

Asst. Prof. AYŞE ÖVGÜ KINAY

Personal Information

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International Researcher IDs

ScholarID: V_GWK1cAAAAJ

ORCID: 0000-0001-9908-8652

Publons / Web Of Science ResearcherID: J-7721-2013

ScopusID: 8960341900

Yoksis Researcher ID: 107617

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2002 - 2008

Postgraduate, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, Turkey 1999 - 2002

Undergraduate, Ege University, Faculty Of Science, İstatistik Bölümü, Turkey 1995 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, On the construction of student groups in a problem based learning system through fuzzy logic considering various objectives, Dokuz Eylul University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2008

Postgraduate, Survival models and an application, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2002

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2018 - Continues

Assistant Professor, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2014 - 2018

Lecturer PhD, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2009 - 2014

Lecturer PhD, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2008 - 2009

Lecturer, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2004 - 2008

Research Assistant, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2000 - 2004

Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2024 - Continues

Fakülte Kurulu Üyesi, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2023 - Continues

Member of Department FEDEK Commission, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2021 - Continues

Deputy Head of Department, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2011 - 2019

Courses

MATEMATİKSEL PROGRAMLAMA, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021

BULANIK KARAR SİSTEMLERİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

BULANIK MANTIK VE BULANIK KÜMELER, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

İSTATİSTİKSEL YÖNTEMLER, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

SOFT COMPUTING TECHNIQUES, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

FUZZY MULTICRITERIA DECISION TECHNIQUES, Postgraduate, 2022 - 2023, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017

MATEMATİKSEL PROGRAMLAMA, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

BİLGİ TEKNOLOJİLERİ VE UYGULAMALARI, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

BİLGİSAYAR UYGULAMALARI, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

YÖNEYLEM ARAŞTIRMASI, Undergraduate, 2015 - 2016, 2014 - 2015

TEMEL BİLGİ TEKNOLOJİLERİ, Undergraduate, 2013 - 2014, 2012 - 2013

Teknik İngilizce 1, Undergraduate, 2013 - 2014

Information Technologies, Undergraduate, 2013 - 2014, 2012 - 2013

PROBABİLİTY AND STATİSTİCS I, Undergraduate, 2012 - 2013

Statistics, Undergraduate, 2012 - 2013

İstatistik ve Olasılık, Undergraduate, 2012 - 2013

1. SINIF MODÜL GRUBU, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

2. SINIF MODÜL GRUBU, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

4. SINIF MODÜL GRUBU, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

3. SINIF MODÜL GRUBU, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

Advising Theses

Kınay A. Ö., İki Boyutlu Labirentlerde Arama Algoritmalarının İncelenmesi, Postgraduate, M.MENEVŞE(Student), Continues

Kınay A. Ö., Makine Öğrenimi Yöntemleri ile Sağkalım Analizi, Postgraduate, A.Çağatay(Student), Continues

Kınay A. Ö., Popülerlik sıralamasına dayalı DC3MAB öneri sistemi ve uygulaması, Postgraduate, N.MIRINEZHAD(Student), 2024

Nas S., Kınay A. Ö., Limanlardaki gemi manevralarını risk değerlendirmesi için bulanık mantık modellemesi ve uygulaması, Postgraduate, İ.ÖZKULLUK(Student), 2024

Jury Memberships

Doctorate, Doctorate, Yaşar Üniversitesi, August, 2024
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2023
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, March, 2023
Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, August, 2022
Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, August, 2022
Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, June, 2022
Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, June, 2022
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2021
Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, July, 2021
Post Graduate, Post Graduate, İstanbul Gedik Üniversitesi, July, 2021
Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, June, 2021
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, April, 2021
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, March, 2021
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, March, 2021
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, October, 2019
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, August, 2019
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, July, 2019
Post Graduate, Post Graduate, Ege Üniversitesi, October, 2017
Post Graduate, Post Graduate, Ege Üniversitesi, August, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A hybrid approach based on magnitude-based fuzzy analytic hierarchy process for estimating sustainable urban transport solutions**
Moslem S., Tezel B. T., Kinay A. O., Pilla F.
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, no.137, pp.1-13, 2024 (SCI-Expanded)
- II. **Modification of the fuzzy analytic hierarchy process via different ranking methods**
Kinay A. Ö., Tezel B. T.
INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, vol.37, no.1, pp.336-364, 2022 (SCI-Expanded)
- III. **A survey on geographic classification of virgin olive oil with using T-operators in Fuzzy Decision Tree Approach**
Nasibov E., Savas S. K., VAHAPLAR A., KINAY A. Ö.
CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol.155, pp.86-96, 2016 (SCI-Expanded)
- IV. **An iterative approach for estimation of student performances based on linguistic evaluations**
Nasibov E., KINAY A. Ö.
INFORMATION SCIENCES, vol.179, no.5, pp.688-698, 2009 (SCI-Expanded)
- V. **Efficacy of an adenosine A₁ receptor agonist compared with atropine and pralidoxime in a rat model of organophosphate poisoning**
Kalkan Ş., Ergür B. U., Arıcı M. A., Kaplan Y. C., Kinay A. Ö., Tunçok Y.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.24, no.7, pp.369-375, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Performance Evaluation of Magnitude Based Fuzzy Analytic Hierarchy Process (MFAHP) Method**
Tezel B. T., Kinay A. Ö.
Acta Infologica, vol.7, no.2, pp.293-307, 2023 (Peer-Reviewed Journal)
- II. **Providing Priority Degrees for the Challenges of Cloud-Based Outsource Software Development**

Projects via Fuzzy Analytic Hierarchy Process Methods

Kınay A. Ö., Atılğan C.

Journal of Emerging Computer Technologies, vol.2, no.1, pp.1-6, 2022 (Peer-Reviewed Journal)

III. DETERMINATION OF THE FINANCIAL SUPPORT REQUIRED BY THE FAMILIES WITH DISABILITIES TO ACHIEVE STANDARD LIFE CONDITIONS WITH THE AHP METHOD

Ecer F., KINAY A. Ö., NASİBOĞLU E.

JOURNAL OF MEHMET AKIF ERSOY UNIVERSITY ECONOMICS AND ADMINISTRATIVE SCIENCES FACULTY, vol.5, no.3, pp.687-704, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. Comparison of the Results of Various Fuzzy Analytic Hierarchy Process Methods and a Software to Facilitate the Calculations**
Tezel B. T., Kınay A. Ö.
10th International Conference on Advances in Statistics, Budapest, Hungary, 19 - 21 April 2024, pp.39
- II. DC3MAB Method Based On Popularity Ranking Of Items And Its Application On An E-Commerce Dataset**
Mirinezhad N., Kınay A. Ö.
The Second International Symposium in Graduate Researches on Data Science, İzmir, Turkey, 30 November 2023, pp.197-204
- III. Ranking Among Cloud Service Providers With Magnitude Based Fuzzy Analytic Hierarchy Process (MFAHP) Method**
Kınay A. Ö., Tezel B. T., Atılğan C.
International Cappadocia Scientific Research Congress, Nevşehir, Turkey, 15 - 17 December 2021, pp.199-200
- IV. A Research on The Magnitude Based Analytic Hierarchy Process (MFAHP) for Trapezoidal Fuzzy Numbers**
Kınay A. Ö., Tezel B. T.
International Cappadocia Scientific Research Congress, Nevşehir, Turkey, 15 - 17 December 2021, pp.197-198
- V. Towards on develop a new solution approach to multiple criteria decision problems**
Kınay A. Ö., Tezel B. T.
4th International Researchers, Statisticians And Young Statisticians Congress, İzmir, Turkey, 28 - 30 April 2018, pp.93
- VI. Influence of Different T Operators in Fuzzy Decision Trees**
Kantarıcı S., Vahaplar A., Kınay A. Ö., Nasiboğlu E.
XVI th International Symposium on Econometrics, Operations Research and Statistics, Edirne, Turkey, 7 - 12 May 2015, pp.585
- VII. Influence of T-norm and T-conorm Operators in Fuzzy ID3 Algorithm**
Kantarıcı S., Kınay A. Ö., Vahaplar A., Nasibov E.
IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), İstanbul, Turkey, 2 - 05 August 2015
- VIII. A Software OliveDeSoft System for Geographic Characterization of Turkish Virgin Olive Oil via Fuzzy Decision Tree**
Kantarıcı S., Vahaplar A., Kınay A. Ö., Nasiboğlu E.
The 3rd International Fuzzy Systems Symposium FUZZYSS'13, İstanbul, Turkey, 24 - 25 October 2013, pp.186-190
- IX. Geographic Classification of Turkish Natural Olive Oil via Decision Tree Algorithms A Comparative Analysis**
NASİBOĞLU E., KANTARCI S., VAHAPLAR A., KINAY A. Ö.
3rd International Symposium on Computing in Science & Engineering (ISCSE-2013), 24 - 25 October 2013, pp.206-210
- X. Classification of Virgin Olive Oil By Using Fuzzy ID3 Algorithm**
Vahaplar A., Kantarıcı S., Kınay A. Ö., Nasiboğlu E.

Seventh International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control, İzmir, Turkey, 2 - 03 September 2013, pp.275-283

- XI. **Geographic Classification of Turkish Natural Olive Oil via CART Decision Tree Algorithm Achieved From Chemical Data**
NASİBOĞLU E., KANTARCI S., KINAY A. Ö., VAHAPLAR A.
XIV International Symposium on Econometrics, Operations Research and Statistics 2013, 24 - 28 May 2013, pp.206-210
- XII. **Two Heuristic Solution Algorithms for An Assignment Problem According to The Average Difficulty Degree of Tasks**
Kinay A. Ö., Nasiboğlu E.
The Second International Fuzzy Systems Symposium FUZZYSS'11, Ankara, Turkey, 17 - 18 November 2011, pp.287-292
- XIII. **Group Constitution Problem with Different Strategies in Problem Based Learning System**
Nasiboğlu E., Kinay A. Ö.
8. International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS-2008), Helsinki, Finland, 1 - 03 September 2008, pp.213-220
- XIV. **A Fuzzy Optimization Approach for The Evaluation of Student Performances**
Nasiboğlu E., Kinay A. Ö.
The 2nd International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 2 - 04 June 2008, pp.141
- XV. **An Iterative Method For Student Performances Assessment in Fuzzy Evaluations**
Nasiboğlu E., Kinay A. Ö.
Fourth International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control (ICSCCW-2007), Antalya, Turkey, 27 - 28 August 2007, pp.242-250

Supported Projects

Gürler S., Demirel N., Kinay A. Ö., TÜBİTAK - AB COST Project, Sıralı Küme Örneklemesinde Belirsizliğin Bulanık Kümelerle Modellenmesi Ve Parametre Kestirimi, 2015 - 2018

Nasiboğlu E., Kinay A. Ö., Vahaplar A., Kantarcı S., Project Supported by Higher Education Institutions, Bulanık Karar Ağaçları ile Türk Natürel Sızma Zeytinyağı Coğrafi Karakterizasyonu, 2011 - 2013

KINAY A. Ö., Project Supported by Higher Education Institutions, Survival Models and An Application, 2000 - 2001

Scientific Refereeing

APPLIED SOFT COMPUTING JOURNAL, Journal Indexed in SCI-E, August 2024

SOFT COMPUTING, SCI Journal, November 2022

JOURNAL OF ETA MARITIME SCIENCE, Journal Indexed in ESCI, November 2022

Journal of Metaverse, Other Indexed Journal, April 2022

JOURNAL OF ETA MARITIME SCIENCE, Journal Indexed in ESCI, April 2022

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Dokuz Eylül University, Turkey, March 2022

JOURNAL OF ETA MARITIME SCIENCE, Journal Indexed in ESCI, March 2019

JOURNAL OF ETA MARITIME SCIENCE, Journal Indexed in ESCI, February 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Other Indexed Journal, December 2017

ADVANCES IN FUZZY SYSTEMS, Other Indexed Journal, August 2016

GAZI UNIVERSITY JOURNAL OF SCIENCE, Other Indexed Journal, April 2013

JOURNAL OF SYSTEMS SCIENCE AND SYSTEMS ENGINEERING, SCI Journal, February 2011

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, Journal Indexed in SCI-E, December 2009

Tasks In Event Organizations

Kınay A. Ö., INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2023, Scientific Congress, Turkey, Kasım 2023

Demirel N., Fıstıkoğlu O., Soysal Y., Kınay A. Ö., INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2022, Scientific Congress, İzmir, Turkey, Aralık 2022

Kınay A. Ö., 4th International Symposium of Researchers, Statisticians and Young Statisticians (IRSYSC2018), Scientific Congress, Turkey, Nisan 2018

Kınay A. Ö., 4. İstatistik Günleri Sempozyumu (İGS-2004), Scientific Congress, Turkey, Mayıs 2004

Metrics

Publication: 25

Citation (WoS): 41

Citation (Scopus): 37

H-Index (WoS): 5

H-Index (Scopus): 4

Congress and Symposium Activities

10th International Conference on Advances in Statistics, Attendee, Budapest, Hungary, 2024

International Symposium Series On Graduate Researches 2023, Attendee, İzmir, Turkey, 2023

International Cappadocia Scientific Research Congress 2021, Attendee, Nevşehir, Turkey, 2021

International Cappadocia Scientific Research Congress 2021, Attendee, Nevşehir, Turkey, 2021

4th International Researchers, Statisticians and Young Statisticians Congress (IRSYSC 2018), Attendee, İzmir, Turkey, 2018

2015 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2015), Attendee, İstanbul, Turkey, 2015

XVI.th International Symposium On Econometrics, Operations Research And Statistics, Attendee, Edirne, Turkey, 2015

The 3rd International Fuzzy Systems Symposium FUZZYSS'13, Attendee, İstanbul, Turkey, 2013

3rd International Symposium on Computing in Science & Engineering (ISCSE-2013), Attendee, Aydın, Turkey, 2013

Seventh International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control, Attendee, İzmir, Turkey, 2013

XIV. International Symposium on Econometrics, Operations Research and Statistics 2013, Attendee, Sarajevo, Bosnia And Herzegovina, 2013

The Second International Fuzzy Systems Symposium, Attendee, Ankara, Turkey, 2011

8. International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS-2008), Attendee, Helsinki, Finland, 2008

The 2nd International Conference on Control and Optimization with Industrial Applications, Attendee, Baku, Azerbaijan, 2008

Fourth International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control (ICSCCW-2007), Attendee, Antalya, Turkey, 2007

Attendee, İzmir, Turkey, 2007

Attendee, Antalya, Turkey, 2007

Attendee, Kocaeli, Turkey, 2006

Attendee, İzmir, Turkey, 2005

4th Asian-Pasific International Congress of Anatomists, Attendee, Aydın, Turkey, 2005

Attendee, Ankara, Turkey, 2002