

**MEHMET ŞAMİL
GÜNEŞ**

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International Researcher IDs

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Publons / Web Of Science

ResearcherID: AAH-9250-2019

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Learning Knowledge

Doctorate

2017 - 2023

Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey

Postgraduate

2015 - 2017

Yildiz Technical University, Fen-Edebiyat/Fen Bilimleri/İstatistik, İstatistik, Turkey

Foreign Languages

English, C2 Mastery

Portuguese, B1 Intermediate

Dissertations

Postgraduate, ALTERNATİF KÜMELEME YÖNTEMLERİNİN KARŞILAŞTIRILMALI ANALİZİ VE BİR UYGULAMASI, Yıldız Teknik Üniversitesi, İstatistik, İstatistik, 2017

Academic Titles / Tasks

Assistant Professor

2023 - Continues

Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics

Research Assistant

2018 - 2023

Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics

Supported Projects

1. Yıldız D., Çakır Yıldız N., Güneş M. Ş., Bilen Ö., Büyüklü A. H., Project Supported by Other Official Institutions, KUZZEY EGE NEHİR HAVZASI YÖNETİM PLANININ HAZIRLANMASI PROJESİ EKONOMİK ANALİZİ, 2018 - 2019
2. BİLEN Ö., GÜNEŞ M. Ş., PARİM C., Project Supported by Other Private Institutions, Elite World Markası Turquality Süreçleri Kapsamında Marka Araştırma ve Geliştirme Çalışmaları, 2018 - 2018
3. GÜNEŞ M. Ş., Project Supported by Other Private Institutions, The Project on Demographic and Structural Changes In Turkey's Agriculture, 2017 - 2017
4. GÜNEŞ M. Ş., YILDIZ D., Project Supported by Other Private Institutions, TÜRKİYE TARIMININ YAPISAL GELECEĞİ Türkiye'deki Tarımsal İsgücünün Demografik ve Yapısal Dönüşümü, 2016 - 2017
5. Yıldız D., Çakır Yıldız N., Güneş M. Ş., Tuna E., Gökalp Yavuz F., Project Supported by Higher Education Institutions, Türkiye de Havzalar Bazında Su Arz ve Talebinin Sosyal Ekonomik ve Hidrolojik Etkilerinin Belirlenmesi Modellenmesi ve Gelecek Tahmini, 2014 - 2016

Scholarships

2210-C YURT İÇİ ÖNCELİKLİ ALANLARA YÜKSEK LİSANS BURS PROGRAMI, TUBITAK, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Applying the Hierarchical Gray Relational Clustering Method to Municipal Water Use in Turkey**
Güneş M. Ş., Parim C., Yıldız D., Büyüklü A. H.
TEKNİK DERGI, vol.33, no.2, pp.11847-11855, 2022 (SCI-Expanded)
2. **A Comparative Assessment of Municipal Water Use in Turkey**
Güneş M. Ş., Yıldız D., Kurnaz F. S.
JOURNAL OF WATER RESOURCES PLANNING AND MANAGEMENT, vol.148, no.2, 2022 (SCI-Expanded)
3. **Prediction of Match Outcomes with Multivariate Statistical Methods for the Group Stage in the UEFA Champions League**
Parim C., Güneş M. Ş., Büyüklü A. H., Yıldız D.
JOURNAL OF HUMAN KINETICS, vol.79, no.1, pp.197-209, 2021 (SCI-Expanded)
4. **Mineral Addition and Mixing Methods Effect on Recycled Aggregate Concrete**
Dilbas H., GÜNEŞ M. Ş.
MATERIALS, vol.14, no.4, 2021 (SCI-Expanded)
5. **Predicting monthly streamflow using a hybrid wavelet neural network: Case study of the Çoruh river basin**
Güneş M. Ş., Parim C., Yıldız D., Büyüklü A. H.
Polish Journal of Environmental Studies, vol.30, no.4, pp.3065-3075, 2021 (SCI-Expanded)
6. **Detecting seasonal cycle shift on streamflow over Turkey by using multivariate statistical methods**
YILDIZ D., Güneş M. Ş., Yavuz F. G., Yıldız D.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.133, pp.1143-1161, 2018 (SCI-Expanded)

Articles Published in Other Journals

1. **Mechanical performance improvement of super absorbent polymer-modified concrete**
Dilbas H., Birdal F., Parim C., Güneş M. Ş.
MethodsX, vol.10, 2023 (ESCI)
2. **Concrete Mixture Design with Decision Tree Algorithm for Low, Medium and High Strengths**
Parim C., Güneş M. Ş., Dilbas H.
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.37, no.4, pp.951-958, 2022 (Peer-Reviewed Journal)
3. **Investigation of the Relationship between Customers Product Perception and Consumption Habits in**

Shopping Centers by Correspondence and Robust Regression Analysis

Keskin A., Güneş M. Ş., Yıldız D.

Ekonomi İşletme ve Maliye Araştırmaları Dergisi, vol.1, no.4, pp.1-13, 2019 (Peer-Reviewed Journal)

4. **Analysis of long-term natural streamflow trends in Upper Euphrates River Basin**
Yıldız D., Güneş M. Ş.
European Journal of Science and Technology, no.15, pp.118-131, 2019 (Peer-Reviewed Journal)
5. **A SPATIO-TEMPORAL APPROACH TO NATIONAL NATURAL RESOURCES: THE CHANGE OF PROVINCIAL WATER USE OVER TURKEY**
Emrehan A. F., Yıldız D., Güneş M. Ş.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.36, pp.539-551, 2018 (ESCI)
6. **IMPACT OF ORGANIZATIONAL STRESS ON ORGANIZATIONAL SILENCE AND BURNOUT MEASURE: A SURVEY STUDY ON PHARMACY WORKERS**
YILDIZ N. Ç., GÜNEŞ M. Ş.
Uygulamalı Sosyal Bilimler Dergisi, vol.1, no.1, pp.45-66, 2017 (Peer-Reviewed Journal)
7. **Africa in Motion: Why the rush to build Grand Renaissance and Inga 3 Dams in Africa?**
Yıldız D., Yıldız D., Güneş M. Ş.
International Advanced Research Journal in Science, Engineering and Technology, vol.3, no.9, pp.1-6, 2016 (Peer-Reviewed Journal)
8. **New Security Concept and Analytical Transdisciplinary Approaches to Hydropolitics**
Yıldız D., YILDIZ D., Güneş M. Ş.
New Security Concept and Analytical Transdisciplinary Approaches to Hydropolitics, vol.7, no.7, pp.402-407, 2016 (Peer-Reviewed Journal)
9. **"Internationally Planned Corner Stone " of the New Nile Hydropolitics: Grand Renaissance Dam**
Yıldız D., YILDIZ D., Güneş M. Ş.
International Journal of Management (IJM), vol.7, no.5, pp.200-209, 2016 (Peer-Reviewed Journal)
10. **Comparison of the Long Term Natural Streamflows Trend of the Upper Tigris River**
YILDIZ D., Yıldız D., Güneş M. Ş.
Comparison of the Long Term Natural Streamflows Trend of the Upper Tigris River, vol.2, no.8, pp.1174-1184, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

1. **The Nexus on Unemployment and Labor Force Participation with Socio-Economic Factors: Comparison of Different Cluster Analysis Techniques on OECD Countries**
Parim C., Güneş M. Ş., Çene E.
in: Kümeleme Analizine Farklı Yaklaşımlar ve Sosyal Bilimler Alanında Uygulamalar, Selay GİRAY YAKUT, Özlem ERGÜT, Editor, Holistence Publications, İstanbul, pp.201-229, 2024
2. **Alışveriş Merkezlerini Tercih Etmede Mevsim Etkisinin Çok Değişkenli Profil Analizi İle İncelenmesi**
Güneş M. Ş., Yıldız D.
in: Eğitim ve Sosyal Bilimlerde Yeni Araştırmalar , Prof. Dr. Bülent OKUR, Dr. Gül Banu DAYANÇ KİYAT, Dr. Ebru ATEŞOK, Editor, BERİKAN YAYINEVİ, Ankara, pp.245-255, 2019

Refereed Congress / Symposium Publications in Proceedings

1. **Examining Domestic Waste Separation Behaviors in Istanbul by using Correspondence Analysis**
Arslan Çene G., Güneş M. Ş., Parim C., Çene E.
5th International Conference on Recycling and Reuse (R&R2024), İstanbul, Turkey, 5 - 06 July 2024, pp.0-1
2. **GERÇEK YAŞAM TEMELLİ MATEMATİK ETKİNLİKLERİNE KATILAN DEZAVANTAJLI ORTAOKUL ÖĞRENCİLERİN MATEMATİĞE YÖNELİK BAKIŞ AÇILARININ İSTATİSTİKSEL OLARAK İNCELENMESİ**
BAHADIR E., GÖKCEN Ş., TUNA E., GÜNEŞ M. Ş.

International Researchers, Statisticians, and Young Statisticians Congress, 2 - 05 November 2023

3. **Predicting Monthly Streamflow Using a Hybrid Wavelet Neural Network: Case Study of the Çoruh River Basin**
Güneş M. Ş., Parim C., Yıldız D., Büyüklü A. H.
4th International Conference on Data Science and Applications (ICONDATA'21), İstanbul, Turkey, 4 - 06 June 2021, pp.2
4. **Applying the Hierarchical Gray Relational Clustering Method to Municipal Water Use in Turkey**
Güneş M. Ş., Parim C., Yıldız D., Büyüklü A. H.
4th International Conference on Data Science and Applications (ICONDATA'21), İstanbul, Turkey, 4 - 06 June 2021, pp.81
5. **Texture analysis of MRI for differential diagnosis of renal masses**
Erşen M., Sanal H. T., Taşar M., Keskin A., Güneş M. Ş.
ECR 2020 , Vienna, Austria, 11 - 15 March 2020, vol.11, pp.587
6. **Examining the Efficiency of Hydroelectric Power Plants in Turkey**
Sönmez M., YILDIZ D., GÜNEŞ M. Ş.
11. International Statistics Days Conference, Muğla, Turkey, 03 October 2018, pp.160
7. **An Interactive Vizualization to Hydrological Statistics with gCLUTO**
YILDIZ D., Güneş M. Ş.
Xth International Statistics Days Conference (ISDC'2016), Giresun, Turkey, 07 October 2016, pp.845-852

Other Publications

1. **Demographic Changes in Turkey's Farmers**
YILDIZ D., YILDIZ N. Ç., ILGAZ Y., GÜNEŞ M. Ş., YILDIZ D.
Technical Report, pp.1-43, 2017
2. **Türkiye'deki Tarımsal İşgücünün Demografik ve Yapısal Dönüşümü Projesi Ön Raporu**
YILDIZ D., Yıldız D., Güneş M. Ş., Ilgaz Y., Çakır Yıldız N.
Technical Report, pp.52, 2017
3. **Türkiye'deki Tarımsal İşgücünün Demografik ve Yapısal Dönüşümü Projesi**
YILDIZ D., YILDIZ N. Ç., ILGAZ Y., GÜNEŞ M. Ş., YILDIZ D.
Technical Report, pp.1-53, 2017
4. **AGRICULTURAL GROUNDWATER MANAGEMENT IN TURKEY**
YILDIZ D., GÜNEŞ M. Ş., YILDIZ D.
Technical Report, pp.1-22, 2016
5. **Survey on Climate Change Awareness and Adaptation of Farmers**
YILDIZ D., ILGAZ Y., GÜNEŞ M. Ş., YILDIZ D.
Technical Report, pp.1-21, 2016
6. **Çiftçilerde İklim Değişimi Farkındalığı**
YILDIZ D., Yıldız D., Güneş M. Ş.
Technical Report, pp.17, 2016

Courses

Olasılık, Undergraduate, 2023 - 2024

Çok Değişkenli İstatistik 1, Undergraduate, 2024 - 2025, 2023 - 2024

İstatistikte GIS Uygulamaları, Undergraduate, 2024 - 2025, 2023 - 2024

Uygulamalı Panel Veri Analizi, Undergraduate, 2023 - 2024

İstatistik Paket Programları Kullanımı, Undergraduate, 2023 - 2024

Memberships / Tasks in Scientific Organizations

Hydropolitics Association, Member, 2016 - Continues

Metrics

Publication: 35

Citation (WoS): 21

Citation (Scopus): 25

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

Ecological Environment with Statistics, Attendee, Lisbon, Portugal, 2013

Statistic Olimpiads in Spain, Attendee, Madrid, Spain, 2013

Research Areas

Water and Air Resources Management, Statistics, Statistical Analysis and Applications, Natural Sciences