

Asst. Prof. MUHAMMED SÜTÇÜ

Personal Information

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Address: Abdullah Gul University Industrial Engineering Department Sumer Campus, Erkilet Bulvari, Kocasinan

Education Information

Doctorate, University Of Illinois At Urbana-Champaign, Industrial And System Engineering , Industrial Engineering, United States Of America 2009 - 2014

Postgraduate, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Mühendislik Yönetimi, Turkey 2006 - 2008

Undergraduate, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2001 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Approximating multivariate distributions with cumulative residual entropy: a study on dynamic integrated climate-economy model, University Of Illinois At Urbana-Champaign, Industrial And Systems Engineering, 2014

Postgraduate, Üst yönetim yapısının stratejik opsiyonlara etkisi, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2008

Research Areas

Industrial Engineering , Stochastic Modeling, Stochastic Processes, Decision Theory, Multi Criteria Decision Making, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2015 - 2018

Lecturer PhD, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2015 - 2015

Research Assistant, İstanbul Kültür Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2007 - 2008

Courses

SYSTEMS ANALYSIS AND DESIGN PROJECT II , Undergraduate, 2017 - 2018

Engineering Economics and Cost Analysis, Undergraduate, 2016 - 2017, 2017 - 2018

MATHEMATICS FOR OPTIMIZATION , Doctorate, 2017 - 2018

MATHEMATICS FOR OPERATIONS RESEARCH , Undergraduate, 2017 - 2018
Business Process Analysis, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018
Production and Service Systems Management 2, Undergraduate, 2016 - 2017, 2017 - 2018
Sustainable Energy Systems, Postgraduate, 2017 - 2018
Decision Making in Healthcare, Postgraduate, 2016 - 2017
Stochastic Models, Undergraduate, 2016 - 2017, 2017 - 2018
Medical Decision Making, Undergraduate, 2016 - 2017
Special Topics in Decision Analysis, Postgraduate, 2016 - 2017
Production and Service Systems Management 1, Undergraduate, 2016 - 2017, 2017 - 2018
Sustainable Energy Systems, Undergraduate, 2017 - 2018
DEVELOPING ENTREPRENEURIAL SKILLS , Undergraduate, 2016 - 2017
Probability Theory, Postgraduate, 2014 - 2015, 2015 - 2016
Modeling and Optimization, Postgraduate, 2015 - 2016

Advising Theses

Bengü E., Sütçü M., The effect of Game-Based Learning in Lean Production and Lean Six Sigma Training, Postgraduate, B.Kurt(Student), 2019

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Effects of total cost of ownership on automobile purchasing decisions**
SÜTÇÜ M.
TRANSPORTATION LETTERS-THE INTERNATIONAL JOURNAL OF TRANSPORTATION RESEARCH, vol.12, no.1, pp.18-24, 2020 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **University Industry Partnership Through PBL Industrial Engineering Education**
BENGÜ E., SÜTÇÜ M., GÖREN S.
3. ULUSLARARASI YÜKSEKÖĞRETİM ÇALIŞMALARI KONFERANSI, Kayseri, Turkey, 11 - 13 October 2018, pp.139-140
- II. **Stochastic scheduling of parallel machines under processing time variability**
AKGÜN İ., GÖREN S., BEKLİ R. Ş., SÜTÇÜ M.
29th European Conference on Operational Research, 8 - 11 July 2018
- III. **A New Rational Classification Approach By Using The Novel Mixed Data Binarization Method**
SÜTÇÜ M.
INFORMS 2017, Houston, United States Of America, 22 - 25 October 2017
- IV. **Long-Term Time series forecasting using a hybrid Linear Regression and Exponential Smoothing model**
SÜTÇÜ M.
37. YÖNEYLEM ARAŞTIRMASI ve ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, İstanbul, Turkey, 5 - 07 July 2017, pp.43-44
- V. **Effects of Total Cost of Ownership on Automobile Purchasing Decisions**
SÜTÇÜ M.
INFORMS Annual Meeting 2016, Nashville, United States Of America, 13 - 16 November 2016, pp.1
- VI. **A Capacity Expansion Model for Energy Planning For Turkey**
SÜTÇÜ M., Değirmenci T.

INFORMS 2016, Nashville,Tn, United States Of America, 13 - 16 November 2016, pp.1

- VII. **A Profit Maximizing Integrated Model of Fleet Assignment and Aircraft Routing with Considerations of Flight Schedule Disturbances**
SÜTÇÜ M., Yıldız B., YOLDAŞ Y.
INFORMS Annual Meeting 2016, Nashville, United States Of America, 13 - 16 November 2016
- VIII. **Cumulative Impact Of Integrating Uncertainty On GlobalWarming Policy Decisions: An Application To Dice Model**
SÜTÇÜ M.
Yöneylem Araştırması ve Endüstri Mühendisliği 36. Ulusal Kongresi, İzmir, Turkey, 13 - 15 July 2016
- IX. **A Study on Understanding True Cost to Own an Automobile**
SÜTÇÜ M.
Yöneylem Araştırması ve Endüstri Mühendisliği 36. Ulusal Kongresi, İzmir, Turkey, 13 - 15 July 2016
- X. **First-Order Dependence Trees with Cumulative Residual Entropy**
Sutcu M., ABBAS A. E.
Conference on Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Amboise, France, 21 - 26 September 2014, vol.1641, pp.512-521
- XI. **Environmental Approach Transportation Sector: A Multiattribute Decision Analysis Problem**
SÜTÇÜ M.
31nd National Operations Research and Industrial Engineering Congress (YAEM, 2011), Sakarya, Turkey, 5 - 07 July 2011
- XII. **Üst Yönetim Yapısının Stratejik Opsiyonlara Etkisi**
SÜTÇÜ M., ÇEVİK ONAR S., POLAT S.
Yöneylem Araştırması ve Endüstri Mühendisliği 30. Ulusal Kongresi, İstanbul, Turkey, 30 June - 02 July 2010, pp.215-216

Supported Projects

SÜTÇÜ M., Project Supported by Other Official Institutions, FLEXITY SWIFT BOJİ SÜSPANSİYON PARÇASI, 2016 - 2017

Memberships / Tasks in Scientific Organizations

INFORMS, Member, 2009 - Continues

Scientific Refereeing

Computers and Industrial Engineering, SCI Journal, January 2017

Decision Analysis, SCI Journal, March 2014

Operations Research, SCI Journal, May 2013

Management Science, SCI Journal, February 2012

Citations

Total Citations (WOS):3

h-index (WOS):1