BURHANEDDİN BİLGEN
ASST. PROF.

Email : burhaneddin.bilgen@hbv.edu.tr
International Researcher IDs
ScholarID: gP2H7DEAAAAJ
ORCID: 0000-0002-1955-7568
Publons / Web Of Science ResearcherID: A-4364-2018
ScopusID: 57202032688
Yoksis Researcher ID: 109949

Learning Knowledge

Doctorate 2017 - 2022	Konya Technical University, Graduate Educatıon, Traınıng And Research Instıtute, Department of Geomatics Engineering, Turkey
Postgraduate 2014 - 2017	Selcuk University, Instıtute Of Scıence, Department of Geomatics Engineering, Turkey
Undergraduate 2008 - 2012	Aksaray University, Faculty of Engineering, Department of Geomatics Engineering, Turkey

Dissertations

Doctorate, Software development for deformation analysis with GNSS measurements, Konya Technical University, Graduate Educatıon, Traınıng And Research Instıtute, 2022
Postgraduate, Investigation of deformations in the horizontal direction with GNSS technique, Selcuk University, Instıtute Of Scıence, 2017

Academic Titles / Tasks

Assistant Professor 2024 - Continues	Ankara Haci Bayram Veli University, Academy Of Land Registry And Cadastre, Department Of Registry Cadastre
Research Assistant PhD 2022 - 2024	Ankara Haci Bayram Veli University, Academy Of Land Registry And Cadastre, Department Of Registry Cadastre
Research Assistant 2019 - 2022	Konya Technical University, Faculty Of Engıneerıng, Department Of Topographıcal Engıneerıng
Research Assistant 2015 - 2019	Selcuk University, Faculty Of Engıneerıng, Department Of Topographıcal Engıneerıng

Research Assistant
2013 - 2015 Gazi University, Tapu Kadastro Yüksekokulu

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Statistical Comparison on Accuracies of Web-Based Online PPP Services**
   Bilgen B., Bulbul S., Inal C.
   Journal of Surveying Engineering, vol.148, no.4, 2022 (SCI-Expanded)
2. **An open-source software for geodetic deformation analysis in GNSS networks**
   Bilgen B., Inal C.
   Earth Science Informatics, vol.15, no.3, pp.2051-2062, 2022 (SCI-Expanded)
3. **The performance assessment of Precise Point Positioning (PPP) under various observation conditions**
   Bulbul S., Bilgen B., Inal C.
   Measurement: Journal of the International Measurement Confederation, vol.171, 2021 (SCI-Expanded)
4. **Statistical analysis of accuracy and precision of GNSS receivers used in network RTK**
   Inal C., Bulbul S., Bilgen B.
   Arabian Journal of Geosciences, vol.11, no.10, 2018 (SCI-Expanded)
5. **Comparison of L1 norm and L2 norm minimisation methods in trigonometric levelling networks**
   Inal C., Yetkin M., Bulbul S., Bilgen B.
   Tehnicki Vjesnik, vol.25, pp.216-221, 2018 (SCI-Expanded)

Articles Published in Other Journals

1. **INVESTIGATION OF POSITION ACCURACY IN UAVS**
   YILDIRIM Ö., İNAL C., BÜLBÜL S., BİLGEN B.
   Turkish Journal of Remote Sensing, 2023 (Peer-Reviewed Journal)
2. **Point Positioning Performance of Trimble-RTX in Different Satellite Combinations**
   Bilgen B., İnal C., Bülbül S.
   Konya mühendislik bilimleri dergisi (Online), vol.10, no.4, pp.941-949, 2022 (Peer-Reviewed Journal)
3. **GNSS Tekniği ile Düşey Yöndeki Deformasyonların Araştırılması**
   Bilgen B., Inal C.
   Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.3, pp.615-625, 2022 (Peer-Reviewed Journal)
4. **Mevsimsel Değişimlerin Hassas Nokta Konumlamaya Etkisi**
   Bülbül S., Inal C., Bilgen B.
   Konya mühendislik bilimleri dergisi (Online), vol.10, no.2, pp.274-286, 2022 (Peer-Reviewed Journal)
5. **Farklı uydu sistemi kombinasyonlarının gerçek zamanlı hassas nokta konumlamaya etkisi**
   İnal C., Bilgen B., Bülbül S., Başbük M.
   ENGINEERING SCIENCES, vol.11, no.1, pp.109-115, 2022 (Peer-Reviewed Journal)
6. **TUSAGA-Aktif İstasyonlarındaki Meteorolojik Hava Olaylarının Hassas Nokta Konumlamaya Etkisi**
   Bilgen B., Bülbül S., Inal C.
   Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.21, no.6, pp.1393-1403, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

1. **Gayrimenkul Lokasyonlarının Belirlenmesinde GNSS Tabanlı Güncel Uygulamalar**
   BİLGEN B.
   in: Gayrimenkul Alanında Disiplinler Arası Yaklaşımlar - DİJİTALLEŞME, Güler Ender, Yalçın Aybüke, Editor, Nobel Bilimsel Eserler, Ankara, pp.41-56, 2023

Refereed Congress / Symposium Publications in Proceedings

1. **Determination of Vertical Deformations with Kinematic Model: The Case of Ermenek Dam**
   İBAOĞLU R., İNAL C., BİLGEN B.
   4. International Congress on Engineering, Architecture and Design, İstanbul, Turkey, 23 - 24 April 2019
2. **The Effect of Session Duration in Determination of Point Movements with GNSS**
   BİLGEN B., İNAL C., BÜLBÜL S.
   FIG International Congress, İstanbul, Turkey, 6 - 11 May 2018
3. **Determinability of the Changes in East-West and North-South Directions With GNSS Technique**
   BİLGEN B., İNAL C., BÜLBÜL S., TURGUT B.
   FIG Working Week 2017, 29 May - 02 June 2017
4. **Ağ GZK'da Alıcı Seçiminin Nokta Konumlamaya Etkisi**
   BÜLBÜL S., İNAL C., BİLGEN B.
   8. Ulusal Mühendislik Ölçmeleri Sempozyumu, Turkey, 19 - 21 October 2016
5. **GNSS Tekniği ile Yatay Yöndeki Deformasyonların Araştırılması**
   BİLGEN B., İNAL C., BÜLBÜL S.
   8. Ulusal Mühendislik Ölçmeleri Sempozyumu, Turkey, 19 - 21 October 2016

Courses

BİLGİSAYAR II, Undergraduate, 2022 - 2023
ÖLÇME BİLGİSİ II, Undergraduate, 2022 - 2023
İNGİLİZCE III, Undergraduate, 2022 - 2023
BİLİMSEL ARAŞTIRMA TEKNİKLERİ VE ETİĞİ, Undergraduate, 2022 - 2023

Scientific Refereeing

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, January 2024
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, December 2023
Konya mühendislik bilimleri dergisi (Online), National Scientific Refreed Journal, October 2023
Türkiye Uzaktan Algılama Dergisi, National Scientific Refreed Journal, July 2022
JOURNAL OF GEODESY, Journal Indexed in SCI-E, July 2022

Congress and Symposium Activities

XXII. TÜRKİYE ULUSAL JEODEZİ KOMİSYONU (TUJK) SEMPOZYUMU 2023, Audience, Trabzon, Turkey, 2023
4. International Congress on Engineering, Architecture and Design, Attendee, İstanbul, Turkey, 2019
FIG International Congress 2018, Attendee, İstanbul, Turkey, 2018
FIG Working Week 2017, Attendee, Helsinki, Finland, 2017
8. Ulusal Mühendiislik Ölçmeleri Sempozyumu, Attendee, İstanbul, Turkey, 2016

Research Areas

Geotechnical Engineering, Measuring Technique, Deformation Measurements, GPS-GNSS