

Assoc. Prof. SEÇİL SAVAŞANERİL TÜFEKÇİ

Personal Information

Office Phone: [+90 312 210 2289](tel:+903122102289)

Fax Phone: [+90 312 210 4786](tel:+903122104786)

Web: <https://avesis.metu.edu.tr/ssecil>

International Researcher IDs

ScholarID: YLNgwxgAAAAJ

ORCID: 0000-0001-7952-6619

Publons / Web Of Science ResearcherID: AAZ-8777-2020

ScopusID: 2477728240

Yoksis Researcher ID: 164858

Education Information

Doctorate, Georgia Institute of Technology, Manufacturing/Logistics, United States Of America 1999 - 2004

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, Turkey
1994 - 1998

Foreign Languages

English, C1 Advanced

Research Areas

Stochastic Modeling, Supply Chain and Logistics Management

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering,
2014 - Continues

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering,
2005 - 2014

Advising Theses

SAVAŞANERİL TÜFEKÇİ S., Profit maximizing shipment consolidation with uncertain shipment requests, Postgraduate,
E.ÖZTÜRK(Student), 2022

SAVAŞANERİL TÜFEKÇİ S., The price of anarchy in an uncapacitated deterministic shipment consolidation game,
Postgraduate, C.ENES(Student), 2022

SAVAŞANERİL TÜFEKÇİ S., A cooperative shipment consolidation game with emission considerations, Postgraduate,
H.Keven(Student), 2020

KENTEL ERDOĞAN E., SAVAŞANERİL TÜFEKÇİ S., Rule curves for operating single- and multi-reservoir hydropower

plants, Doctorate, M.AK(Student), 2017

SAVAŞANERİL TÜFEKÇİ S., SERİN Y. Y., Pricing with informative delay announcements, Postgraduate, S.KARAKAYA(Student), 2017

SAVAŞANERİL TÜFEKÇİ S., Structure of optimal policies in M/M/1 make-to-stock queues in the presence of partial control, Postgraduate, E.YENİGÜN(Student), 2015

SAVAŞANERİL TÜFEKÇİ S., Production and stock management under manufacturer and customer driven substitution, Doctorate, N.TÖRE(Student), 2015

SAVAŞANERİL TÜFEKÇİ S., Procurement and information sharing games in group purchasing, Postgraduate, S.ÜNEL(Student), 2014

SAVAŞANERİL TÜFEKÇİ S., Collaboration and competition in presence of imperfect information and non-linear pricing, Postgraduate, Ş.KARABAŞ(Student), 2012

SAVAŞANERİL TÜFEKÇİ S., SERİN Y. Y., Incentive, subsidy, penalty mechanisms and pooled, unpooled allocation of production capacity in service parts management systems, Postgraduate, E.ATAK(Student), 2011

SAVAŞANERİL TÜFEKÇİ S., SERİN Y. Y., The value of information in a manufacturing facility taking production and lead time quotation decisions, Postgraduate, C.KAMAN(Student), 2011

SAVAŞANERİL TÜFEKÇİ S., SERİN Y. Y., An analysis of benefits of inventory and service pooling and information sharing in spare parts management systems, Doctorate, B.SATIR(Student), 2010

SERİN Y. Y., SAVAŞANERİL TÜFEKÇİ S., Competition and collaboration in service parts management systems, Postgraduate, M.Usta(Student), 2010

SAVAŞANERİL TÜFEKÇİ S., Managing production and lead time quotation with multiple demand classes, Postgraduate, E.SAYIN(Student), 2010

SAVAŞANERİL TÜFEKÇİ S., Collaboration among small shippers in cargo transportation, Postgraduate, Ö.YILMAZ(Student), 2009

SAVAŞANERİL TÜFEKÇİ S., Benefits of vendor managed inventory policy in a manufacturer-retailer supply chain, Postgraduate, Ö.ERDOĞDU(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Short-Term Flood Control and Long-Term Energy Maximization in Multi-reservoir Systems Using Improved Particle Swarm Optimization**
Guvengir U., SAVAŞANERİL TÜFEKÇİ S., ALTAN SAKARYA A. B., Buhan S.
WATER RESOURCES MANAGEMENT, vol.35, no.13, pp.4293-4307, 2021 (SCI-Expanded)
- II. **Pricing with delivery time information sharing decisions in service systems**
Karakaya S., Savasaneril S., Serin Y.
Computers and Industrial Engineering, vol.159, 2021 (SCI-Expanded)
- III. **Quantifying the revenue gain of operating a cascade hydropower plant system as a pumped-storage hydropower system**
Ak M., Kentel E., Savasaneril S.
RENEWABLE ENERGY, vol.139, pp.739-752, 2019 (SCI-Expanded)
- IV. **Operating policies for energy generation and revenue management in single-reservoir hydropower systems**
Ak M., KENTEL ERDOĞAN E., SAVAŞANERİL TÜFEKÇİ S.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.78, pp.1253-1261, 2017 (SCI-Expanded)
- V. **Dynamic lead time quotation under responsive inventory and multiple customer classes**
SAVAŞANERİL TÜFEKÇİ S., Sayin E.
OR SPECTRUM, vol.39, no.1, pp.95-135, 2017 (SCI-Expanded)
- VI. **Production and lead time quotation under imperfect shop floor information**
KAMAN C., SAVASANERIL S., Serin Y. Y.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.144, no.2, pp.422-431, 2013 (SCI-Expanded)
- VII. **Pooling through lateral transshipments in service parts systems**

Satir B., SAVAŞANERİL S., Serin Y. Y.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.220, no.2, pp.370-377, 2012 (SCI-Expanded)

VIII. **Collaboration among small shippers in a transportation market**

Yılmaz O., SAVAŞANERİL TÜFEKÇİ S.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.218, no.2, pp.408-415, 2012 (SCI-Expanded)

IX. **Dynamic Lead-Time Quotation for an M/M/1 Base-Stock Inventory Queue**

SAVAŞANERİL TÜFEKÇİ S., Griffin P. M., Keskinocak P.

OPERATIONS RESEARCH, vol.58, no.2, pp.383-395, 2010 (SCI-Expanded)

X. **An analysis of manufacturer benefits under vendor-managed systems**

SAVAŞANERİL TÜFEKÇİ S., ERKİP N. K.

IIE TRANSACTIONS, vol.42, no.7, pp.455-477, 2010 (SCI-Expanded)

XI. **Collaborative procurement among competing buyers**

Keskinocak P., SAVAŞANERİL TÜFEKÇİ S.

NAVAL RESEARCH LOGISTICS, vol.55, no.6, pp.516-540, 2008 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Kaskat Baraj Sistemlerinde Kısa Dönemli Taşkın Kontrolü İçin Metasezgisel Bir Yöntem**

ALTAN SAKARYA A. B., buhan s., güvengir u., SAVAŞANERİL TÜFEKÇİ S.

39. Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM) Ulusal Kongresi, Ankara, Turkey, 12 - 14 June 2019

II. **Nakliyede İşbirliğinin Karlılık Ve Karbon Salınımı Üzerine Etkileri**

Keven H., SAVAŞANERİL TÜFEKÇİ S., YÜKSEL ÖZKAYA B.

39. YAEM Ulusal Kongresi, Turkey, 12 - 14 June 2019

III. **A cooperative shipment consolidation game**

SAVAŞANERİL TÜFEKÇİ S., YÜKSEL ÖZKAYA B.

EURO 2018 - 29th European Conference on Operational Research., 8 - 11 July 2018

IV. **Pompaj Depolamalı Hidroelektrik Santrallerinin Ekonomik Fizibilite Değerlendirmesi için Bir Yöntem**

Canbilen T., Karasakal E., Savaşaneril Tüfekci S., Ergen, Ergen A., Karalar İ., Oltulu A., Özüdoğru C.

38. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Konferansı, Eskişehir, Turkey, 26 June 2018, pp.87-88

V. **Pricing with Informative Delay Announcements**

KARAKAYA S., SAVAŞANERİL TÜFEKÇİ S., SERİN Y. Y.

International Conference on Operations Research, 6 - 08 September 2017

VI. **Integrated River Basin Management to Maximize the Combined Benefit from Cascade Hydropower Plants**

Ak M., SAVAŞANERİL TÜFEKÇİ S., KENTEL ERDOĞAN E.

12th International Congress on Advances in Civil Engineering (ACE), 21 - 23 September 2016

Supported Projects

Buhan S., Altan Sakarya A. B., Savaşaneril Tüfekci S., Project Supported by Other Official Institutions, Akım Tahmin ve Havza Optimizasyon Modeli, 2018 - 2019

Kırca Ö., Bayındır Z. P., Savaşaneril Tüfekci S., Project Supported by Other Private Institutions, Ateş Destek Sistemleri Etkinlik Değerlendirme Çalışması, 2015 - 2017

SAVAŞANERİL TÜFEKÇİ S., TUBITAK Project, Ureticiler için Urun İkame Politikalarının Belirlenmesi ve İkame Esnekliğinin Getiri Analizi, 2012 - 2014

Savaşaneril Tüfekci S., Project Supported by Higher Education Institutions, Tedarikçi Kontrollü Envanter Yönetimi Uygulamasının Tedarikçinin Karlılığı Yönünden İncelenmesi, 2006 - 2007

Metrics

Publication: 17

Citation (WoS): 187

Citation (Scopus): 253

H-Index (WoS): 7

H-Index (Scopus): 8

Non Academic Experience

Yöneylem Araştırması Derneği