

Prof. BÜLENT TURGUT

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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

Doctorate

Toprağın kolloidal maddeleri, Doctorate, 2022 - 2023

Undergraduate

Soil Science, Undergraduate, 2020 - 2021

Supervised 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

- 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

Papers Published in Refereed Scientific Meetings

- I. **The Impact of Intensive Agricultural Use on Soil Degradation and Land Instabilities in Marginalized Mountain Areas**
TURGUT B., TURGUT H.
PROCEEDINGS THIRD INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE „NEW INOVATIONS“, Kutaisi, Georgia, 14 - 15 November 2024
- II. **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
- III. **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
- IV. **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
- V. **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
- 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

VII. 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

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

Peer Reviews in Scientific Publications

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

Anadolu Tarım Bilimleri Dergisi, National Scientific Refreed Journal, July 2020

JOURNAL OF NATURAL HAZARDS AND ENVIRONMENT, National Scientific Refreed Journal, July 2020

Alınları Zirai Bilimler Dergisi, Journal Indexed in SCI-E, July 2018

Metrics

Publication: 29

Citation (WoS): 350

Citation (Scopus): 440

H-Index (WoS): 5

H-Index (Scopus): 5

Non Academic Experience

Dođu Anadolu Tarımsal Arařtırma Enstitüsü, Ziraat Mühendisi
Erzurum İl Milli Eğitim Müdürlüğü, Öğretmen