

## **Asst. Prof. Hilal GÜNEY**

### **Personal Information**

**Web:** <https://avesis.atauni.edu.tr/hilal.guney>

### **International Researcher IDs**

ORCID: 0000-0002-2687-2507

Yoksis Researcher ID: 114596

### **Education Information**

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2010 - 2016

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2006 - 2009

Undergraduate, Gazi University, Fen Fakültesi, İstatistik, Turkey 1998 - 2003

### **Foreign Languages**

English, B1 Intermediate

### **Dissertations**

Doctorate, Markov Geçiş Matrisine Dayalı Mevsimsel Bulanık Zaman Serisi, Gazi University, Fen Bilimleri Enstitüsü, İstatistik, 2016

Postgraduate, Tek Değişkenli Zaman Serilerinde Model Seçim Ölçütlerinin İncelenmesi , Gazi Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, 2009

### **Research Areas**

Statistics, Statistical Analysis and Applications, Natural Sciences

### **Academic Titles / Tasks**

Assistant Professor, Ataturk University, Fen Fakültesi, Matematik, 2020 - Continues

Research Assistant PhD, Ataturk University, Laborant Ve Veterinerlik Bölümü, 2016 - Continues

Research Assistant, Ataturk University, Narman Meslek Yüksekokulu, 2016 - 2018

Research Assistant, Gazi University, Fen Fakültesi, İstatistik, 2006 - 2016

### **Courses**

Kriminalistik Verilerde İstatistik, Postgraduate, 2020 - 2021

statistics, Undergraduate, 2020 - 2021

Statistics, Undergraduate, 2020 - 2021

Probability, Undergraduate, 2020 - 2021

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

- I. **A Novel Stochastic Seasonal Fuzzy Time Series Forecasting Model**  
GÜNEY H., BAKIR M. A., ALADAĞ Ç. H.  
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, vol.20, no.3, pp.729-740, 2018 (SCI-Expanded)

### Articles Published in Other Journals

- I. **An Application of Type 2 Fuzzy Time Series Model**  
GÜNEY H.  
turkish journal of fuzzy systems, vol.1, no.10, pp.1-13, 2019 (Peer-Reviewed Journal)
- II. **Forecasting Seasonal Fuzzy Time Series via Periodical Analysis Approach**  
GÜNEY H., ALADAĞ Ç. H.  
Turkish Journal of fuzzy Systems, vol.7, pp.13-24, 2016 (Peer-Reviewed Journal)
- III. **MODELING OF CAPACITY UTILIZATION RATIO WITH FUZZYTIME SERIES BASED ON MARKOV TRANSITION MATRIX**  
GÜNEY H., BAKIR M. A.  
C om m u n.Fa c.S i.U niv.A n k.S e r i e s A 1, vol.64, pp.63-75, 2015 (Peer-Reviewed Journal)
- IV. **A Study on Time Series Clustering**  
KARDİYEN F., GÜNEY H.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.2, pp.331-347, 2015 (ESCI)

### Books & Book Chapters

- I. **Forecasting Stock Exchanges with Fuzzy Time Series Approach Based on Markov Chain Transition Matrix**  
ALADAĞ Ç. H., GÜNEY H.  
in: Advances in Time Series Forecasting Volume 2, Çağdaş Hakan Aladağ, Editor, Bentham Science Publishers Ltd., pp.111-126, 2017

### Refereed Congress / Symposium Publications in Proceedings

- I. **An Application of Type 2 Fuzzy Time Series Model**  
GÜNEY H.  
Data Science, Machine Learning and Statistics-DMS 2019, Van, Turkey, 26 - 29 June 2019, pp.55
- II. **Forecasting Seasonal Time Series with Fuzzy Time Series Based on Markov Transition Matrix**  
GÜNEY H., ALADAĞ Ç. H.  
The 5th International Fuzzy Systems Symposium (Fuzzyss'xx17), Ankara, Turkey, 14 - 15 October 2017
- III. **Zaman Serilerini Sınıflama Performansları Bakımından Benzerlik Ölçülerinin Karşılaştırılması Üzerine Bir Çalışma**  
KARDİYEN F., GÜNEY H.  
XIV. International Symposium on Econometrics, Operations Research and Statistics, 27 - 30 May 2013
- IV. **Zaman Serilerinde Sınıflandırma**  
GÜNEY H., KARDİYEN F., KASAP r.  
7. Uluslararası İstatistik Kongresi, 28 April - 01 May 2011

## Supported Projects

KILIÇ BAYGUTALP N., BİLGİN Ö. C., ERCİŞ M. S., ÇAYIR Y., YAĞIZ O., YAĞANOĞLU A. M., KAŞALI K., ÖZTÜRK Ö., GÜNEY H.,  
TURAL DİKMEN A., et al., Project Supported by Higher Education Institutions, Araştırma Metodolojisi Eğitim ve Uygulama  
Ofisinin Kurulumu Kapsamında Eğitim Faaliyetlerinin Düzenlenmesi, 2019 - 2019

## Metrics

Publication: 10

Citation (WoS): 9

Citation (Scopus): 11

H-Index (WoS): 1

H-Index (Scopus): 1