

BUĞRAYHAN BİÇKİCİ ARIKAN

ASST. PROF.

Email : bugrayhan.bickici@medeniyet.edu.tr

Office Phone : [+90 216 280 3218](tel:+902162803218)

Fax Phone : [+90 216 280 3232](tel:+902162803232)

Address : İSTANBUL MEDENİYET ÜNİVERSİTESİ, KUZEY KAMPÜS, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ, F BLOK, ODA NO:F-013, ÜNALAN ÜSKÜDAR/ İSTANBUL

International Researcher IDs

ScholarID: R3xN7PMAAAAJ

ORCID: 0000-0003-1119-7884



Learning Knowledge

Doctorate 2011 - 2018	Istanbul Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Hidrolik Ve Su Kaynakları Mühendisliği, Turkey
Postgraduate 2008 - 2011	Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Hidrolik, Turkey
Undergraduate Double Major 2003 - 2007	Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey
Undergraduate 2002 - 2006	Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Doğal Ekosistemler İçin CBS ve Uydu Görüntüleri Kullanarak Çevresel Altlıkların Hazırlanması, TÜBİTAK, 2021

Occupational Health and Safety, İş sağlığı ve güvenliği , İstanbul Medeniyet Üniversitesi, 2021

Data Analysis, DOĞA BİLİMLERİNDE İSTATİSTİKSEL MODELLEME TEKNİKLERİ VE UYGULAMALARI, 2019

Health&Medicine, İLK YARDIMCI SERTİFİKASI, İstanbul Medeniyet Üniversitesi, 2017

Education Management and Planning, OTİSTİK ÇOCUKLAR İÇİN DAVRANIŞSAL EĞİTİM PROGRAMI (OÇİDEP)-1, İSTANBUL MEDENİYET ÜNİVERSİTESİ, 2017

Education Management and Planning, BÜTÜNLEŞİK KIYI ALANLARI YÖNETİMİ SERTİFİKASI, KIYI ALANLARI YÖNETİMİ TÜRKİYE MİLLİ KOMİTESİ-GAZİ ÜNİVERSİTESİ, 2011

Foreign Language, YABANCI DİL SERTİFİKASI, ATATÜRK ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ, 2007

Dissertations

Doctorate, KURAKLIK İNDİSLERİNİN HİDROKLİMATOLOJİK VERİLERE DAYALI TAHMİNİ, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 2018

Postgraduate, ÖLÜDENİZ LAGÜNÜ'NDE SUYUN DEĞİŞİM SÜRESİNİN MODELLENMESİ, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği A.B.D, 2011

Academic Titles / Tasks

Assistant Professor 2020 - Continues	Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil Engineering
Research Assistant PhD 2012 - 2020	Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil Engineering
Research Assistant 2007 - 2012	Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği

Supported Projects

1. BİÇKİCİ ARIKAN B., EU Supported Other Project, Emotional Intelligence Skills Development to Foster Youth Employability, 2016 - Continues
2. Biçkici Arıkan B., Arbak A., Şahinkaya Y., Project Supported by Higher Education Institutions, Akıllı Kamelya Projesi - Yağmur hasadı ve güneş enerjisini birbirine entegre ederek farklı kullanım alanlarında kendine yetebilir sistemlerin yapılması, 2022 - 2024
3. KARAKALE V., ARAS F., GÜÇLÜ Y. S. , İPEK C., BİÇKİCİ ARIKAN B., NAMLI M., TUFAN T., ÖZGÜR E., ŞAHİNKAYA Y., ÖZALP F., Project Supported by Higher Education Institutions, İnşaat Mühendisliği Bölümü Lisans Eğitimi için Gerekli Laboratuvar Altyapısının Oluşturulması, 2021 - 2022
4. Biçkici Arıkan B., Kahya E., Project Supported by Higher Education Institutions, Türkiye Kuraklık İndislerinin Hidroklimatolojik Verilere Dayalı Tahmini, 2015 - 2019
5. TÜRÜT A., AKDENİZ DURAN E., ÖZKAN M. A. , SÖĞÜT S., OKTAY A. B. , ARAS F., GENÇ İ., AKTAŞ Ö., GEREN İ. N. , KURT H., et al., Project Supported by Higher Education Institutions, Fen Bilimleri Enstitüsü Disiplinler Arası Lisansüstü Araştırma Laboratuvarlarının Kurulması, 2013 - 2016

Scholarships

TÜBİTAK ÖNCELİKLİ ALANLARA YÖNELİK DOKTORA BURSUSU, TUBİTAK, 2014 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Temporal connections in reconstructed monthly rainfall time series in different rainfall regimes of Turkey**
Ghorbani M. A. , Kahya E., Ruskeepää H., Thendiyath R., Kashani M. H. , Karimi V., Biçkici Arıkan B.
ARABIAN JOURNAL OF GEOSCIENCES, vol.1, no.1, pp.1-17, 2022 (Peer-Reviewed Journal)
2. **Homogeneity revisited: analysis of updated precipitation series in Turkey**
Arıkan B., Kahya E.

THEORETICAL AND APPLIED CLIMATOLOGY, vol.135, pp.211-220, 2019 (Peer-Reviewed Journal)

3. **Construction of prediction intervals for Palmer Drought Severity Index using bootstrap**
Beyaztas U., Arıkan B., Beyaztas B. H. , Kahya E.
JOURNAL OF HYDROLOGY, vol.559, pp.461-470, 2018 (Peer-Reviewed Journal)

Articles Published in Other Journals

1. **Dew Point Time Series Forecasting at the North Dakota**
Bıçkıcı Arıkan B., Jiechen L., Sabbah I. I. D. , Ewees A., Homsı R., Sulaiman S. O.
Knowledge-Based Engineering and Sciences, vol.2, no.2, pp.24-34, 2021 (Peer-Reviewed Journal)
2. **Yapay Sinir Ağı ve Lineer Model İle Köprü Ayaklarında Oyulma Derinliğinin Tahmini**
KOCABAŞ F., ÜNAL B., BİÇKİCİ B., VARDAR M., KIZIL Y.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.2, pp.147-157, 2009 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **Geothermal Resources of Yozgat Province and Their Usage Areas**
Bıçkıcı Arıkan B.
2nd World Energy Storage Conference, İstanbul, Turkey, 18 - 21 December 2022, pp.1-4
2. **Drought Forecasting Using Genetic Programming in Association with Southern Oscillation Indices**
BİÇKİCİ ARIKAN B., KAHYA E.
8th Atmospheric Sciences Symposium (ATMOS 2017), İstanbul, Turkey, 01 November 2017, pp.1
3. **Construction of Prediction Intervals for Palmer Drought Severity Index Using Bootstrap**
BEYAZTAŞ U., BİÇKİCİ ARIKAN B., BEYAZTAŞ B. H. , Kahya E.
8th Atmospheric Sciences Symposium – ATMOS 2017, İstanbul, Turkey, 01 November 2017, pp.1
4. **Long-term PDSI drought forecasting using genetic programming: a case study in Konya Province, Turkey**
BİÇKİCİ ARIKAN B., Kahya E.
Soft Computing Methods in Water Resources Engineering-SCMWRE 2016, Lefkoşa, Cyprus (Kkct), 29 November 2016, pp.1
5. **Homogeneity Analysis Precipitation Series in Turkey**
Kahya E., BİÇKİCİ ARIKAN B., AKDENİZ E.
ACE 2016, 12 th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 September 2016, pp.1
6. **İstanbul'un Tarihi Su Kemerleri ve Suyun İletimi**
BİÇKİCİ ARIKAN B.
5. Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu, Erzurum, Turkey, 01 October 2015, vol.1, pp.275-286
7. **Historical Aqueducts Of Istanbul And Dynamic Analysis Of Paşa Kemerı Aqueduct**
BİÇKİCİ ARIKAN B., ARAS F.
SE-50EEE, International Conference on Earthquake Engineering, Skopje, Macedonia, 29 May 2013, pp.1
8. **Kıyı Lagünleri Hidrodinamiği**
BİÇKİCİ B., BALAS L.
Türkiye'nin Kıyı ve Deniz Alanları VII.Ulusal Kongresi, Trabzon, Turkey, 01 May 2010, pp.1267-1277
9. **Köprü Ayaklarında Oyulma Derinliğinin Tahmininde Lineer Model Uygulaması**
KOCABAŞ F., ÜNAL B., BİÇKİCİ B., VARDAR M., KIZIL Y.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi 30.Yıl Sempozyumu, Adana, Turkey, 01 October 2008, pp.296-303

Visual Activities

BİÇKİCİ ARIKAN B., News Agency, 2010 - 2011

Academic and Administrative Experience

2022 - Continues	Deputy Head of Department	Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil Engineering
2021 - Continues	Head of Department	Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil Engineering

Courses

HYDRAULIC LABORATORY, Undergraduate, 2021 - 2022
COMPUTER AIDED TECHNICAL DRAWING, Undergraduate, 2020 - 2021
WATER RESOURCES ENGINEERING, Undergraduate, 2020 - 2021
FLUID MECHANICS, Undergraduate, 2020 - 2021
INTRODUCTION TO COASTAL ENGINEERING, Undergraduate, 2021 - 2022
HYDROLOGY, Undergraduate, 2020 - 2021, 2021 - 2022
BİLGİSAYAR DESTEKLİ TEKNİK RESİM, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021
GROUNDWATER, Undergraduate, 2021 - 2022
HYDRAULICS, Undergraduate, 2020 - 2021, 2021 - 2022
BUILDING MATERIALS, Undergraduate, 2019 - 2020
INTRODUCTION TO CIVIL ENGINEERING, Undergraduate, 2019 - 2020
PROBABILITY AND STATISTICS, Undergraduate, 2019 - 2020
MATERIAL SCIENCE, Undergraduate, 2019 - 2020
TEMEL BİLGİ VE İLETİŞİM TEKNOLOJİLERİ, Undergraduate, 2018 - 2019

Activities in Scientific Journals

American Journal of Water Science and Engineering, Committee Member, 2019 - Continues

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Other, Istanbul Medeniyet University, Turkey, July 2022
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, SCI Journal, December 2021
GEOFİZİKA, Journal Indexed in SCI-E, December 2021
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, August 2020
THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, August 2020
JOURNAL OF HYDROLOGY, SCI Journal, September 2019
SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal, November 2018
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, May 2018
JOURNAL OF HYDROLOGY, SCI Journal, March 2018
THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, January 2018

Scientific Research / Working Group Memberships

Hidroelektrik ve Yenilenebilir Enerji Çalışma Grubu, İSTANBUL TEKNİK ÜNİVERSİTESİ, Turkey,
<http://calismagruplari.itu.edu.tr>, 2015 - Continues

Medeniyet Araştırmaları Merkezi, İSTANBUL MEDENİYET ÜNİVERSİTESİ, Turkey,

http://www.medeniyet.edu.tr/Enstituler_ve_Arastirma_Merkezleri_teknoloji_arastirmalari_birimi.html, 2012 - Continues

Kıyı Alanları Yönetimi Türkiye Milli Komitesi, ORTA DOĞU TEKNİK ÜNİVERSİTESİ, Turkey, <http://www.kay-tmk.metu.edu.tr/>, 2010 - Continues

Metrics

Publication: 14

Citation (WoS): 34

Citation (Scopus): 38

H-Index (WoS): 2

H-Index (Scopus): 2

Congress and Symposium Activities

8th Atmospheric Sciences Symposium – ATMOS 2017, Attendee, İstanbul, Turkey, 2017

ICUWT (International Congress on Underground Infrastructure Water Management and Trenchless Technology), Attendee, İstanbul, Turkey, 2017

Designing Quality and Training Tools for Competence Profile of Supported Employment Specialists, Attendee, İstanbul, Turkey, 2016

Soft Computing Methods in Water Resources Engineering, Attendee, Lefkoşa, Cyprus (Kkct), 2016

ACE 2016- 12th International Congress on Advances in Civil Engineering, Attendee, İstanbul, Turkey, 2016

Deneyisel Modal Analiz Çalıştayı, Attendee, İstanbul, Turkey, 2016

5. Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu, Attendee, Erzurum, Turkey, 2015

Uluslararası Medeniyet Kongresi, Attendee, İstanbul, Turkey, 2014

Türkiye'nin Kıyı ve Deniz Alanları VII. Ulusal Kongresi, Attendee, Trabzon, Turkey, 2010

Kıyı Alanları Yönetimi Türkiye Milli Komitesi Genel Kurul Toplantısı, Attendee, Ankara, Turkey, 2010

Invited Talks

İSTANBUL KENT ARAŞTIRMALARI / Osmanlı Medeniyetinde Su Yapıları-İstanbul Örneği, Seminar, İstanbul Medeniyet Üniversitesi, Turkey, June 2021

Seminar, Turkey, January 2021

Research Areas

Atmospheric Sciences and Meteorological Engineering, Hydrology-Hydrometeorology, Climate, Climate Change and Climate Modeling, Meteorological Disasters, Flood-Storm-Avalanche-Drought Analysis, Civil Engineering, Hydraulic, Water Resources Planning and Management, Open Channel Flow, Hydromechanics, Engineering and Technology