

Prof. İLHAMİ BAYRAMİN

Personal Information

Fax Phone: [+90 0532 557 4371](tel:+905325574371)

Email: bayramin@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/bayramin>

International Researcher IDs

ORCID: 0000-0001-7342-0178

Yoksis Researcher ID: 120752

Education Information

Doctorate, Purdue University, Agronomy Department, United States Of America 1993 - 1998

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), Turkey 1984 - 1986

Undergraduate, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, Turkey 1980 - 1984

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Integrating digital terrain and satellite image data with soils data for small-scale mapping of soils, Purdue University, Agronomy Department, 1998

Postgraduate, Donma ve Çözülmenin Toprak Agregasyonuna ve Hidrolik İletkenliğe Etkileri, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), 1986

Research Areas

Agricultural Sciences

Academic Titles / Tasks

Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2014 - Continues

Associate Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2008 - 2014

Assistant Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2000 - 2009

Research Assistant, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 1986 - 2000

Academic and Administrative Experience

Ankara University, 2015 - 2017

Courses

ZTU 427 Toprak Bilişim Sistemleri, Postgraduate, 2015 - 2016

823530 İLERİ TOPRAK GENESİSİ, Undergraduate, 2015 - 2016

823566 TOPRAK BİLİMİNDE UZAKTAN ALGILAMA, Postgraduate, 2015 - 2016

Advising Theses

BAYRAMİN İ., Determination of effects of different land cover and use on surface temperature using satellite images, Postgraduate, N.GÜL(Student), 2020

BAYRAMİN İ., Use of remote sensing to measure of soil surface roughness, Postgraduate, H.İLKE(Student), 2020

BAYRAMİN İ., Use of remote sensing in determining plant patterns, Postgraduate, N.SERDA(Student), 2019

BAYRAMİN İ., Işık kullanım etkinliği (LUE) modeli ile çankırı ilindeki meralarda biyokütle tahmini, Doctorate, E.ÜNAL(Student), 2011

BAYRAMİN İ., Ordu ili topraklarının jeokimyasal özellikleri, genesisi ve sınıflandırması, Doctorate, F.TÜRKMEN(Student), 2011

BAYRAMİN İ., Toprak profil tanımlamaları için yazılım geliştirilmesi, Postgraduate, S.ÇETİNKAYA(Student), 2011

BAYRAMİN İ., Arazi kalite parametrelerinin buğday ürün rekoltesi üzerine etkilerinin uzaktan algılama ve coğrafi bilgi sistemi kullanılarak belirlenmesi, Altınova Tarım İşletmesi örneği, Doctorate, M.USUL(Student), 2010

BAYRAMİN İ., Çiçekdağ-Kırşehir tarım işletmesi topraklarının detaylı etüt ve haritalanması, Postgraduate, T.TUNÇAY(Student), 2004

BAYRAMİN İ., Salihli sağ sahil sulama alanının fiziksel arazi değerlendirmesi, Postgraduate, M.USUL(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessing soil fertility index based on remote sensing and gis techniques with field validation in a semiarid agricultural ecosystem**
Tuncay T., KILIÇ Ş., DEDEOĞLU M., DENGİZ O., Baskan O., BAYRAMİN İ.
JOURNAL OF ARID ENVIRONMENTS, vol.190, 2021 (SCI-Expanded)
- II. **Geostatistical approach as a tool for estimation of field capacity and permanent wilting point in semi-arid terrestrial ecosystem**
Tuncay T., Baskan O., BAYRAMİN İ., DENGİZ O., KILIÇ Ş.
ARCHIVES OF AGRONOMY AND SOIL SCIENCE, vol.64, no.9, pp.1240-1253, 2018 (SCI-Expanded)
- III. **Assessment of Inverse Distance Weighting (IDW) Interpolation on Spatial Variability of Selected Soil Properties in the Cukurova Plain**
Tuncay T., BAYRAMİN İ., ATALAY F., Ünver I.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.22, no.3, pp.377-384, 2016 (SCI-Expanded)
- IV. **Primary Production Estimation of Cankiri Province's Rangelands Using Light Use Efficiency (LUE) Model with Satellite Data and AgrometShell Module**
Unal E., BAYRAMİN İ.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.22, no.4, pp.555-565, 2016 (SCI-Expanded)
- V. **Spatial variability of some soil properties: A case study of the lower Seyhan river basin in Turkey**
Dirvožemio savybių erdvinis kitimas: Atvejo studija Seyhan žemupio baseine Turkijoje
Tunçay T., BAYRAMİN İ., Erhan Tercan A., Ünver I.
Zemdirbyste, vol.100, no.2, pp.213-219, 2013 (SCI-Expanded)
- VI. **Physical land suitability classification in a semi-arid condition: The Çiçekdağı State Farm-Kirşehir, Turkey**

- Tunçay T., BAYRAMİN İ., ERPUL G., Kibar M.
International Journal of Physical Sciences, vol.6, no.12, pp.2973-2982, 2011 (SCI-Expanded)
- VII. **Comparison of soil organic carbon content, hydraulic conductivity, and particle size fractions between a grassland and a nearby black pine plantation of 40 years in two surface depths**
BAYRAMİN İ., Basaran M., ERPUL G., Dolarslan M., Canga M. R.
Environmental Geology, vol.56, no.8, pp.1563-1575, 2009 (SCI-Expanded)
- VIII. **Assessing the effects of land use changes on soil sensitivity to erosion in a highland ecosystem of semi-arid Turkey**
BAYRAMİN İ., Basaran M., Erpul G., Canga M. R.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.140, no.1-3, pp.249-265, 2008 (SCI-Expanded)
- IX. **Use of CORINE methodology to assess soil erosion risk in the semi-arid area of Beypazarı, Ankara**
BAYRAMİN İ., ERPUL G., Erdoğan H. E.
Turkish Journal of Agriculture and Forestry, vol.30, no.2, pp.81-100, 2006 (SCI-Expanded)
- X. **Soil erosion risk assessment with ICONA model; case study: Beypazari area ICONA modeli lie toprak erozyon risk değerlendirmesi: Pilot çalışma: Beypazari**
BAYRAMİN İ., Dengiz O., Başkan O., Parlak M.
Turkish Journal of Agriculture and Forestry, vol.27, no.2, pp.105-116, 2003 (SCI-Expanded)
- XI. **Geographic information system and remote sensing based land evaluation of Beypazari area soils by ILSEN model**
Dengiz O., BAYRAMİN İ., YÜKSEL M.
Turkish Journal of Agriculture and Forestry, vol.27, no.3, pp.145-153, 2003 (SCI-Expanded)
- XII. **Relationship between clay minerals and potassium statuses of sugar beet cultivated area soils of kastamonu and amasya sugar factories Kastamonu ve amasya şeker fabrikalan pancar ekim alanı topraklarının kil mineralien ve potasyum ilişkisi**
Munsuz N., ÇAYCI G., Kibar M., Akinci N., BAYRAMİN İ., Erel K.
Turkish Journal of Agriculture and Forestry, vol.20, no.6, pp.515-520, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Chemical weathering indices applied to soils developed on old lake sediments in a semi-arid region of Turkey**
Tunçay T., Dengiz O., BAYRAMİN İ., Kilic S., Baskan O.
Eurasian Journal of Soil Science, vol.8, no.1, pp.60-72, 2019 (Scopus)
- II. **Cokriging Yönteminin Tarla Kapasitesi Tahmininde Kullanılabilirliğinin Belirlenmesi**
TUNÇAY T., başkan o., BAYRAMİN İ., KILIÇ Ş., DENGİZ O.
Toprak Su Dergisi, pp.1-7, 2017 (Peer-Reviewed Journal)
- III. **The Use of Remote Sensing and Geographic Information System Techniques to Determine Relationships between Land Use and Landform**
TUNÇAY T., BAYRAMİN İ., ÖZTÜRK H. S., KİBAR M., Baskan O.
Toprak Su Dergisi, vol.3, no.2, pp.124-136, 2014 (Peer-Reviewed Journal)
- IV. **Çiçekdağ-Kırşehir Tarım İşletmesi Topraklarının Detaylı Toprak Etüt ve Haritalanması**
TUNÇAY T., BAYRAMİN İ.
Anadolu Tarım Bilimleri Dergisi, vol.25, no.1, pp.53-60, 2010 (Peer-Reviewed Journal)
- V. **Küresel ısınma ve ülkemiz tarımına etkileri**
NAMLI A., ÖZTÜRK H. S., BAYRAMİN İ., ERPUL G., Suiçmez R. B.
Türktarım Tarım ve Köyışleri Bakanlığı Dergisi, no.179, pp.24, 2008 (Peer-Reviewed Journal)
- VI. **Use of CORINE Methodology to Assess Soil Erosion Risk in the Semi Arid Area of Beypazari Ankara Turkey**
BAYRAMİN İ., ERPUL G., Erdoğan E.
Tr. J. of Agricultural and Forestry, no.30, pp.81, 2006 (Peer-Reviewed Journal)

- VII. **Kurukavak Deresi Havzasında Yüze Akış ve Sediment Miktarının AGNPS Modeli ile Tahmini**
ÖZTÜRK F., SÖNMEZ F. K., YILDIRIM Y. E., BAYRAMİN İ., APAYDIN H., KARAŞ E.
Tarım Bilimleri Dergisi-Journal Of Agricultural Sciences, vol.9, no.3, pp.344-351, 2003 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Ermenek Barajı ve Hidroelektrik Santrali Projesi Kamulaştırma Alanındaki Arazilerin Gelirleri Kapitalizasyon Oranları ve Birim Arazi Değerlerinin Araştırılması**
TANRIVERMİŞ H., AKİPEK ÖCAL Ş., BAYRAMİN İ., GÜN A. S., ALİEFENDİOĞLU Y.
Ankara Üniversitesi Fen Bilimleri Enstitüsü Taşınmaz Geliştirme Anabilim Dalı Yayın, Ankara, 2008
- II. **Bağbaşı Barajı ve Hidroelektrik Santrali ve Mavi Tünel Projesi Kamulaştırma Alanındaki Arazilerin Gelirleri Kapitalizasyon Oranları ve Birim Arazi Değerlerinin Araştırılması**
TANRIVERMİŞ H., AKİPEK ÖCAL Ş., BAYRAMİN İ., GÜN A. S., ALİEFENDİOĞLU Y.
Ankara Üniversitesi Fen Bilimleri Enstitüsü Taşınmaz Geliştirme Anabilim Dalı, Ankara, 2008

Refereed Congress / Symposium Publications in Proceedings

- I. **Akıllı” Yerleşimlerle Dünyayı Değiştirebilir miyiz?**
BAYRAMİN İ.
6. Coğrafi Bilgi Sistemleri Kongresi, Ankara, Turkey, 23 - 25 October 2019
- II. **Main Agricultural Crop Classification Using SVM in Harran Plane**
Taş T., Şimşek F. E., BAYRAMİN İ., GÜZEL M. S., BOSTANCI G. E.
ICTACSE 2019, 11 October 2019
- III. **Comparison of Classification Systems in Remote Sensing Based Land Use Determination Studies**
Kaya N. S., BAYRAMİN İ.
International Soil Congress 2019, Ankara, Turkey, 17 - 19 June 2019
- IV. **Ülke ve Kent Yönetiminde CBS TMMOB Yaklaşımları, ZMO**
BAYRAMİN İ.
TMMOB Uluslararası Coğrafi Bilgi Sistemleri Kongresi 2017, Adana, Turkey, 15 - 18 November 2017
- V. **Altınova Traim İşletmesi Topraklarının Kabuk Oluşumu ve Erozyon Duyarlılık Durunlarının Konumsal Dağılımlarının Belirlenemsi**
TUNÇAY T., DENGİZ O., Oğuz B., BAYRAMİN İ., KILIÇ Ş.
5.International Participation Soil and Water Resources Congress, 12 - 15 September 2017, vol.1, pp.669-680
- VI. **Spatial Distribution of the some Soil Properties Using GIS**
BAYRAMİN İ., TUNÇAY T., Başkan O., KILIÇ Ş., DENGİZ O.
Eurosoil 2016, İstanbul, Turkey, 16 - 21 October 2016
- VII. **Chemical Weathering in Semiarid Region Evaluation in the Mineralogy and Geochemistry of Soils Developed on Different Parent Material**
TUNÇAY T., DENGİZ O., BAYRAMİN İ., KILIÇ Ş., Başkan O.
Eurosoil 2016, İstanbul, Turkey, 16 - 21 October 2016
- VIII. **Use of USLE for predicting soil loss and determining conservation practices in an agricultural watershed**
ERDOĞAN E., ERPUL G., BAYRAMİN İ.
International Conference on Water, Land and Food Security in Arid and Semi-Arid Regions., Bari, Italy, 06 September 2005 - 11 September 2015
- IX. **Soil resources of Mediterranean and Caucasus Countries. Soil Resources of Turkey**
ŞENOL S., BAYRAMİN İ.
"Extension of the European Soil Database Workshop", İzmir, Turkey, 14 - 15 May 2012
- X. **The calculation of the RUSLE C factor by the methods of both GIS and Geostatistics in the watershed**

of Sarayköy II Irrigation Dam Eldivan Çankırı

BAŞARAN M., ÖZCAN A. U., DEVİREN SAYGIN S., YILMAN E., DÖLARSLAN M., TİMUR Ö. B., ERPUL G., BAYRAMİN İ., KİBAR M.

1st National Drought and Desertification Symposium 2009, Turkey, 16 - 18 June 2009

- XI. **Using geographic information systems to generate climate classification map of Turkey**
TUNÇAY T., UĞURLU A., KESİM A., ERDOĞAN E., ERPUL G., BAYRAMİN İ.
18th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology", Şanlıurfa, Turkey, 22 - 26 May 2006, vol.1, pp.346-355
- XII. **Determining relationship of RUSLE R factor with total annual rainfall amount and MFI on a national scale in Turkey**
YILMAN E., ÖZSAYAR M., KAYA P., ERPUL G., BAYRAMİN İ.
18th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology", Şanlıurfa, Turkey, 22 - 26 May 2006, vol.1, pp.402-409
- XIII. **Determination of erosivity indexes on a national scale in Turkey**
ERDOĞAN E., KESİM A., UĞURLU A., ÖZTÜRK H. S., ERPUL G., BAYRAMİN İ.
18th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology", Şanlıurfa, Turkey, 22 - 26 May 2006, vol.1, pp.395-401
- XIV. **Kinetic energy calculations for RUSLE technology using long term recorded data in Turkey**
KAYA P., AYDIN S., YILMAN E., ÖZSAYAR M., ERPUL G., BAYRAMİN İ.
18th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology", Şanlıurfa, Turkey, 22 - 26 May 2006, vol.2, pp.555-560
- XV. **Numerical analysis of boron transport under different flow regimes**
ÖZTÜRK H. S., ERPUL G., BAYRAMİN İ., Özkan İ.
. International Salinity Forum, California, Riverside, United States Of America, 25 - 27 April 2005, pp.355-358
- XVI. **Bio restoration and erosion control devices for reinstatement of steep slopes on the Baku Tbilisi Ceyhan Crude Pipeline Project Lot B**
ERPUL G., BAYRAMİN İ., Evin G., ÖZTÜRK H. S.
International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development, Erzurum, Turkey, 7 - 10 June 2004
- XVII. **Establishment of erosion measures as a part of the site specific special area reinstatement plan of Baku Tbilisi Ceyhan Crude Pipeline Project Lot B**
Evin G., ERPUL G., BAYRAMİN İ., KİBAR M.
International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development, Erzurum, Turkey, 7 - 10 June 2004
- XVIII. **Physical land evaluation of Salihli right coast irrigation area**
Usul M., BAYRAMİN İ.
International Soil Congress on Natural Resource Management Sustainable Development, 7 - 10 June 2004
- XIX. **Remediation of the salt affected soils and their economic value: an examle from Ayrancı - Karaman**
BAYRAMİN İ., Yalçın O. Z., TUNÇAY T., Samray H. N.
International Soil Congress on Natural Resource Management Sustainable Development, 7 - 10 June 2004
- XX. **Bio restoration and erosion control devices for reinstatment of steep slope of Baku Tbilisi Ceyhan crude oil pipeline project Lot B**
ERPUL G., BAYRAMİN İ., ÖZTÜRK H. S., Evin G.
International Soil Congress on Natural Resource Management Sustainable Development, Erzurum, Turkey, 7 - 10 June 2004, vol.7

Expert Reports

- I. **Uzaktan Algılama Tekniği ile Pamuk Tarla Verimi Tahmin Doğruluğunun Arttırılmasında Kırmızı Keanr Rededge Band Kullanımının Katkısı**

BAYRAMİN İ.

2015

II. **Amik Ovası Yaygın Toprak Serilerinin Mikrobiyal Aktivitelerinin Haritalanması**

BAYRAMİN İ.

2015

III. **Akşehir Gölünün Akşehir Çölüne Dönüşü Süreci ve Etki Eden Faktörler**

BAYRAMİN İ.

2015

Metrics

Publication: 44

Citation (WoS): 138

Citation (Scopus): 347

H-Index (WoS): 6

H-Index (Scopus): 10