

## Prof. BÜLENT TURGUT

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-5136-2019

ScopusID: 55587566200

Yoksis Researcher ID: 27629

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme Anabilim Dalı, Turkey 2004 - 2008

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme Anabilim Dalı, Turkey 2001 - 2004

### Foreign Languages

English, C2 Mastery

### Dissertations

Doctorate, TOPRAK PENETRASYON DİRENCİNE ETKİ EDEN TOPRAK ÖZELLİKLERİNİN YERSEL DEĞİŞİM PATERNLERİNİN JEOİSTATİSTİKSEL YÖNTEMLERLE BELİRLENMESİ, Ataturk University, Ziraat Fakültesi, Toprak Bilimi Ve Bitki Besleme, 2008

Postgraduate, DATAE-PASINLER DENEME İSTASYONU TOPRAK ÖZELLİKLERİNİN DAĞILIM PATERNLERİNİN JEOİSTATİSTİKSEL YÖNTEMLERLE BELİRLENMESİ, Ataturk University, Ziraat Fakültesi, Toprak Bilimi Ve Bitki Besleme, 2004

### Research Areas

Agricultural Sciences

### Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2020 - Continues

Associate Professor, Artvin Coruh University, Faculty Of Forest, Department Of Forestry Engineering, 2018 - 2020

Assistant Professor, Artvin Coruh University, Faculty Of Forest, Department Of Forestry Engineering, 2013 - 2018

Assistant Professor, Artvin Coruh University, Faculty Of Forest, Department Of Landscape Architecture, 2009 - 2013

## Academic and Administrative Experience

Head of Department, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2020 - 2022

Head of Department, Artvin Coruh University, Faculty Of Forest, Department Of Landscape Architecture, 2009 - 2013

Vice Dean, Artvin Coruh University, Faculty Of Forest, Department Of Landscape Architecture, 2011 - 2011

## Courses

Toprağın koloidal maddeleri, Doctorate, 2022 - 2023

Soil Science, Undergraduate, 2020 - 2021

## Advising Theses

Turgut B., ASSESSMENT OF CHANGES IN SOIL DEGRADATION COEFFICIENT IN GODRAHAV WATERSHED, Postgraduate, S.Güler(Student), 2020

Turgut B., ASSESSMENT OF SOIL QUALITY INDEX CHANGES IN SCOTS PINE (*Pinus sylvestris* L.) PLANTATION AREAS WITH DIFFERENT AGES IN ERZURUM PALANDOKEN MOUNTAIN, Postgraduate, E.ÇOMAKLI(Student), 2019

Turgut B., DETERMINATION OF SOME SOIL PROPERTIES ON CONSISTENCY LIMITS AND PENETRATION RESISTANCE AND INVESTIGATION THE CHANGING OF THIS PROPERTIES ALONG WITH DEPTH, Postgraduate, A.Hangişi(Student), 2019

Turgut B., ASSESSMENT OF SOME PHYSICAL AND CHEMICAL PROPERTIES OF SOILS IN THE BATUMI DELTA, Postgraduate, M.Ateş(Student), 2017

Turgut B., DETERMINING THE EFFECTS OF APPLYING FARMYARD MANURE AND TEA WASTE IN VARIOUS AMOUNT ON SOME PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS, Postgraduate, B.Köse(Student), 2015

## Jury Memberships

Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, July, 2022

Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, July, 2022

Post Graduate, Post Graduate, Atatürk Üniversitesi, May, 2020

Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, January, 2019

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

- I. **Predicting Soil Quality Index with a Deep Regression Approach**  
IŞIK Ş., TURGUT B., ANAGÜN Y., OLGUN M.  
Communications in Soil Science and Plant Analysis, vol.55, no.9, pp.1313-1323, 2024 (SCI-Expanded)
- II. **Assessment of soil quality index for different NDVI ranges in a watershed**  
TURGUT B., Güler S.  
Turkish Journal of Agriculture and Forestry, vol.47, no.6, pp.872-893, 2023 (SCI-Expanded)
- III. **The effects of landforms and climate on NDVI in Artvin, Turkey**  
Turgut H., Turgut B.  
ECO MONT-JOURNAL ON PROTECTED MOUNTAIN AREAS RESEARCH, vol.14, no.2, pp.24-36, 2022 (SCI-Expanded)
- IV. **Determining the effects of the forest stand age on the soil quality index in afforested areas: A case study in the Palandoken mountains**  
ÇOMAKLI E., TURGUT B.  
SOIL AND WATER RESEARCH, vol.16, no.4, pp.237-249, 2021 (SCI-Expanded)
- V. **DETERMINING THE SOIL QUALITY INDEX IN THE BATUMI DELTA, GEORGIA**

- TURGUT B., Ates M., Akinci H.  
AGROCIENCIA, vol.55, no.1, pp.1-18, 2021 (SCI-Expanded)
- VI. **Factors of soil diversity in the Batumi delta (Georgia)**  
Turgut B., Ates M.  
SOLID EARTH, vol.8, no.1, pp.1-12, 2017 (SCI-Expanded)
- VII. **Spatial Distribution of Penetration Resistance in a Recently Deposited Sediment Area within the Borcka Dam Reservoir**  
Turgut B., Ozalp M., ÖZTAŞ T.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.23, no.3, pp.298-308, 2017 (SCI-Expanded)
- VIII. **Physical and chemical properties of recently deposited sediments in the reservoir of the Borcka Dam in Artvin, Turkey**  
Turgut B., Ozalp M., Kose B.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.39, no.5, pp.663-678, 2015 (SCI-Expanded)
- IX. **Comparison of wheat and safflower cultivation areas in terms of total carbon and some soil properties under semi-arid climate conditions**  
Turgut B.  
SOLID EARTH, vol.6, no.2, pp.719-725, 2015 (SCI-Expanded)
- X. **Agricultural land use suitability analysis using GIS and AHP technique**  
Akinci H., Ozalp A. Y., Turgut B.  
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.97, pp.71-82, 2013 (SCI-Expanded)
- XI. **Spatial Variation in Some Soil Properties Influencing Penetration Resistance**  
Turgut B., ÖZTAŞ T.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.18, no.2, pp.115-125, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **ORGANIC AND BIOFERTILIZERS EFFECTS ON THE RHIZOSPHERE MICROBIOME AND SPRING BARLEY PRODUCTIVITY IN NORTHERN KAZAKHSTAN**  
Turgut B.  
SABRAO JOURNAL OF BREEDING AND GENETICS, vol.55, no.3, pp.972-983, 2023 (ESCI)
- II. **Temporal Variability of the Batumi Delta Wetlands**  
Turgut B.  
JOURNAL OF NATURAL HAZARDS AND ENVIRONMENT, vol.9, no.1, pp.101-111, 2023 (Peer-Reviewed Journal)
- III. **Determination of Some Soil Properties on Penetration Resistance and Consistency Limits**  
Turgut B., Hangişi A.  
Silvaworld, vol.1, no.1, pp.23-32, 2022 (Peer-Reviewed Journal)
- IV. **Improvements in aggregate stability of sediments supplemented with tea waste and farmyard manure**  
Turgut B., Kose B.  
SPANISH JOURNAL OF SOIL SCIENCE, vol.6, no.2, pp.98-106, 2016 (ESCI)
- V. **Determining the effect of tea waste and farmyard manure addition on plant productivity potential for sediment accumulated in Borcka dam reservoir area**  
Turgut B., Köse B.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.16, no.1, pp.101-112, 2015 (Peer-Reviewed Journal)
- VI. **Tahrip Edilmiş Eğimli Arazilerde Teraslama ve Ağaçlandırma Çalışmalarının Toprak Özelliklerini İyileştirmedeki Rolü**  
Turgut B.  
Doğal Afetler ve Çevre Dergisi, vol.1, no.1, pp.74-88, 2015 (Peer-Reviewed Journal)

- VII. **Assessment of Spatial Distribution of Some Soil Properties with Geostatistics Method**  
Turgut B., Öztaş T.  
Süleyman Demirel Üniversitesi Ziraat Fakültesi Dergisi, vol.7, no.2, pp.10-22, 2012 (Peer-Reviewed Journal)
- VIII. **Soil compaction in forest soils**  
Turgut B.  
Süleyman Demirel Üniversitesi Orman Fakültesi Dergisi Seri:A, vol.13, pp.66-73, 2012 (Peer-Reviewed Journal)
- IX. **Effects of Sorghum Residues and Farmyard Manure Applications on Soil Erodibility Parameters**  
Turgut B., Aksakal E. L.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.11, no.1, pp.1-10, 2010 (Peer-Reviewed Journal)
- X. **THE EFFECT OF THE FIRST TILLAGE TIMES AND ROTATION SYSTEMS ON PRODUCTIVITY OF WHEAT**  
Kumlay A. M., Olgun M., Turgut B.  
LUCRĂRI ȘTIINȚIFICE , vol.9, no.50, pp.257-269, 2007 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **İKLİM DEĞİŞİMİNİN ORMAN EKOSİSTEMLERİNDE ABİYOTİK STRES FAKTÖRLERİNE ETKİLERİ**  
TURGUT B.  
in: İklim Değişikliği: Orman Ekosistemlerinde Etkileri ve Yönetimi, Ayan, Sezgin, Editor, Palme Yayınevi, İstanbul, pp.19-28, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **MONITORING OF THE NATURAL REMEDIATION BY NDVI IN AN ABANDONED COPPER MINE SITE; BAKIRKÖY-ARTVIN IN TURKEY**  
Turgut B., Ayan S., Güler S.  
XI All-Russian Scientific Conference with International Participation "The Biological Reclamation and Monitoring of Disturbed Lands", Jekaterinburg, Russia, 12 - 16 September 2022, pp.276-284
- II. **THE EFFECT OF LANDFORM AND CLIMATIC FACTORS ON CHANGING NORMALIZED VEGETATION INDEX (NDVI) ON THE WEST PART OF ALTAI MOUNTAIN**  
Turgut B., Zhumagulova M.  
XI All-Russian Scientific Conference with International Participation "The Biological Reclamation and Monitoring of Disturbed Lands", Jekaterinburg, Russia, 12 - 16 September 2022, pp.290-297
- III. **DEFINING DIRECT AND INDIRECT EFFECT OF SOME SOIL PROPERTIES ON SOIL PENETRATION RESISTANCE AND ATTERBERG LIMITS**  
Turgut B., Güler S., Hangişi A.  
I. International Scientific-Practical Conference "New Innovations", Kutaisi, Georgia, 14 - 15 November 2019, pp.213-221
- IV. **Determining Spatial Variability of Soil Quality Index in a Watershed**  
Güler S., Turgut B., Hangişi A.  
I International Scientific-Practical Conference "New Initiatives", Kutaisi, Georgia, 14 November 2019, pp.1-10
- V. **Determining the temporal variability of the soil quality index in the afforestation areas**  
Çomaklı E., Turgut B., Öztaş T.  
10th International Congress on "The Soil Resources and Environment Conservation", Almati, Kazakhstan, 17 - 19 October 2018, pp.86
- VI. **Determining relationships between soil penetration resistance and some soil physical properties**  
Hangişi A., Turgut B.  
10th International Congress on "The Soil Resources and Environment Conservation", Almati, Kazakhstan, 17 - 19 October 2018, pp.43

## Supported Projects

Turgut H., Turgut B., TUBITAK Project, Madencilik Sonrası Peyzaj Restorasyonu, 2021 - 2021  
Turgut H., Turgut B., TUBITAK Project, Erzurum Ovası Sulak Alanları Ekosistem Hizmetlerinin Peyzaj Planlaması Açısından Değerlendirilmesi, 2020 - 2021  
Turgut B., Özalp M., TUBITAK Project, Borçka Barajı Rezervuar Havzası nda Su Miktarı ve Kalitesi ile Sediment Verim Değerlerinin Arazi Ölçümleri ve Swat Modeli ile Belirlenmesi, 2017 - 2020  
Turgut B., Project Supported by Higher Education Institutions, Ağaçlandırma Çalışmalarının Toprak Kalite İndeks Değeri Üzerine Etkilerinin Belirlenmesi, 2017 - 2020  
Kurdoğlu O., Turgut B., Düzgüneş E., TUBITAK Project, Kaçkar Dağları Milli Parkı Doğa Eğitimi Projesi, 2012 - 2012  
Düzgüneş E., Turgut B., Kurdoğlu O., TUBITAK Project, Kaçkar Dağları Milli Parkı Doğa Eğitimi Projesi TUBİTAK 4004 Bilim ve Toplum Projesi Proje No 112B066, 2012 - 2012  
Düzgüneş E., Kurdoğlu O., Turgut B., TUBITAK Project, Kaçkar Dağları Milli Parkında Doğa Eğitimi Projesi TUBİTAK 4004 Bilim ve Toplum Projesi Proje No 111B165, 2011 - 2011

## Activities in Scientific Journals

Silvaworld, Editor, 2022 - Continues  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, Editor, 2010 - 2020

## Scientific Refereeing

Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, National Scientific Refreed Journal, March 2023  
Türk Uzaktan Algılama ve CBS Dergisi, National Scientific Refreed Journal, March 2023  
JOURNAL OF NATURAL HAZARDS AND ENVIRONMENT, National Scientific Refreed Journal, December 2022  
Toprak Bilimi ve Bitki Besleme Dergisi, National Scientific Refreed Journal, December 2022  
Toprak Bilimi ve Bitki Besleme Dergisi, National Scientific Refreed Journal, April 2021  
Turkish journal of forest science (Online), National Scientific Refreed Journal, December 2020  
ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, Other Indexed Journal, December 2020  
Toprak Bilimi ve Bitki Besleme Dergisi, National Scientific Refreed Journal, November 2020  
İzlek Akademik Dergi, National Scientific Refreed Journal, October 2020  
JOURNAL OF NATURAL HAZARDS AND ENVIRONMENT, National Scientific Refreed Journal, July 2020  
ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, Other Indexed Journal, July 2020  
JOURNAL OF NATURAL HAZARDS AND ENVIRONMENT, National Scientific Refreed Journal, July 2020  
JOURNAL OF NATURAL HAZARDS AND ENVIRONMENT, National Scientific Refreed Journal, July 2020  
Anadolu Tarım Bilimleri Dergisi, National Scientific Refreed Journal, July 2020  
Alnteri Ziraî Bilimler Dergisi, Journal Indexed in SCI-E, July 2018

## Metrics

Publication: 28  
Citation (WoS): 350  
Citation (Scopus): 440  
H-Index (WoS): 5  
H-Index (Scopus): 5

## Non Academic Experience

Dođu Anadolu Tarımsal Arařtırma Enstitüsü  
Erzurum İl Milli Eđitim Müdürlüğü