYPES**  
POLAT O., KALAYCI C. B., BİLGEN B., Topaloğlu D.  
16th International Logistics and Suly Chain Congress, Denizli, Turkey, 18 - 20 October 2018, pp.478-483
- V. **Production Planning Problem with under Uncertainty in Electronics Industry: CVAR Method**  
Sedef E., BİLGEN B.  
LMSCM 2018, 18 - 20 October 2018, pp.217-220
- VI. **Sustainable Biomass Supply Chain Optimization: A Review**  
GİTAL Y., BİLGEN B.  
LMSCM 2018, 18 - 20 October 2018, pp.250-254
- VII. **ULUSLARARASI INTERMODAL TAŞIMA AĞINDA OPTIMAL ROTA SEÇİMİ**  
Özdemir M., İnkaya B., BİLGEN B.  
Uluslararası Katılımlı III. Ulusal Liman Kongresi, İzmir, Turkey, 2 - 03 November 2017
- VIII. **Biomass Supply Chain: A Literature Review**  
BİLGEN B., Gital Y.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.157
- IX. **An Integrated Multi-Criteria Decision Model and TheDetermination Of Order Of Importance Of Gas Fuels AtWastewater Treatment Plants**  
Akbaş H., BİLGEN B.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.404
- X. **Quaity Function Deployment And An Its Application To ImproveThe Characteristics Of Biogas Produced At Wastewater Treatment Plants**  
Akbaş H., BİLGEN B.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.402
- XI. **A Fix-and-relax Heuristic for Solving the Dynamic Patient Admission Scheduling Problem**  
Turhan A. M., BİLGEN B.  
MOPTA2017 Modeling and optimization theory and applications, 16 - 18 August 2017
- XII. **An Integrated Model for Blending and Intermodal Transportation in the Wheat Transportation Distribution Network**  
BİLGEN B.  
THE 14TH INTERNATIONALLOGISTICS AND SUPPLY CHAIN CONFERENCE, 1 - 02 December 2016
- XIII. **Production Planning in Dairy Industry under Demand Uncertainty**  
BİLGEN B.  
OR 2016, Hamburg, Germany, 30 August - 02 September 2016
- XIV. **Fix and Relax Heuristic for the Patient Admission Scheduling Problem**  
Turhan A., BİLGEN B.  
NEDSI 2016, 31 March - 02 April 2016
- XV. **An adaptive network based fuzzy inference system (ANFIS) formodelling biogas production process at a wastewater treatment facility**  
Akbaş H., BİLGEN B.  
Üretim Araştırmaları Sempozyumu, 14 - 16 October 2015, pp.1121-1130
- XVI. **An Adaptive Network Based Fuzzy Inference System for Modelling Biogas Production Process at a Wastewater Treatment Plant**  
Akbaş H., BİLGEN B.  
Uluslararası Katılımlı Üretim Araştırmaları Sempozyumu, 14 - 16 October 2014
- XVII. **Mixed integer linear programming model for the multi stage production planning problem in dairy industry**

- BİLGEN B.  
International Conference on Operational Research, Austria, 1 - 04 September 2015
- XVIII. **Mixed Integer Programming Based Heuristics for the Patient Admission Scheduling Problem**  
BİLGEN B., Aykut Melih T.  
INFORMS Healthcare 2015, United States Of America, 28 - 31 July 2015
- XIX. **Planning and Scheduling of MultiproductMultistage Semicontinuous Production with Perishability and Waste Considerations: Dairy Supply Chain**  
SEL Ç., BİLGEN B.  
IFORS 2014, 13 - 18 July 2014
- XX. **Production Planning in Dairy Industry: An Industrial Case Study**  
BİLGEN B.  
IFORS 2014, 13 - 18 July 2014
- XXI. **MILP Model for Planning and Scheduling of Multiproduct Multistage Semicontinuous Production Process: Dairy Industry Supply Chain**  
SEL Ç., BİLGEN B.  
EURO 2013, 1 - 04 July 2013
- XXII. **A MILP Model for Planning and Scheduling of Make and Pack ProductionProcess: Dairy Industry Supply Chain**  
SEL Ç., BİLGEN B.  
IIE 2013, 26 - 28 June 2013
- XXIII. **A Mixed Integer Programming Model for Shelf Life Integrated Planning,Scheduling and Distribution in Yoghurt Production**  
SEL Ç., BİLGEN B.  
EURO 2012, 8 - 11 July 2012
- XXIV. **Application of fix and optimize heuristic to the production allocation and distribution supply chain network problem**  
SEL Ç., BİLGEN B.  
IX International Logistics Supply Chain Congress, 27 October - 29 November 2011, pp.95-100
- XXV. **Bir Tersine Lojistik Ağ Tasarımı Modeli: MatematikselProgramlama Yaklaşımı**  
MIZRAK ÖZFIRAT P., BİLGEN B.  
9. Ulusal Üretim Araştırmaları Sempozyumu, ESKİŞEHİR, Turkey, 15 - 17 October 2009, pp.464-469
- XXVI. **A fuzzy programming approach for an integrated production and distribution planning problem with uncertain conditions**  
BİLGEN B.  
23rd European Conference on Operational Research, 5 - 08 July 2009
- XXVII. **Integrated production and distribution planning in the fast movingconsumer goods industry: A block planning application**  
BİLGEN B., Guenther H.  
Third Annual Workshop on Supply Chain andLogistics, ANKARA, 01 June 2009
- XXVIII. **A MILP Model for Production and Distribution Planning in Consumer Goods Supply Chains**  
BİLGEN B., Hans Otto G.  
OR 2008, 3 - 05 September 2008, pp.179-184
- XXIX. **Possibilistic linear programming in blending and transportation planning problem**  
BİLGEN B.  
7th International Workshop on Fuzzy Logic and Applications, Camogli, Italy, 7 - 10 July 2007, vol.4578, pp.20-27
- XXX. **An iterative fixing variable heuristic for solving a combined blending and distribution planning problem**  
Bilgen B.  
6th International Conference on Numerical Methods and Applications, Borovets, Bulgaria, 20 - 24 August 2006, vol.4310, pp.231-238
- XXXI. **Fuzzy linear programming approach to multi-mode distribution planning problem**

- BİLGEN B., Ozkarahan I.  
10th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, KES 2006, Bournemouth, United Kingdom, 9 - 11 October 2006, pp.37-45
- XXXII. **The different use of data structures in a intermodal transportation planning problem**  
BİLGEN B., Ozkarahan I.  
35th International Conference on Computers and Industrial Engineering, ICC and IE 2005, İstanbul, Turkey, 19 - 22 June 2005, pp.303-308
- XXXIII. **Comparison of the Two Different Types of Data Modeling Structure for Distribution Network Planning in a Wheat Supply Chain**  
BİLGEN B., Özkarahan İ.  
35th International Conference on Computers IE-2005, 19 - 25 June 2005, pp.303-308
- XXXIV. **Integrating AI and OR: An industrial engineering perspective**  
Ozkarahan I., Topaloglu Ş. A., Araz C., BİLGEN B., SELİM H.  
3rd International Conference on Advances in Information Systems, ADVIS 2004, İzmir, Turkey, 20 - 22 October 2004, pp.499-511
- XXXV. **Distribution planning problem using linear programming method**  
BİLGEN B., Özkarahan İ.  
International Logistic Congress 2004, 2 - 03 December 2004, pp.124-132
- XXXVI. **Distribution Planning Problem A Survey**  
BİLGEN B., Irem O.  
OR 2003, 3 - 05 September 2003, pp.39-46
- XXXVII. **Mixed Integer Programming Approach for Distribution Planning Problem**  
BİLGEN B., Özkarahan İ.  
Annual Conference of the German Operations Research Society, ALMANYA, 3 - 05 September 2003
- XXXVIII. **Mixed Integer Programming Based Production and Distribution Models: A review**  
BİLGEN B., Özkarahan İ.  
International Logistic Congress, İSTANBUL, 30 June - 01 July 2003, pp.106-112
- XXXIX. **Simulated Annealing Technique for Single Machine Scheduling Problem**  
BİLGEN B., Özkarahan İ.  
30 th International Conference on Computers Industrial Engineering, 26 June - 02 July 2002, pp.95-100
- XL. **Performans ölçme sistemlerinin incelenmesi**  
BİLGEN B.  
II. Ulusal Üretim Araştırmaları Sempozyumu, Turkey, 8 - 09 November 2001, pp.124-129

## Supported Projects

Bilgen B., TUBITAK Project, Agri-food supply chain planning under uncertainty, 2025 - 2025

Bilgen B., TUBITAK Project, An Integrated Model Proposal for Milk Collection Problem and Development of Efficient Solution Approaches, 2019 - 2020

Özuysal M., Nas S., Zorba Y., Bilgen B., Erginer K. E., Şengöz B., Tanyel S., Topaç M. M., Topal A., TUBITAK Project, Hastalıklar ve Tedavi Yaklaşımları Alanında Dokuz Eylül Üniversitesi'nin Strateji Belgesi- Ulaştırma-115R218, 2016 - 2018

Bilgen B., TUBITAK Project, Integrated Production and Distribution Planning in Consumer Goods Industry, 2007 - 2008

## Peer Reviews in Scientific Publications

Journal of operational Research Society, Journal Indexed in SCI-E, November 2023

COMPUTERS & INDUSTRIAL ENGINEERING, Journal Indexed in SCI-E, November 2023

APPLIED ENERGY, SCI Journal, October 2023



INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS, Journal Indexed in ESCI, May 2023  
OMEGA, Journal Indexed in SCI-E, March 2023  
RENEWABLE ENERGY, Journal Indexed in SCI-E, March 2023  
OPERATIONAL RESEARCH, Journal Indexed in SCI-E, February 2023  
INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS, Journal Indexed in ESCI, February 2023  
FLEXIBLE SERVICES AND MANUFACTURING JOURNAL, SCI Journal, December 2022  
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, November 2022  
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, September 2022  
OPERATIONAL RESEARCH, SCI Journal, September 2022  
SOCIO-ECONOMIC PLANNING SCIENCES, SCI Journal, August 2022  
RENEWABLE ENERGY, SCI Journal, August 2022  
TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW, SCI Journal, July 2022  
PRODUCTION PLANNING AND CONTROL, SCI Journal, July 2022  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, SCI Journal, June 2022  
COMPUTERS AND ELECTRONICS IN AGRICULTURE AN INTERNATIONAL JOURNAL, SCI Journal, May 2022  
OMEGA, SCI Journal, April 2022  
COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, March 2022  
TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW, SCI Journal, March 2022  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, SCI Journal, February 2022

### **Scientific Project Refereeing**

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, August 2023  
TUBITAK Project, 2221 - Sabbatical Science Support P., April 2023  
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, February 2023  
TUBITAK Project, 2221 - Sabbatical Science Support P., February 2023

### **Metrics**

Publication: 72  
Citation (WoS): 839  
Citation (Scopus): 1127  
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H-Index (Scopus): 16