



SERDAR BİLEN

PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABD-2455-2021

ScopusID: 12772854000

Yoksis Researcher ID: 41742



Biography

He was born in 1966 in Bayburt. After completing his primary and secondary education at the Rüştü Paşa Pasha Primary School and completing his high school education at Gazi Ahmet Muhtar Paşa Middle School and Erzurum High School, he completed his higher education at Atatürk University, Faculty of Agriculture, Department of Soil Science between 1985-1989.

After completing his military service as a reserve officer between 1990-1991, he graduated from Department of Soil Fertility in 1991. Dr. Yildirim SEZEN has started his master's degree. He completed his master's degree on Soil Chemistry in May 1994.

In September of the same year, he passed the Ph.D. exam and in October he was awarded the Research Assistant Exam and joined the department he graduated as a Research Assistant.

In 1994, he completed a one year English course given by the Graduate School of Natural and Applied Sciences. In 1995, Prof. Dr. Dr. Tülay Kızıloğlu started her PhD studies on Soil Microbiology in consultation with ALGAN.

In January 2003, he completed his Ph.D. Assoc. Dr. She's in her squad.

In 2008, with the scholarship of TUBITAK, he participated in the Effects of Soil Treatment and Plant Diversity on Greenhouse Gases I project in Ohio State University for 2.5 years. After returning in 2011, he applied for the Associate Professorship Exam in April. In October 2012, he was appointed as Associate Professor by YÖK.

In 2018 he was promoted to Professor title.

He is still a lecturer at the Department of Soil Science in Atatürk University.

Learning Knowledge

Doctorate
1994 - 2003

Ataturk University, Fen Bilimleri Enstitüsü, Toprak, Turkey

Postgraduate
1991 - 1994

Ataturk University, Fen Bilimleri Enstitüsü, Toprak, Turkey

Undergraduate

1984 - 1989

Ataturk University, Ziraat Fakültesi, Toprak, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

- Education Management and Planning, Erasmus KA205 Eğiticinin Eğitimi- Atatürk Üniversitesi, Atatürk Üniversitesi, Dış İlişkiler Ofisi, 2018
- Education Management and Planning, Arazi Kullanımı Çalıştayı, Atatürk Üniversitesi,, 2018
- Other, KADIN İSTİHDAMININ ÖNÜNDEKİ ENGELLER VE ÇÖZÜM ÖNERİLERİ ÇALIŞTAYI: ERZURUM ÖRNEĞİ, Atatürk Üniversitesi,, 2017
- Other, Graduate Student Networking Session Mentor, SSSA Graduate Student Networking Session Mentor, 2017
- Education Management and Planning, Bruker ICP-MS Aurora M-90 Kursu, Eti Maden İşletmeleri Genel Müdürlüğü, 2015
- Health&Medicine, Adult Basic and Literacy Education Medical Readiness Course, Wayne County Joint Vocational School District, USA, 2010
- Foreign Language, English for Speakers of Other Languages Course at Adult Basic and Literacy Education, ABLE Adult Basic and Literacy Education, Columbus USA, 2008
- Health&Medicine, Sağlıklı Gelecek İçin Kadın ve Çocuklarda Hijyen (SA-GE-HİP) Projesi, Atatürk Üniversitesi, Hemşirelik Yüksek Okulu, 2006
- Education Management and Planning, Türkiye Sualtı Sporları, Cankurtarma,Sukayağı ve Paletli Yüzme Fed. III. Yıldız, Başbakanlık Gençlik ve Spor Genel Müdürlüğü, 2005
- Other, Türkiye Sualtı Sporları, Cankurtarma,Sukayağı ve Paletli Yüzme Fed. II. Yıldız, Başbakanlık Gençlik ve Spor Genel Müdürlüğü, 2004
- Education Management and Planning, Natural Resources Management for Sustainable Development, Atatürk Üniversitesi, Ziraat Fakültesi, 2004
- Education Management and Planning, Türkiye Sualtı Sporları, Cankurtarma,Sukayağı ve Paletli Yüzme Fed. I. Yıldız, Başbakanlık Gençlik ve Spor Genel Müdürlüğü, 2003
- Education Management and Planning, Mycorrhizal Fungi in Plant and Soil, Çukurova Üniversitesi, Ziraat Fakültesi, Toprak Bölümü, 2001
- Education Management and Planning, Managing Arbuscular Mycorrhizal Fungi for Improving Soil Quality, Çukurova Üniversitesi, Ziraat Fakültesi, Toprak Bölümü, 2001
- Education Management and Planning, Doğal Bir Gübre Olan Mikorrizanın Tarımda Kullanılması, Çukurova Üniversitesi, Ziraat Fakültesi, Toprak Bölümü, 1998

Dissertations

- Doctorate, Farklı Yaşlardaki Rhizobium Kültürleri Aşılamanın Fasulye Bitkisinin Gelişimi, Besin Elementi İçerikleri, Nodülasyon ve N₂ - Fiksasyonuna Etkileri, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Toprak, 2003
- Postgraduate, Toprağa Uygulanan Değişik Tuzların Farklı Konsantrasyonlarının Tamamlayıcı İyonlar Üzerine Etkileri , Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Toprak, 1994

Academic Titles / Tasks

Professor
2018 - Continues

Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme

Associate Professor
2012 - 2018

Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme

Assistant Professor
2008 - 2011

Ohio State University

Research Assistant PhD
2006 - 2011

Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme

Research Assistant
1994 - 2006

Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme

Supported Projects

1. Örs Cırık S., Yıldırım E., Ekinci M., Bilen S., Horizon Europe Project, Doğadan Sofraya Bilim (Sci- NURTURE), 2022 - 2023
2. BEKTAŞ M., YILDIRIM E., ERMAN Ö. K., BİLEN S., TEPE Y., Project Supported by Higher Education Institutions, Ardahan Kars ve Iğdır İllerindeki Sucul Coleoptera ve Sucul Hemiptera faunasının belirlenmesi sucul ekosistemlerde yaşayan Coleoptera Helophoridae Hydrochiidae Hydrophilidae ve Dytiscidae ile bunların yaşam ortamlarındaki su ve toprak ağır metal birikimlerinin saptanması tatlı su balıkları ve kurbağalarının endohelminth parazitlerinin araştırılması, 2019 - 2021
3. BİLEN S., OKYAY KAYA L., BARİK K., CANBOLAT M. Y., Project Supported by Higher Education Institutions, TOPRAKTAN İZOLE EDİLEN BAKTERİ İZOLATLARININ AĞIR METAL ABSORPSİYON KAPASİTELERİNİN BELİRLENMESİ, 2018 - 2020
4. CANBOLAT M. Y., ÖZGÜL M., BİLEN S., BARİK K., AKSAKAL E. L., ÖZTAŞ T., YILDIZ N., AYDIN A., Project Supported by Higher Education Institutions, TOPRAK BİLİMİ VE BİTKİ BESLEME BÖLÜMÜ LABORATUVARLARINDA PAYDAŞLARIMIZA YÖNELİK YÜRÜTÜLEN ANALİZLERİN SÜRDÜRÜLEBİLİRLİĞİ İÇİN MEVCUT MAKİNE VE TEÇHİZATIN BAKIM ONARIMI İLE TÜKETİM MALZEMELERİNİN TEMİNİ VE İYİLEŞTİRİLMESİ, 2017 - 2020
5. CANBOLAT M. Y., ÖZGÜL M., AYDIN A., YILDIZ N., BARİK K., AKSAKAL E. L., HACIMUFTÜOĞLU F., YAĞANOĞLU E., BİLEN S., ÖZTAŞ T., Project Supported by Higher Education Institutions, ERZURUM İLİ ARAZİ KULLANIM ÇALIŞTAYI, 2018 - 2019
6. CANBOLAT M. Y., ÖZTAŞ T., YILDIZ N., BİLEN S., ÖZGÜL M., BARİK K., AKSAKAL E. L., AYDIN A., Project Supported by Higher Education Institutions, TOPRAK BİLİMİ VE BİTKİ BESLEME BÖLÜMÜ LABORATUVARLARINDA YÜRÜTÜLEN ÇALIŞMALARIN KALİTELİ OLARAK SONUÇLANABİLİRLİĞİNİ DESTEKLEYEN MAKİNE VE TEÇHİZATIN ÖNEMİ VE SAĞLANABİLİRLİĞİ, 2017 - 2019
7. BİLEN S., CANBOLAT M. Y., BARİK K., Project Supported by Higher Education Institutions, TOZ DETERJAN ATIKLARININ TARIM TOPRAKLARININ BİYOLOJİK ÖZELLİKLERİ ÜZERİNE ETKİLERİ, 2015 - 2017
8. BİLEN S., Project Supported by Higher Education Institutions, ISO 2010 KALİTE STANDARDİZASYON ÇALIŞMALARI ÇERÇEVESİNDE TOPRAK BİLİMİ VE BİTKİ BESLEME BÖLÜM LABORATUVARLARININ İYİLEŞTİRİLMESİ VE MODERNİZASYONU, 2013 - 2016
9. BİLEN S., Project Supported by Higher Education Institutions, AZOTLU MİNERAL GÜBRE VE AZOTOBACTER SP BAKTERİ UYGULAMASININ FINDIK VERİMİ ÜZERİNE ETKİLERİ, 2013 - 2014
10. BİLEN S., Project Supported by Higher Education Institutions, BİTKİ UÇUCU YAĞLARININ TOPRAK VE BİTKİ ENZİMLERİ ÜZERİNE ETKİLERİ VE MİKROBİYAL GÜBRELEMEDE KULLANILMA OLANAKLARI, 2012 - 2014

11. BİLEN S., Project Supported by Higher Education Institutions, FERTİGASYON YÖNTEMİYLE SULAMANIN, AZOT GÜBRELEMESİNİN VE AZOT BAKTERİSİ İLE AŞILAMANIN MISIRIN VERİM UNSURLARI ÜZERİNE ETKİLERİ, 2012 - 2014
12. BİLEN S., Project Supported by Higher Education Institutions, BİTKİ UÇUCU YAĞLARININ VE EKSTRAKTLARININ BAKTERİ AŞILANMIŞ VE AŞILANMAMIŞ TOPRAKLARIN FİZİKSEL, KİMYASAL VE MİKROBİYAL ÖZELLİKLERİ ÜZERİNE ETKİLERİ, 2011 - 2013
13. BİLEN S., Project Supported by Higher Education Institutions, TÜRKİYE YÜKSEKÖĞRETİM YETERLİLİKLER ÇERÇEVESİNDE, TOPRAK BİLİMİ VE BİTKİ BESLENME LİSANS EĞİTİMİ YETERLİLİKLERİNİN (BİLGİ, BECERİ VE YETKİNLİK) KAZANIMINA FİZİKİ ALTYAPIDAKİ İYİLEŞTİRMELERİN ETKİSİ, 2011 - 2012
14. Bilen S., Dick W. A., Universities of Other Countries Supported Project, Greenhouse gas budget and methane dynamics in a no tillage chronosequence Research Project Indiana University and Ohio State University United States Department Of Agriculture Cooperative State Research Education And Extension Service USA OMB Approved No 0524 0039 Research Assistant 2009 2012 3 years Bu projede görev almak için 6 ay süre ile TÜBİTAK tarafından USA da 6 ay süre ile görevlendirildim, 2008 - 2011

Scholarships

2219 Yurt Dışı Doktora Sonrası Burs, TÜBİTAK, 2009 - 2010

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Atatürk Üniversitesi, January, 2024

Associate Professor Exam, Associate Professor Exam, Karadeniz Tarımsal Araştırma Enstitüsü, December, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Iğdır Üniversitesi, November, 2023

Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, May, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

Doctorate, Doctorate, Université Mohammed V - Agdal, September, 2022

Doctorate, Doctorate, Université Mohammed V - Agdal, July, 2022

Competence In Art Monitoring Committee Member, Competence In Art Monitoring Committee Member, Atatürk Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Université Mohammed V - Agdal, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Université Mohammed V - Agdal, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, December, 2021

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2021

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2021
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2021
 Doctorate, Doctorate, Atatürk Üniversitesi, May, 2021
 Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Çanakkale Onsekiz Mart Üniversitesi, February, 2021
 Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bolu Abant İzzet Baysal Üniversitesi, February, 2021
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2020
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2020
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2020
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2020
 Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, June, 2020
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, April, 2020
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2019
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Plant growth-promoting bacteria isolated from earthworms enhance spinach growth and its phytoremediation potential in metal-contaminated soils**
 Houida S., Yakkou L., Kaya L. O., Bilen S., Raouane M., El Harti A., Amghar S.
 INTERNATIONAL MICROBIOLOGY, vol.27, no.2, pp.545-558, 2024 (SCI-Expanded)
2. **Unveiling resilience: coelomic fluid bacteria's impact on plant metabolism and abiotic stress tolerance**
 Yakkou L., Houida S., El Baaboua A., BİLEN S., Chelkha M., Okyay Kaya L., Aasfar A., Ameen F., Ahmad Bhat S., Raouane M., et al.
 Plant Signaling and Behavior, vol.19, no.1, 2024 (SCI-Expanded)
3. **Earthworm Aporectodea mollerii (oligochaeta)'s coelomic fluid-associated bacteria modify soil biochemical properties and improve maize (Zea mays L.) plant growth under abiotic stress conditions**
 Yakkou L., Houida S., Bilen S., Kaya L. O., Raouane M., Amghar S., El Harti A.
 ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.30, pp.11719-11739, 2023 (SCI-Expanded)
4. **Carbon Footprint Management by Agricultural Practices**
 Ozlu E., Arriaga F. J., Bilen S., Gozukara G., Babur E.
 BIOLOGY-BASEL, vol.11, no.10, 2022 (SCI-Expanded)
5. **Field-Scale Evaluation of the Soil Quality Index as Influenced by Dairy Manure and Inorganic Fertilizers**
 Ozlu E., Gözükar G., Acar M., Bilen S., Babur E.
 SUSTAINABILITY, vol.14, no.13, 2022 (SCI-Expanded)
6. **Biopriming of maize seeds with plant growth-promoting bacteria isolated from the earthworm Aporectodea mollerii: effect on seed germination and seedling growth**
 Houida S., Yakkou L., Kaya L. O., Bilen S., Fadil M., Raouane M., El Harti A., Amghar S.
 LETTERS IN APPLIED MICROBIOLOGY, vol.75, no.1, pp.61-69, 2022 (SCI-Expanded)
7. **Greenhouse gas fluxes in a no-tillage chronosequence in Central Ohio**
 Bilen S., Jacinthe P., Shrestha R., Jagadamma S., Nakajima T., Kendall J., Doohan T., Lal R., Dick W.
 SOIL & TILLAGE RESEARCH, vol.218, 2022 (SCI-Expanded)

8. **Taxonomic and functional characteristics of aerobic bacteria isolated from the chloragogenous tissue of the earthworm *Aporrectodea molleri***
Houida S., Yakkou L., Bilen S., Raouane M., El Harti A., Amghar S.
ARCHIVES OF MICROBIOLOGY, vol.203, no.8, pp.4805-4812, 2021 (SCI-Expanded)
9. **Impacts of Gumushane cement dust emissions on soil elemental compositions**
Bilen S., Özgül M., Ozlu E., Bilen M.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.45, no.6, pp.766-774, 2021 (SCI-Expanded)
10. **Co-inoculation effect of *Rhizobium* and *Achillea millefolium* L. oil extracts on growth of common bean (*Phaseolus vulgaris* L.) and soil microbial-chemical properties**
Turan V., Schroder P., Bilen S., Insam H., Juarez M. F.
SCIENTIFIC REPORTS, vol.9, 2019 (SCI-Expanded)
11. **Relationships between Cement Dust Emissions and Soil Properties**
Bilen S., Bilen M., Turan V.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.28, no.5, pp.3089-3098, 2019 (SCI-Expanded)
12. **Soil organic carbon pools in ploughed and no-till Alfisols of central Ohio**
Nakajima T., Shrestha R. K., Jacinthe P. -, Lal R., Bilen S., Dick W.
SOIL USE AND MANAGEMENT, vol.32, no.4, pp.515-524, 2016 (SCI-Expanded)
13. **The effect of fire on the vegetation and soil properties of ungrazed shortgrass steppe rangeland of the Eastern Anatolia region of Turkey**
Erkovan S., Koc A., Güllap M. K., Erkovan H. I., Bilen S.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.2, pp.290-299, 2016 (SCI-Expanded)
14. **Effects of no-till duration on the methane oxidation capacity of Alfisols**
Jacinthe P., Dick W. A., Lal R., Shrestha R. K., Bilen S.
BIOLOGY AND FERTILITY OF SOILS, vol.50, no.3, pp.477-486, 2014 (SCI-Expanded)
15. **Isolation and characterization of metal resistant-tolerant rhizosphere bacteria from the serpentine soils in Turkey**
Turgay O. C., Gormez A., Bilen S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.184, no.1, pp.515-526, 2012 (SCI-Expanded)
16. **Sulfite oxidase enzyme activity in soil**
Bilen S., Dick W. A.
BIOLOGY AND FERTILITY OF SOILS, vol.47, no.6, pp.647-654, 2011 (SCI-Expanded)
17. **The effects of boron management on soil microbial population and enzyme activities**
Bilen S., Bilen M., Bardhan S.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.10, no.27, pp.5311-5319, 2011 (SCI-Expanded)
18. **Sulfur Cycle Enzymes**
Klose S., Bilen S., Tabatabai M. A., Dick W. A.
METHODS OF SOIL ENZYMOLOGY, vol.9, pp.125-159, 2011 (SCI-Expanded)
19. **Effect of cement dust pollution on microbial properties and enzyme activities in cultivated and no-till soils**
Bilen S.
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.4, no.22, pp.2418-2425, 2010 (SCI-Expanded)
20. **Effects of strip and full-width tillage on soil carbon IV oxide-carbon (CO₂-C) fluxes and on bacterial and fungal populations in sunflower**
Bilen S., Çelik A., Altıkat S.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.9, no.38, pp.6312-6319, 2010 (SCI-Expanded)
21. **Total Phenolics Mineral Contents Antioxidant and Antibacterial Activities of *Glycyrrhiza Glabra* L Roots Grown Wild in Turkey Italian Journal of Food Science**
ERCIŞLİ S., ÇORUH İ., GÖRMEZ A., ŞENGÜL M., BİLEN S.
Italian Journal Of Food Science, vol.1, pp.91-99, 2008 (SCI-Expanded)
22. **Total phenolics, mineral contents, antioxidant and antibacterial activities of *Glycyrrhiza glabra* L. roots grown wild in Turkey**

- Ercişli S., Çoruh İ., Gormez A., Şengül M., Bilen S.
ITALIAN JOURNAL OF FOOD SCIENCE, vol.20, no.1, pp.91-99, 2008 (SCI-Expanded)
23. **Total Phenolics Mineral Elements Antioxidant and Antibacterial Activities of Some Edible Wild Plants in Turkey** Asian Journal of Chemistry
ÇORUH İ., GÖRMEZ A., ERCİŞLİ S., BİLEN S.
Asian Journal Of Chemistry, vol.19, no.7, pp.5755-5762, 2007 (SCI-Expanded)
24. **Total phenolics, mineral elements, antioxidant and antibacterial activities of some edible wild plants in Turkey**
Coruh I., Gormez A. A., Ercisli S., Bilen S.
Asian Journal of Chemistry, vol.19, no.7, pp.5755-5762, 2007 (SCI-Expanded)
25. **Effect of plant growth-promoting bacteria and soil compaction on barley seedling growth, nutrient uptake, soil properties and rhizosphere microflora**
Canbolat M. Y., Bilen S., Cakmakçı R., Sahin F., Aydın A.
BIOLOGY AND FERTILITY OF SOILS, vol.42, no.4, pp.350-357, 2006 (SCI-Expanded)

Articles Published in Other Journals

- Assessment of earthworm (*Aporrectodea molleri*)'s coelomic fluid-associated bacteria on different plant growth-promoting traits and maize germination and seedling growth**
Yakkou L., Houida S., Bilen S., Kaya L. O., Raouane M., Amghar S., El Harti A.
BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY, vol.42, 2022 (ESCI)
- 2018 - Ulusal Hak - Araş Mak - Deterjan çözeltilerinin tarım topraklarının bazı özellikleri üzerine etkileri**
Bilen S., Okyay Kaya L.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.19, pp.1-10, 2018 (Peer-Reviewed Journal)
- 2017 - Ulusal Hak - Derleme - Su Kirliliği ve Topraklar Üzerine Etkileri**
Bilen S.
İşte Sağlık, no.23, 2017 (Peer-Reviewed Journal)
- 2013 - Int Hak - SWJ - Environmental Impacts of No-Till and Cultivation Practices on Greenhouse Gas Fluxes**
Bilen S., Shrestha R., Jacinthe P. A., Dick W. A., Lal R.
SOIL-WATER JOURNAL, vol.2, no.2, pp.1863-1870, 2013 (Peer-Reviewed Journal)
- Supporting negative impacts of local fat plant Erzurum Turkey on the population and variety of aquatic Coleoptera in Karasu river by physico chemical parameters**
İncekara Ü., Bilen S., Yıldız Y. Ş., Aşkın H.
Munis Entomology and Zoology, vol.4, no.2, pp.555, 2009 (Peer-Reviewed Journal)
- Supporting Negative Impacts of Local Fat Plant Erzurum Turkey on The Population and Variety of Aquatic Coleoptera in Karasu River by The Physico Chemical Parameters**
İNCEKARA Ü., BİLEN S., YILDIZ Y. Ş., AŞKIN H.
Munis Entomology Zoology, vol.4, no.2, pp.555-559, 2009 (Peer-Reviewed Journal)
- 2005 - Ulusal Hak - Derleme - Toprak Kirlenmesi ve Biyolojik Çevre**
Kızıloğlu F. T., Bilen S.
Atatürk Üni. Ziraat Fak. Dergisi,, vol.36, no.1, pp.83-88, 2005 (Peer-Reviewed Journal)
- 2005 - Int Hak - PSP - Effects of Inoculation with Rhizobium phaseoli F7 F83 Isolates and Magnesium Fertilization on Dry Matter and Nitrogen Content of Bean Phaseolus Vulgaris**
BİLEN S., KIZILOĞLU F. T.
Parlar Scientific Publications (PSP) Advances Food Sciences, vol.27, no.3, pp.109-115, 2005 (Peer-Reviewed Journal)
- Farklı Topraklara Uygulanan Azotlu Gübrelemenin Nitrifikasyon Üzerine Etkisi**
Kızıloğlu F. T., Bilen S., Ataoğlu N.

- Atatürk Üni. Zir. Fak. Dergisi, vol.32, pp.137-142, 2001 (Peer-Reviewed Journal)
10. **Azotobacter chroococcum İle Aşılamanın ve Çeşitli Düzeylerde Azot Gübrelemesinin Mısırın Zea Mays L Kök Üstü Kök Kuru Madde Miktarı Oranına Karbonhidrat ve Protein İçeriğine Etkisi**
Kızıloğlu F. T., Bilen S., Ataoğlu N.
Atatürk Üni. Zir. Fak. Dergisi, vol.32, no.3, pp.215-221, 2001 (Peer-Reviewed Journal)
11. **Erzincan Ovasında Yetiştirilen Starking Delicious Elma Çeşidinin Beslenme Durumunun Belirlenmesi Üzerinde Bir Araştırma**
Gülertüz M., Ercişli S., Bilen S.
Turkish Journal Of Agriculture And Forestry, vol.23, pp.311-317, 1999 (Scopus)
12. **1993 - Ulusal Hak - Araş Mak - Toprak Reaksiyonunun Bitki Besin Elementleri Elverişliliği Üzerine Etkisi**
Bilen S., Yıldırım S.
Atatürk Üniversitesi, Ziraat Fakültesi Dergisi., vol.24, no.2, pp.156-166, 1993 (Peer-Reviewed Journal)

Books & Book Chapters

1. **2024 - Int Book Chapter - The application of organic manure for better soil health and higher crop production**
Çerçioğlu M., Özlü E., Gözükar G., Acar M., Uçar G., Demirel B. Ç., Houida S., Bilen S.
in: Regenerative Agriculture: Translating Science to Action, Rakshit, A., Parihar, M., Singh Meena, V., Abhilash, P., Jha, P.K., Sarkar, D., Editor, CRC Press, Florida, pp.175-190, 2024
2. **2024 - Int Book Chapter - Exposure to emerging contaminants: ecotoxicological effects on earthworms and the potential of gut-associated microorganisms in bioremediation**
Houida S., Yakkou L., Chelkha M., Bilen S., Sartaj A. B., Raouane M., El Harti A., Amghar S.
in: Waste And The Environment: Underlying Burdens and Managment Strategies. EARTHWORM TECHNOLOGY IN ORGANIC WASTE MANAGEMENT, Kui Huang, Sartaj Ahmad Bhat, Fusheng Li, Vineet Kumar, Editor, Elsevier, Cambridge, pp.257-292, 2024
3. **2024 - Int Book Chapter - How do earthworms affect the microbial community during vermicomposting for organic waste recycling?**
Yakkou L., Houida S., Chelkha M., Bilen S., Raouane M., Amghar S., El Harti A.
in: Waste And The Environment: Underlying Burdens and Managment Strategies. EARTHWORM TECHNOLOGY IN ORGANIC WASTE MANAGEMENT, Kui Huang, Sartaj Ahmad Bhat, Fusheng Li, Vineet Kumar, Editor, Elsevier, Cambridge, pp.15-39, 2024
4. **2022 - Int Book Chapter - PHAM - Enzymatic Analyses in Soils**
Bilen S., Turan V.
in: Practical Handbook on Agricultural Microbiology, Natarajan Amaresan, Prittesh Patel, Dhruti Amin, Editor, Springer, London/Berlin , New York, pp.377-385, 2022
5. **2022 - Int Book Chapter - PHAM - Enzymatic Analyses in Soils**
Bilen S., Turan V.
in: 2022 - Int Book Chapter - PHAM - Enzymatic Analyses in Soils, Natarajan Amaresan,Prittesh Patel,Dhruti Amin, Editor, Springer, London/Berlin , New York, pp.377-385, 2022
6. **2012 - Int Book Chapter - The Role of Plant Growth-Promoting Rhizosphere Bacteria (PGPR) in Toxic Metal Extraction by Brassica spp. Chapter 8**
Turgay O. C., Bilen S.
in: The Plant Family Brassicaceae Environmental Pollution, Naser A. Anjum, Iqbal Ahmad, M. Eduarda Pereira, Armando C. Duarte, Shahid Umar, Nafees A. Khan, Editor, Springer Dordrecht Heidelberg New York London. Springer ScienceBusiness Media B.V. 2012., New York, pp.213-238, 2012
7. **2011 - Int Book Chapter - Sulfur Cycle Enzymes. Chapter 7,**
Susanne K., Bilen S., M Ali T., Warren A D.
in: Methods of Soil Enzymology, Richard P. Dick, Editor, Soil Science Society of America, Madison, WI, USA.,

Wisconsin, pp.125-159, 2011

8. **2011 - Int Book Chapter - Biological Active Compounds in Soil: Plant hormones and allelochemicals. Chapter 12,**
Bilen S., Jeong Jin K., Warren A D.
in: Methods of Soil Enzymology, Richard P. Dick, Editor, Soil Science Society of America, Madison, WI, USA.,
Wisconsin, pp.261-274, 2011

Refereed Congress / Symposium Publications in Proceedings

1. **2022 - Int Cong - TM - Effect of earthworm's associated bacteria on plant metabolism**
Yakkou L., Houida S., Bilen S., Okyay Kaya L., Raouane M., Amghar S., El Harti A.
Second Edition of MAASI Scientific Week From 21 to 31 May 2022, Istanbul, Turkey (Hybrid), Istanbul, Turkey, 21 - 31 May 2022, pp.131-136
2. **2022 - Int Cong - TM - Metal-tolerant bacteria isolated from the earthworm *Apporectodea moller*: promising coating inoculants for spinach seeds**
Houida S., Yakkou L., Okyay Kaya L., Bilen S., Raouane M., El Harti A., Amghar S.
Second Edition of MAASI Scientific Week From 21 to 31 May 2022, Istanbul, Turkey (Hybrid), Istanbul, Turkey, 21 - 31 May 2022, pp.137-142
3. **2021 - Int Cong - TM - The potential use of bacteria isolated from the earthworms *Apporectodea moller* to promote spinach (*Spinacia oleracea*) growth under heavy metals**
HOUIDA S., YAKKOU L., OKYAY KAYA L., BİLEN S., RAOUANE M., EL HARTI A., AMGHAR S.
1st International Congress, SUSTAINABLE AGRICULTURE TOOLS AND INNOVATIONS, AgriNov2021, Beni Mellal, Morocco, 27 - 30 October 2021
4. **2021 - Int Cong - TM - In vivo plant promoting effect of bacteria isolated from the coelomic fluid of the earthworm *Apporectodea moller***
YAKKOU L., HOUIDA S., BİLEN S., OKYAY KAYA L., RAOUANE M., AMGHAR S., EL HARTI A.
1st International Congress, SUSTAINABLE AGRICULTURE TOOLS AND INNOVATIONS, AgriNov2021, Beni Mellal, Morocco, 27 - 30 October 2021
5. **2019 - Int Cong - TM - Relations Between Boron Fertilization and Soil Microbial Properties. (OP)**
BİLEN S., Bilen M.
ICADET "3rd International Conference on Advanced Engineering Technologies (ICADET)" Bayburt 19-21 Eylül 2019. , 19 - 21 November 2019
6. **2019 - Int Cong - TM - SSSA San Antonio TX - Impacts of Cement Dust Emissions on Predicting Soil CO₂ Fluxes in Gumushane, Turkey.**
Bilen S., Özlü E., Bilen M., Özgül M., Barik K.
ASA-SSSA Int. Annual Meetings of the ASA., CSSA, and SSSA. San Antonio, TX, USA. 10-13 November 2019.
"Embracing the Digital Environment", Texas, United States Of America, 10 - 13 November 2019
7. **2019 - Int Cong - TM - Response of different olive pulp biochar doses with sulfur or alone on microbial respiration and total bacteria population of soil.**
TURAN V., BİLEN S.
ICSAE 6th Int. Con. on Sustainable Agri. and Envi. (6th ICSAE),"3-5 Ekim 2019. Konya., 3 - 05 October 2019
8. **2019 - Int Cong - TM - Effects of *Achillea millefolium* L. oil extracts and *Rhizobia* inoculation on phosphorus content of *Phaselous vulgaris*.**
BİLEN S., TURAN V.
ICSAE 6th Int. Con. on Sus. Agri. and Envi. Konya. 3-5 Ekim 2019., 3 - 05 October 2019
9. **2018 - Int Cong - TM - Agbiol Edirne - Soil Phosphatase Activity in Different Buffer pH**
BİLEN S., DICK W. A.
"International Agricultural, Biological and Life Science Conference" Trakya University, Edirne, Turkey. September 2-5, 2018., 2 - 05 September 2018
10. **2018 - Int Cong - TM - Agbiol Edirne - Effects of Soil Tillage on Soil Properties**

Bilen S., Islam R., Bilen M., Özgül M.

"International Agricultural, Biological and Life Science Conference" Trakya University, Edirne, Turkey. September 2-5, 2018., Edirne, Turkey, 2 - 05 September 2018

11. **2018 - Int Cong - Poster - Evaluation of mechanical behaviors of soil with different soil texture and aggregate size**
HACIMÜFTÜOĞLU F., BİLEN S., CANBOLAT M. Y.
IV. International Agriculture Congress, Nevsehir Turkey. 05-08 2018, Turkey, 5 - 08 July 2018
12. **2018 - Int Cong - Poster - Effects of organic and chemical fertilizer on some soil properties**
BİLEN S., HACIMÜFTÜOĞLU F., CANBOLAT M. Y.
IV. International Agriculture Congress Nevşehir, Turkey 05-08 July, 2018., 5 - 08 June 2018
13. **2018 - Int Cong - Poster - Effects of No-till (Conservation) Systems and Conventional Tillage Systems on Some Soil Properties**
BİLEN S., CANBOLAT M. Y., HACIMÜFTÜOĞLU F.
IV. International Agriculture Congress Nevsehir, Turkey. 05-08 July 2018, 5 - 08 July 2018
14. **2017 - Çalıştay - TM - Mikrobiyal Gübrelemede Toprak Özellikleri ve Çevre Şartları Gıda Tarım ve Hayvancılık Bakanlığı**
BİLEN S.
Mikrobiyal Gübre Çalıştayı. Ilgaz Dağı Biyolojik Çeşitlilik ve Doğal Kaynaklar Araştırma ve Eğitim Merkezi, Kastamonu, Türkiye., Turkey, 23 - 24 October 2017
15. **2017 - Int Cong - TM - Effects of Achillea plant Essential Oil and some Rhizobium Bacteria Inoculation on Enzyme Activity of Soil planted bean (Phaseolus vulgaris) plant**
BİLEN S., TURAN V.
International ASA, CSSA, SSSA Annual Meetings Tampa, Florida, 22 - 25 October 2017
16. **2017 - Int Cong - TM - Effects of Achillea Plant Essential Oil and Some Rhizobium Bacteria Inoculation on Soil Enzyme Activity in Bean (Phaseolus vulgaris) Plant.**
BİLEN S., TURAN V.
Managing Global Resources for a Secure Future 2017 Annual Meeting October 22-25 Tampa, FL, 22 - 25 October 2017
17. **2017 - Int ong - Poster - Sulardaki Toprak Kirletici Maddelerin Tarım Toprakları Üzerine Etkileri**
BİLEN S., OKYAY KAYA L.
ICADET "1st International Organic Agriculture and Biodiversity Symposium Bayburt", 27 - 29 September 2017
18. **2017 - Int Cong - TM - Aşkale Cement Dust Emission Effects on Soil Biological, Chemical and Soil Quality**
BİLEN S., OKYAY KAYA L., ISLAM R.
ICADET "1st International Organic Agriculture and Biodiversity Symposium Bayburt", 27 - 29 September 2017
19. **2017 - Int Cong - TM - Alkaline Phosphatase Activity in Soil Affected by Additions of Zinc**
BİLEN S., DİCK W. A.
ICADET "1st International Organic Agriculture and Biodiversity Symposium 27-29 September 2017 Bayburt", 27 - 29 September 2017
20. **Agriculture Congress**
BİLEN S., CANBOLAT M. Y., HACIMÜFTÜOĞLU F., BARİK K., AYDIN A., ÇORUH İ.
15. kongre, Turkey, 3 - 06 April 2017
21. **Laundry detergents play a very large role in daily life Commercial laundry detergent however contains many irritating and potentially toxic ingredients**
BİLEN S., BARİK K.
SSSA Division: Soil Biology and Biochemistry Tuesday, November 8, 2016: 4:00 PM-6:00 PM Phoenix Convention Center North, Exhibit Hall CDE, Los-Angeles, Chile, 6 - 09 November 2016
22. **Effects of Laundry Detergent Residues on Some Biochemical Properties of the Farming Soil and Seeds Germination Rates**
BİLEN S., BARİK K.
Resilience Emerging from Scarcity and Abundance" . ASA, CSSA, SSSA International Annual Meetings, Phoenix, AZ.

(Poster)(YayınNo:1317231), Phoenix, United States Of America, 6 - 09 November 2016

23. **2015 - Int Cong - Poster - Effects of dust detergent residues on biological properties of the farming soils**
BİLEN S., Bilen M., Yılmaz O.
International Congress on "Soil Science in International year of soils", 19 - 23 October 2015
24. **2015 - Int Cong - TM - CONCENTRATIONS OF MAJOR AND TRACE ELEMENTS IN SEDIMENT AND WATER OF VAN LAKE TURKEY BY ICP OES AND EDXRF**
AKDEMİR F., ASLI A., AKMAN F., BİLEN S., KAÇAL M. R., DURAK R.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, İstanbul, Turkey, 24 - 27 August 2015, pp.101
25. **CONCENTRATIONS OF MAJOR AND TRACE ELEMENTS IN SEDIMENT AND WATER OF VAN LAKE TURKEY BY ICP OES AND EDXRF**
AKDEMİR F., ASLI A., AKMAN F., BİLEN S., KAÇAL M. R., DURAK R.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, İstanbul, Turkey, 24 - 27 August 2015, pp.101
26. **2014 - Int Cong - Poster - Effects of Plant Essential Oils on Soil Microbial Community and Soil Respiration 2014**
TURAN V., BİLEN S.
ASA, CSSA, SSSA International Annual Meetings, Long Beach, California., 2 - 05 November 2014
27. **2014 - Int Cong - Poster - Influence of Essential Oils on the Productivity of Bean Phaseolus vulgaris and Soil Microbial Community and Effectiveness of Rhizobium leguminosarum Inoculation**
TURAN V., BİLEN S.
ASA, CSSA, SSSA International Annual Meetings, Long Beach, California., 2 - 05 November 2014
28. **2014 - Int Cong - TM Sunu - Influence of plant exudates essential oils and or some different bacteria solution on the productivity of P vulgaris and soil microbial community**
TURAN V., BİLEN S.
9th International Soil Science Congress on "The Soul of Soil and Civilization, Side, Antalya / Turkey., 14 - 16 October 2014
29. **2013 - Int Cong - TM Sunu - Environmental Impacts of No Till and Cultivation Practices on Greenhouse Gas Fluxes**
BİLEN S., Shrestha R., Jacinthe P. A., Dick W. A., Lal R.
1st Central Asia Congress on Modern Agricultural Techniques and Plant Nutrition. Kyrgyz-Turkish Manas University (KTMU), Cengiz Aytmatov Campus, Bishkek, Kyrgyzstan., 1 - 03 October 2013, vol.2, pp.1863-1870
30. **2012 - Int Cong - TM Sunu - The Carbon Balance of No till Agroecosystems A Chronosequence Analysis**
Jacinthe P. A., Dick W. A., BİLEN S., Jagadamma S.
Vision for a Sustainable Planet. ASA, CSSA, SSSA International Annual Meetings, Cincinnati, Ohio., 21 - 24 October 2012
31. **2012 - Int Cong - TM Sunu - Tillage and Rotation Impacts on Greenhouse Gas Fluxes in Ohio USA**
Liming C., Campel B., BİLEN S., Toru N., Raj S., Kendall J., Wu M., Yongqiang T., Jacinthe P. A., Lal R., et al.
The Third International Conference on C Sequestration and Climate Change Mitigation in Agriculture. Session 3, Carbon and Nitrogen Interactions in Soil, 21 - 24 July 2012
32. **2012 - Int Cong - Poster - Greenhouse Gas Budgets After 46 years of Continuous Application of Various Tillage Practices**
BİLEN S., Shrestha R., Jacinthe P. A., Dick W. A., Lal R.
The 8th International Soil Science Congress on "Land Degredation and Challenges in Sustainable Soil Management" 15-17 May 2012, Cesme-İzmir-Turkey., İzmir, Turkey, 15 - 17 May 2012
33. **2011 - Int Cong - Poster - Greenhouse gases emission and carbon sequestration in agro ecosystems under long term no till implications for global warming mitigation Soil Carbon and Nitrogen Cycles Scaling Processes From Observations to Models II Posters**
Jacinthe P. A., Dick W. A., Lal R., Shrestha R., BİLEN S.

International AGU (American Geologist Union) Fall Meeting, December 5-9, Moscone Center, San Francisco, CA., San-Francisco, Costa Rica, 5 - 09 December 2011

34. **2011 - Int Cong - TM - No till Increases Nitrous Oxide Emissions and Global Warming Potential. Raj Shrestha, Pierre Andre Jacinthe, Serdar Bilen, Sindhu Jagadamma, Warren Dick Rattan Lal**
SHRESTHA R., JACHİNTE P. A., BİLEN S., JAGADAMA S., DİCK W. A., LAL R.
ASA-CSSA-SSSA 2011 International Annual Meetings, "Fundamental for Life: Soil, Crop, Environmental Sciences," San Antonio, TX, 16 - 19 October 2011
35. **2010 - Int Cong - OP - Nitrogen Dynamics and Greenhouse Gas Emissions in a No till Chronosequence**
Shrestha R., Jacinthe P. A., Jagadamma S., BİLEN S., Dick W. A., Lal R.
International Annual Meetings. Oct 31- Nov 4, Long Beach, CA., Long Beah, United States Of America, 31 October - 04 November 2010
36. **2010 - Int Cong - Poster - Greenhouse Gas Fluxes in A Tillage Chronosequence ASA CSSA and SSSA**
BİLEN S., Jagadamma S., Jacinthe P. A., Shrestha R., Dick W. A.
International Annual Meetings. Oct 31- Nov 4, Long Beach, CA., 31 October - 04 November 2010
37. **2010 - Int Cong - TM - Isolation and Characterization of Metal Tolerant BRB from Serpentine and Mine Soils in Turkey**
TURGAY O. C., GÖRMEZ A., BİLEN S.
International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality Ondokuz Mayıs University, Samsun, Turkey, May 26-28, 2010, Abstract book, 151., Samsun, Turkey, 26 - 28 May 2010
38. **2010 - Int Cong - Poster - Greenhouse Gas Budget in a Widespread Tillage Chronosequence**
BİLEN S., Jagadamma S., Dick W. A.
4th Annual International Scholar Research Exposition. The Ohio State University, Nov 2-Dec 31., 02 November 2010 - 31 December 2009
39. **2007 - Int Cong - Poster - Influence of Different Bioremediation Treatments on Enzyme Activities Biochemical Fertility Index and Hydrocarbon Content in an Experimentally Crude Oil Polluted Soil Proceedings,**
TURGAY O. C., Erdoğan E., BİLEN S., NAMLI A.
The Third International Conference. Enzymes in the Environment, Viterbo-Italy. 15-19 July, Viterbo / ITALY, P 95 No 902, 15 - 19 July 2007, vol.902, pp.95
40. **2007 - Int Cong - Poster - Evaluation of Soil Enzyme Activities and Biochemical Index for Monitoring the Impacts of Humic Substances Induced Biostimulation on Hydrocarbon Degradation in a Crude Oil Contaminated Soil**
TURGAY O. C., Erdoğan E., BİLEN S., NAMLI A.
15-19 July, Viterbo / ITALY, Proceedings, 15 - 17 July 2007
41. **2005 - Nat Cong - TM - Farklı Yaşlardaki Değişik Rhizobium Kültürleri İle Aşılamanın Ve Çeşitli Dozlardaki Azotlu Mineral Gübrelemenin Mercimek Lens Culunaris Bitkisinin Simbiyotik Özellikleri Üzerine Etkileri**
BİLEN S., KIZILOĞLU F. T.
GAP IV. Tarım Kongresi, 21-23 Eylül. Ş. Urfa., Turkey, 21 - 23 September 2006
42. **2006 - Int Cong - TM - The Effects of Cement Dust Pollution on The Microbial Prooerties of Agricultural Lands**
BİLEN S., TURGAY O. C.
18 th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology". Proceodings Volume I. May 22-26, p: 824-830, Sanliurfa, Turkey., 22 - 26 May 2006, vol.1, pp.824-830
43. **2006 - Int Cong - TM - Advanced Techniques in Soil Microbiology Structural and Functional Characterization of Soil Microbial Diversity by CLLP Analysis and PLFA Profilling**
TURGAY O. C., BİLEN S., GÖRMEZ A., YUVALI ÇELİK G.
18 th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology". Proceodings Volume I. May 22-26, p: 7-14, Sanliurfa, Turkey., 22 - 26 May 2006, vol.1, pp.7-14

44. **2004 - Nat Cong - TM - Farklı Azotlu Gübre Kaynaklarının Kuru Fasulye Phaseolus vulgaris Bitkisinin Verim ve Verim Unsurları Üzerine Etkileri**
KILIÇ E., TURAN M., BİLEN S., ŞAHİN F.
3. Ulusal Gübre Kongresi, Tarım Sanayi Çevre. 11-13 Ekim, Biyogübreler, s: 953-958., Turkey, 11 - 13 October 2004, pp.953-958
45. **2004 - Nat Cong - TM - Toprakten ve Yapraktan Uygulanan Azotlu Gübrelemenin ve Azotobacter sp İzolati İle Aşılamanın Buğday Bitkisinin Kuru Madde Miktarı ve Toplam Azot İçeriği Üzerine Etkisi**
KIZILOĞLU F. T., BİLEN S.
3. Ulusal Gübre Kongresi, Tarım Sanayi Çevre. 11-13 Ekim, Biyogübreler, s: 945-952. Tokat, Turkey, 11 - 13 October 2004, pp.945-952
46. **The effects of some plant growth regulators on changes of element contents in vegetative organs of bean Phaseolus vulgaris L cv Terzibaba 1998 at chilling temperature**
DÜMLÜPINAR R., BİLEN S., ERDAL S.
International Soil Congress, 10 - 14 June 2004
47. **2004 - Int Cong - TM - Effects of Inoculation With Single And Mixed Culture Isolates on Dry Matter Nitrogen Nodule Number And Nodule Nitrogen Contents of Beans Phaseolus Vulgaris**
KIZILOĞLU F. T., BİLEN S.
International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development" June 7-10, H.1, s: 1-9, Erzurum-Turkey, 7 - 10 June 2004, vol.1, pp.1-9
48. **2004 - Int Cong - TM - Effects Of Organic And Chemical Fertilizers on Yield And Yield Parameters of Bean Phaseolus Vulgaris**
KILIÇ E., BİLEN S., TURAN M., ŞAHİN F.
International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development" June 7-10, H.5, s: 32-38, Erzurum-Turkey, 7 - 10 June 2004, vol.5, pp.32-38
49. **Effects Of Some Plant Growth Regulators on Macro Element Contents Ca Mg And K of Bean Plant Phaseolus Vulgaris L Cv Terzibaba 1998 At Chilling Temperatures**
DÜMLÜPINAR R., BİLEN S., ERDAL S.
International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development" June 7-10, M.6, s:33-42, Erzurum-Turkey., 7 - 10 June 2004, vol.6, pp.33-42
50. **1998 - Int Cong - TM - Effect of microbial inoculation and chemical fertilizer on protein carbohydrate and shoot root dry matter ratio of corn Zea mays L plant**
KIZILOĞLU F. T., BİLEN S., ATAÖĞLU N.
M. Şefik Yeşilsoy International Symposium On Arid Region Soils. Organized by Soil Science Society of Turkey, General Directorate of Rural Services, Çukurova University and held under the aegis of the International Society of Soil Science. 21-24 September, Menemen, İzmir, Turkey, p:236-243., 21 - 24 September 1998, pp.236-243
51. **2002 - Int Cong - TM - Effects of Inoculation with Rhizobium Isolates and Different Doses of Magnesium Fertilizer on Dry Matter NO₃ N and Total Nitrogen Contents of Beans Phaseolus Vulgaris**
BİLEN S., ATAÖĞLU N., KIZILOĞLU F. T.
International Conference on Sustainable Land Use and Management. 10-13 June 2002. Çanakkale-Turkey/, 10 - 13 June 2002
52. **1999 - Nat Cong - TM - Değişik Azot Kaynaklarının Farklı Zamanlarda Uygulanmasının Patates Yumrusunun Besin Elementi İçeriğine Etkisi**
KARADOĞAN T., BİLEN S.
II. Ulusal Patates Kongresi, 28-30 Haziran. Erzurum, Turkey, 28 - 30 June 1999, pp.390-401
53. **1999 - Nat Cong - TM - Azot ve Fosforun Uygulama Şekli ve Miktarının Patates Yumrusunun Besin Elementi İçeriğine Etkisi Atatürk Üniversitesi Ziraat Fakültesi**
KARADOĞAN T., BİLEN S.
II. Ulusal Patates Kongresi, 28-30 Haziran. s: 384-389, Erzurum, Turkey, 28 - 30 June 1999, pp.384-389
54. **1998 - Nat Cong - TM - Azotlu ve mikrobiyal gübrelemenin bazı toprak özellikleri ile inorganik azot miktarına etkisi**
KIZILOĞLU F. T., ATAÖĞLU N., BİLEN S.

5. Ulusal Nükleer Tarım ve Hayvancılık Kongresi 20-22 Ekim Tebliğ Tam Metinleri Kitabı Selçuk Üniv. Konya, s:17-23., Turkey, 20 October - 22 September 1998, pp.17-23
55. **1998 - TM - Çeşitli Mısır bitkilerinin kök gövde ve yaprak kuru madde miktarları ve NO3 azotu içeriği üzerine Azotobacter chroococcum kültürleri ile aşılamanın ve azotlu kimyasal gübrelemenin etkisi**
KIZILOĞLU F. T., BİLEN S., ATAÖĞLU N.
Doğu Anadolu Tarım Kongresi 14-18 Eylül Bildiri Kitabı, s: 1326-1337. Erzurum, Turkey, 14 - 18 September 1998, pp.1326-1337
56. **1995 - Nat Cong - TM - Topraklara Uygulanan Farklı Konsantrasyonlardaki Değişik Tuzların Birbirleri Üzerine Tamamlayıcı İyon Etkileri**
BİLEN S., Yıldırım S.
İlhan Akalan Toprak ve Çevre Sempozyumu, 27-29 Eylül, Cilt 1, s: A-36.Yayın No: 7, Ankara., Turkey, 27 - 29 September 1995, vol.1, pp.36

Expert Reports

1. **Asliye hukuk**
Bilen S., Canbolat M. Y., Özgül M.
Atatürk Üniversitesi, pp.8, Erzurum, 2021

Visual Activities

Bilen S., SCI - Nuture - Doğadan Sofraya Bilim - Canlı Yayın, Radio Program, 2022 - 2022
Bilen S., Organik Tarım Yapan Topluluklar, Radio Program, 2022 - 2022
BİLEN S., Radio Program, 2018 - 2018
BİLEN S., Radio Program, 2018 - 2018

Academic and Administrative Experience

2021 - Continues	Emekli Öğretim Üyesi Atama Komisyonu	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2021 - Continues	Atatürk Üniversitesi Spor Kulübü Yönetim Kurulu Üyesi	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2020 - Continues	Performance Evaluation Commission Member	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2020 - Continues	Deputy Head of Department	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2019 - Continues	Fakülte Spor Koordinatörü	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2019 - Continues	Department Academic Incentive Evaluation Commission Member	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2018 - Continues	Member of Department Promotion and Alumni Relations Commission	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme

2018 - Continues	Member of Unit Promotion and Alumni Relations Commission	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2018 - Continues	Member of Unit Quality Commission	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2018 - Continues	Member of Department Quality Commission	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2018 - Continues	Member of Programme Steering Committee	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2015 - Continues	Adaptation/Exemption Committee Member	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2015 - Continues	Faculty Academic Council Member	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2014 - Continues	Erasmus Program Department Coordinator	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2012 - Continues	Academic Council Member of Department	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2018 - 2021	Head of Department	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2016 - 2021	Tarım Bilgi Sistemi Bölüm Laboratuvar Sorumlusu (ÇKS)	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2014 - 2020	Bologna	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2014 - 2018	Mevlana Exchange Program Institutional Coordinator	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme
2014 - 2018	Farabi Program Institutional Coordinator	Ataturk University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme

Courses

Toprak Biyolojisi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
 Seminer MSc, Postgraduate, 2023 - 2024
 Seminer PhD, Postgraduate, 2023 - 2024
 Toprak Mikrobiyolojisi, Postgraduate, 2023 - 2024, 2022 - 2023
 Mezuniyet Çalışması I, Undergraduate, 2022 - 2023
 Mezuniyet Çalışması II, Undergraduate, 2023 - 2024
 Toprak Bilimi ve Bitki Besleme, Undergraduate, 2022 - 2023
 Tarımda Mikrobiyal Gübreleme, Undergraduate, 2022 - 2023
 Danışmanlık MSc, Postgraduate, 2023 - 2024, 2022 - 2023
 Danışmanlık PhD, Doctorate, 2023 - 2024, 2022 - 2023

UAD, Postgraduate, 2023 - 2024, 2022 - 2023

Bitki Biyokimyası ve Fizyolojisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Ekolojik Tarım, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Toprak Ekolojisi, Undergraduate, 2021 - 2022

Toprak Analizleri, Undergraduate, 2021 - 2022

Toprak Laboratuvar Teknikleri, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Toprak Biyolojisi, Undergraduate, 2021 - 2022

Proje Tasarımı ve Veri Analizleri II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Proje Tasarımı Ve Veri Analizleri I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Mikrobiyal Gübreleme, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Toprak Bilgisi, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Toprak Mikroorganizmalarını İnceleme Metodları, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Toprak ve Çevresel Biokimya, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Toprak Biliminin İlkeleri 2, Undergraduate, 2020 - 2021, 2019 - 2020

Advising Theses

Bilen S., Anız yakmanın tarım topraklarının biyolojik özellikleri üzerine etkileri, Postgraduate, İ.Denizoğlu(Student), Continues

Bilen S., Farklı bitkilerin yetiştirildiği toprakların mikrobiyal aktivitelerinin karşılaştırılması., Postgraduate, İ.N.(Student), Continues

Bilen S., Deve Gübresinin Toprakların Biyolojik Özelliklerine Etkileri, Postgraduate, G.Çelebi(Student), Continues

Bilen S., Toprakta İzole Edilen Azot Fikse eden Bakteriler ile Aşılamanın Lahana Bitkisinin Azot ve Fosfor İçeriği Üzerine Etkileri , Doctorate, A.YEMİŞÇİ(Student), Continues

Bilen S., Toprakta izole edilen bakterilerin mısır bitkisinin gelişimi üzerine etkileri, Doctorate, L.OKYAY(Student), Continues

Amghar S., Bilen S., Bacteria isolated from the chloragogenous tissue of the earthworm Aporectodea molleri: molecular identification and characterization of their potential to promote the growth (PGP) and the phytoremediation ability of Spinacia oleracea cultivated under heavy metal stress, Doctorate, S.Houida(Student), 2022

Bilen S., Amghar S., In vitro demonstration of the role of earthworms on the growth of PGPR and PGPF microorganisms. Phylogenetic determination of bacteria isolated from the coelomic fluid of the earthworm Aporectodea molleri and characterization of their promoter properties on soil fertility and on the growth and the metabolism of maize (Zea mays) under abiotic stress conditions., Doctorate, L.Yakkou(Student), 2022

Bilen S., Bazı organik (at ve tavuk) gübrelerin toprağın biyolojik özellikleri üzerine etkileri, Postgraduate, Z.KURT(Student), 2019

Bilen S., Şeker pancarı küspesinin toprakların bazı biyolojik özellikleri üzerine etkisi, Postgraduate, M.YAPICI(Student), 2019

Bilen S., Ağır metallerin toprakların biyolojik özellikleri üzerine etkileri, Postgraduate, A.YAVUZ(Student), 2019

Bilen S., Azotlu Mineral Gübre ve Azotobacter sp Bakteri Uygulamasının Fındık Verimi Üzerine Etkileri., Postgraduate, O.ÜÇÜNCÜ(Student), 2018

Bilen S., Köy ve Çiftlik Ortamında Yetiştirilen Tavuklardan Elde Edilen Gübrelerin Toprakların Bazı Özellikleri Üzerine Etkileri., Postgraduate, V.Asan(Student), 2018

Bilen S., Toz deterjan çözeltilerinin tarım topraklarının özellikleri üzerine etkileri, Postgraduate, L.OKYAY(Student), 2018

Bilen S., Azotlu mineral gübre ve Azotobacter sp bakteri uygulamasının fındık verimi üzerine etkileri, Postgraduate, O.ÜÇÜNCÜ(Student), 2018

Bilen S., Effects of vermicompost fertilization on some soil properties, Postgraduate, A.YEMİŞÇİ(Student), 2018

Bilen S., Doğal koşullarda ve çiftlik ortamında yetiştirilen tavuklardan elde edilen gübrelerin toprakların bazı özellikleri üzerine etkileri, Postgraduate, V.ASLAN(Student), 2018

Bilen S., Toprakların ağır metal içerikleri üzerine çeşitli bakteri izolatlarının etkileri, Postgraduate, E.YILDIRIM(Student), 2017

Bilen S., Achillea bitkisi uçucu yağı ve Rhizobium bakterileri ile aşılamanın fasulye (*Phaseolous vulgaris*)'de bitki gelişimi, toprağın biyolojik ve biyokimyasal özellikleri üzerine etkileri, Doctorate, V.TURAN(Student), 2016
Bilen S., Fertigasyon metodu ile sulamanın, farklı dozlarda azotlu gübrelemenin ve bakteri (*Azotobacter* spp.) aşılmasının mısır (*Zea mays* L.) bitkisinin bazı verim unsurları üzerine etkileri, Postgraduate, N.DEMİRCİ(Student), 2014
Bilen S., Farklı yaşlardaki Rhizobium kültürleri ile aşılamanın mercimek bitkisinin verim unsurları üzerine etkisi, Postgraduate, S.MATUR(Student), 2009

Activities in Scientific Journals

Frontiers in Soil Science, Assistant Editor/Section Editor, 2022 - Continues
Research in Agricultural Sciences, Assistant Editor/Section Editor, 2020 - Continues
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, Assistant Editor/Section Editor, 2021 - 2021
Turkish Journal Of Agriculture And Forestry, Assistant Editor/Section Editor, 2020 - 2020

Memberships / Tasks in Scientific Organizations

GLOSOLAN Soil Laboratory Network - GLOSOLAN Soil Partnership, Member, 2023 - Continues, Hungary
EUROSOLAN Soil Laboratory Network - EUROSOLAN Soil Partnership, Member, 2022 - Continues, Hungary
NASOLAN Soil Laboratory Network - ULUSAL Soil Partnership, Member, 2021 - Continues, Turkey
American Geophysical Union, Member, 2013 - Continues
Soil Science Society of America, Member, 2009 - Continues
Çevre Gönüllüleri Derneği, Member, 2005 - Continues
Ziraat Mühendisleri Odası, Member, 1996 - Continues
Toprak İlmi Derneği, Member, 1994 - Continues

Scientific Refereeing

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Tübitak, Turkey, March 2024
Atatürk Üniversitesi Ziraat Fakültesi Dergisi, Journal Indexed in ESCI, December 2023
SOIL SCIENCE SOCIETY OF AMERICA JOURNAL, SCI Journal, October 2023
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, SCI Journal, October 2023
Kahramanmaraş Sütçü İmam Üniversitesi Tarım Ve Doğa Dergisi, Journal Indexed in ESCI, October 2023
H2020 Project, H2020 Other Career Development Projects, Ataturk University, Turkey, October 2023
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Tübitak, Turkey, October 2023
Kahramanmaraş Sütçü İmam Üniversitesi Tarım Ve Doğa Dergisi, Journal Indexed in ESCI, September 2023
Kahramanmaraş Sütçü İmam Üniversitesi Tarım ve Doğa Dergisi, Journal Indexed in ESCI, September 2023
ATMOSPHERE, SCI Journal, September 2023
SOIL AND TILLAGE RESEARCH AN INTERNATIONAL JOURNAL ON RESEARCH AND DEVELOPMENT CONCERNING SOIL, SCI Journal, August 2023
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, SCI Journal, August 2023
TUBITAK Project, 2209-B - Sanayiye Yönelik Lisans Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, August 2023
TUBITAK Project, 2209-B - Sanayiye Yönelik Lisans Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, August 2023
SOIL AND TILLAGE RESEARCH AN INTERNATIONAL JOURNAL ON RESEARCH AND DEVELOPMENT CONCERNING SOIL, SCI Journal, July 2023
PROCEEDINGS (MDPI), SCI Journal, July 2023

[illegible]

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Ataturk University, Turkey, January 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Ataturk University, Turkey, January 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Ataturk University, Turkey, January 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Tübitak, Turkey, January

2023

Çukurova Tarım ve Gıda bilimleri dergisi (Online), Journal Indexed in ESCI, November 2022

COMPOST SCIENCE & UTILIZATION, SCI Journal, October 2022

SOIL AND TILLAGE RESEARCH AN INTERNATIONAL JOURNAL ON RESEARCH AND DEVELOPMENT CONCERNING SOIL, SCI Journal, September 2022

SUSTAINABILITY, SCI Journal, July 2022

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Ataturk University, Turkey, July 2022

SUSTAINABILITY, SCI Journal, June 2022

JOURNAL OF AGRICULTURAL SCIENCES, Journal Indexed in ESCI, April 2022

kahramanmaraş sütçü imam üniversitesi Tarım ve Doğa Dergisi, Other Journals, October 2021

Project Supported by Higher Education Institutions, BAP Research Project, Iğdir University, Turkey, October 2021

SOIL & TILLAGE RESEARCH, SCI Journal, July 2021

BIOMEDICAL AND ENVIRONMENTAL SCIENCES, SCI Journal, July 2021

ARCHIVES OF MICROBIOLOGY, SCI Journal, April 2021

GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, January 2021

Selcuk Journal of Agriculture and Food Sci, Journal Indexed in ESCI, November 2020

Current Journal of Applied Science and Technology, Other Journals, October 2020
Kahraman Maraş Sütçü İmam Üni Dergisi, Journal Indexed in ESCI, October 2020
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, September 2020
Journal of Agriculture and Nature, Other Journals, August 2020
SOIL & TILLAGE RESEARCH, SCI Journal, August 2020
Alinteri, Journal Indexed in ESCI, August 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, August 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, June 2020
Asian Journal of Advances in Agricultural Research, Journal Indexed in ESCI, May 2020
GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, May 2020
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, SCI Journal, February 2020
Turkish Journal of Agriculture, Journal Indexed in ESCI, January 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, January 2020
Journal of Agricultural Sciences. JAS-T20. 2019., SCI Journal, November 2019
Journal of Agricultural Sciences. JAS-T23. 2019, SCI Journal, September 2019
Journal of Agricultural Sciences. JAS-484805. 2019., SCI Journal, August 2019
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, SCI Journal, August 2019
Journal of Agricultural Sciences. JAS-1377226. 2019+., SCI Journal, June 2019
İğdır Üni. Fen Bil. Dergisi. IUFBD-18. 2019, Other Indexed Journal, June 2019
Turkish Journal of Agriculture – TURJAF , Other Indexed Journal, April 2019
Soil Tillage. STILL-18-115. 2018, SCI Journal, March 2018
Journal of Agricultural Sciences. JAS-5ae370d0bfb74. 2018, SCI Journal, February 2018
Alinteri Journal of Agriculture Science . AT-2018. 2018, National Scientific Refreed Journal, January 2018
Atatürk Üni. Ziraat Fak. Derg. AÜZF-58d8d1580fd62. 2017, Other Indexed Journal, May 2017
Journal of Experimental Agriculture International. JEAI 30553. 2017, SCI Journal, April 2017
Çukurova Üniversitesi. ÇÜ-BAP-2017. 2017, National Scientific Refreed Journal, April 2017
Journal of Agriculture and Ecology Research International. 2017/JAERI/36094. 2017., SCI Journal, April 2017
Journal of Experimental Agriculture International. Ms_JEAI_31335. 2017, SCI Journal, March 2017
International Journal of Plant & Soil Science . 2017/IJPSS/36430. 2017., SCI Journal, March 2017
International Journal of Plant & Soil Science. 2017/IJPSS/36461. 2017., SCI Journal, March 2017
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi. Makale No : JAFAG-ID1064. 2017, SCI Journal, February 2017
Türk Tarım ve Ormanlık Dergisi. TTAR-669-4972-2-RV. 2016, SCI Journal, April 2016
American Journal of Experimental Agriculture. AJEA_27138 2016, SCI Journal, April 2016
Mustafa Kemal Üniversitesi. MKÜ-5000159963-5000270146-1-RV. 2016, SCI Journal, March 2016
NOBEL YAYIN EVİ. B. KACAR. KOLAY UYGULANABİLİR BİTKİ ANALİZLERİ. 2014, Scientific / Professional Book Published by Renowned Publishing Houses, March 2014
Türk Tarım ve Ormanlık Dergisi. TTAR-1303-82. 2013, SCI Journal, February 2013
İğdır Üni. Ziraat Fakültesi Dergisi. 323-FBED-124. 2012, SCI Journal, March 2012
Journal of Soil Science and Environmental Management. JSSEM-12-047. 2012, SCI Journal, March 2012
İğdır Üni. Ziraat Fakültesi Dergisi. 323-FBED-136. 2012, SCI Journal, March 2012
Acta Physiologiae Plantarum. ACPP-D-12-00295. 2012, SCI Journal, February 2012
FBED 8FF4C73D. 2011, SCI Journal, September 2011
RECENT PATENTS ON FOOD, NUTRITION & AGRICULTURE. BSP-FNA -2011-01. 2011., SCI Journal, July 2011
International Greener Journals. GJEMPS11-006. 2011, SCI Journal, May 2011
African Journal of Agricultural Research. AJAR-11-722. 2011, SCI Journal, April 2011
Journals of Agriculture and Biological Sciences. JABS-11-097. 2011, SCI Journal, March 2011
African Journal of Agricultural Research. AJAR-11-484. 2011, SCI Journal, March 2011
ULUDAĞ ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ. UUZFD-M-9. 2011, SCI Journal, February 2011

International Greener Journals. GJEMPS11-006. 2011, SCI Journal, February 2011
Geoderma. GEODER6229. 2010, SCI Journal, May 2010
African Journal of Agricultural Research. AJAR-10-041. 2010, SCI Journal, April 2010

Tasks In Event Organizations

Bilen S., Wiatrowska K., Reclamation of lignite post-mining areas. Polish achievements. (2024 Nisan), Scientific Congress, Erzurum, Turkey, Nisan 2024
Bilen S., 3th International Symposium on Biodiversity Research (ISBR-2021), Scientific Congress, Erzurum, Turkey, Ekim 2021

Scientific Research / Working Group Memberships

Fao Glosolan - Global Soil Laboratory Network - Global Soil Partnership, FAO - Food and Agriculture Organization - , Hungary, <https://www.fao.org/global-soil-partnership/glosolan/en/>, 2023 - Continues
Fao Eurosolan- Europe Soil Laboratory Network - Europe Soil Partnership, FAO - Food and Agriculture Organization - , Hungary, <https://www.fao.org/europe/en>, 2022 - Continues
Fao Glosolan - Global Soil Laboratory Network 5Th Meeting, Roma - FAO - Food and Agriculture Organization , Italy, <https://www.fao.org/global-soil-partnership/glosolan/en/>, 2021 - Continues
Fao Glosolan - Global Soil Laboratory Network 6Th Meeting, Roma - FAO - Food and Agriculture Organization , Italy, <https://www.fao.org/global-soil-partnership/resources/events/detail/en/c/1470321/>, 2021 - Continues
Nasolan Soil Laboratory Network - Ulusal Soil Partnership, FAO - Food and Agriculture Organization - Land and Water Division, İstanbul, Turkey, <https://www.fao.org/global-soil-partnership/resources/highlights/detail/fr/c/1391119/>, 2021 - Continues

Metrics

Publication: 104
Citation (WoS): 636
Citation (Scopus): 779
H-Index (WoS): 12
H-Index (Scopus): 13

Congress and Symposium Activities

Bölüm Semineri, Audience, Erzurum, Turkey, 2024
Küresel Toprak Laboratuvarları Ağı (GLOSOLAN) VII. Toplantısı, Audience, İstanbul, Turkey, 2023
Küresel Toprak Laboratuvarları Ağı (GLOSOLAN) VI. Toplantısı, Attendee, Ankara, Turkey, 2022
Küresel Toprak Laboratuvarları Ağı (GLOSOLAN) V. Toplantısı , Attendee, Ankara, Turkey, 2021
BİLEN SERDAR,Özlü Ekrem,Bilen Murat,ÖZGÜL MÜDAHİR,BARİK KENAN., 2019. Impacts of Cement Dust Emissions on Predicting Soil CO2 Fluxes in Gumushane, Turkey.ASA-SSSA Int. Annual Meetings of the ASA., CSSA, and SSSA. San Antonio, TX, USA. 10-13 November 2019. "Embracing the Digital Environment", Working Group, Texas, United States Of America, 2019
TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2018
BİLEN SERDAR,Dick Warren A., 2018. SOIL PHOSPHATASE ACTIVITY IN DIFFERENT BUFFER PH AND STOCK CULTURE. "International Agricultural, Biological and Life Science Conference" Trakya University, Edirne, Turkey. September 2-5, 2018., Attendee, Edirne, Turkey, 2018
BİLEN SERDAR,Islam Refik,Bilen Murat,ÖZGÜL MÜDAHİR., 2018. EFFECTS OF SOIL TILLAGE ON SOIL PROPERTIES.

"International Agricultural, Biological and Life Science Conference" Trakya University, Edirne, Turkey. September 2-5, 2018., Attendee, Edirne, Turkey, 2018

Int. Agricultural, Biological and Life Science Conference" Trakya University, Edirne, Turkey. September 2-5, 2018., Session Moderator, Edirne, Turkey, 2018

Trabzon Arazi Kullanım Çalıştayı, Moderator, Trabzon, Turkey, 2018

HACİMÜFTÜOĞLU FAZIL, BİLEN SERDAR, CANBOLAT MUSTAFA YILDIRIM., 2018. Evaluation of mechanical behaviors of soil with different soil texture and aggregate size. IV. International Agriculture Congress, Nevşehir Turkey. 05-08 2018, Attendee, Nevşehir, Turkey, 2018

BİLEN SERDAR, CANBOLAT MUSTAFA YILDIRIM, HACİMÜFTÜOĞLU FAZIL., 2018. Effects of No-till (Conservation) Systems and Conventional Tillage Systems on Some Soil Properties. IV. International Agriculture Congress, Nevşehir Turkey. 05-08 2018, Attendee, Nevşehir, Turkey, 2018

BİLEN SERDAR, HACİMÜFTÜOĞLU FAZIL, CANBOLAT MUSTAFA YILDIRIM., 2018. Effects of organic and chemical fertilizer on some soil properties. IV. International Agriculture Congress, Nevşehir Turkey. 05-08 2018, Attendee, Nevşehir, Turkey, 2018

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2018

Serdar Bilen and Veysel Turan., 2017. Effects of Achillea plant Essential Oil and some Rhizobium Bacteria Inoculation on Enzyme Activity of Soil planted bean (*Phaseolus vulgaris*). Int. Annual Meetings of the ASA, CSSA and SSSA. "Managing Global Resources for a Secure Future," on Oct. 22-25, 2017, Tampa, Florida., Attendee, Florida, United States Of America, 2017

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2017

Mikrobiyal Gübre Çalıştayı, Invited Speaker, Kastamonu, Turkey, 2017

Serdar Bilen, Warren A. Dick., 2017. Alkaline Phosphatase Activity in Soil Affected by Additions of Zinc. "1. International Organic Agriculture and Biodiversity Symposium 27-29 September 2017 Bayburt", Attendee, Bayburt, Turkey, 2017

Serdar Bilen, Refik Islam, Leyla Okyay Kaya., 2017. Aşkale Cement Dust Emission Effects on Soil Biological, Chemical and Soil Quality. "1. International Organic Agriculture and Biodiversity Symposium 27-29 September 2017 Bayburt", Attendee, Bayburt, Turkey, 2017

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2017

Serdar Bilen, Murat Bilen, Kenan Barik, Mustafa Yıldırım Canbolat. 2016. Effects of Laundry Detergent Residues on Some Biochemical Properties of the Farming Soil and Seeds Germination Rates. Resilience Emerging from Scarcity and Abundance. Int. Annual Meetings of the ASA, CSSA and SSSA. 6-9 November 2016. Phoenix Convention Center, Phoenix, AZ, USA., Attendee, Arizona, United States Of America, 2016

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2016

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2016

Can Turgay, O., Bilen, S., Görmez, A., Çelik, G. Y., 2006. Advanced Techniques in Soil Microbiology; Structural and Functional Characterization of Soil Microbial Diversity by "CLLP Analysis " and "PLFA Profiling". 18 th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology". Proceedings Volume I. May 22-26, p: 7-14, Sanliurfa, Turkey., Attendee, Turkey, 2016

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2015

Serdar Bilen, Murat Bilen, Orhan Yılmaz. 2015. Effects of dust detergent residues on biological properties of the farming soils. The Proceedings of the International Congress on "Soil Science in International Year of Soils". 19-23 October, 2015. Sochi, RUSSIA., Attendee, Sochi, Russia, 2015

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2015

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2014

Serdar Bilen, 2014. Effects of Plant Essential Oils on Soil Microbial Community and Soil Respiration. 2014 ASA, CSSA, & SSSA Int. Annual Meetings, Nov. 2-5, Long Beach, CA., Attendee, California, United States Of America, 2014

Veysel Turan, Serdar Bilen, 2014. Influence of Essential Oils on the Productivity of Bean (*Phaseolus vulgaris*) and Soil Microbial Community and Effectiveness of Rhizobium leguminosarum Inoculation. 2014 ASA, CSSA, & SSSA Int. Annual Meetings, November 2-5, 2014, Long Beach, California., Attendee, California, United States Of America, 2014

Veysel Turan, Serdar Bilen, 2014. Influence of plant exudates, essential oils and or some different bacteria solution on the productivity of *P. vulgaris* and soil microbial community. 9th Int. Soil Science Congress on "The Soul of Soil and Civilization, October 14-16, Side, Antalya / Turkey., Attendee, Antalya, Turkey, 2014

Serdar Bilen, 2014. Mikrobiyal Gübrelemede Toprak Özellikleri ve Çevre Şartları. Gıda Tarım ve Hayvancılık Bakanlığı, Mikrobiyal Gübre Çalıştayı. 23-24 Ekim 2014, Ilgaz Dağı Biyolojik Çeşitlilik ve Doğal Kaynaklar Araştırma ve Eğitim Merkezi, Kastamonu, Türkiye., Attendee, Kastamonu, Turkey, 2014

TOVAG Bilimsel Araştırma Projeleri Panelist, Panelists, Ankara, Turkey, 2014

Serdar Bilen, Raj Shrestha, Pierre Andree Jacinthe, Warren Albert Dick, Rattan Lal, 2013.'Environmental Impacts of No-Till and Cultivation Practices on Greenhouse Gas Emissions.' 1st Central Asia Congress on Modern Agricultural Techniques and Plant Nutrition. Kyrgyz-Turkish Manas University (KTMU), Cengiz Aytmatov Campus, 01- 03 October 2013, Bishkek, Kyrgyzstan., Attendee, Bishkek, Kyrgyzstan, 2013

Pierre-Andre Jacinthe, Warren Dick, Raj Shrestha, Rattan Lal, Serdar Bilen, Toru Nakajima, 2012. The Carbon Balance of No-till Agroecosystems. A Chronosequence Analysis. Vision for a Sustainable Planet. ASA, CSSA, & SSSA International Annual Meetings, October 21-24, Cincinnati, Ohio., Attendee, Ohio, United States Of America, 2012

Liming Chen, Brittany Campbell, Serdar Bilen, Toru Nakajima, Raj Shrestha, Joshua Kendall, Manli Wu, Yongqiang Tian, Pierre A. Jacinthe, Rattan Lal, and Warren Dick. 2012. Tillage and Rotation Impacts on Greenhouse Gas Fluxes in Ohio, USA. The Third International Conference on C Sequestration and Climate Change Mitigation in Agriculture. Session 3, Carbon and Nitrogen Interactions in Soil. July 21-24. Convention Center, Beijing-China., Attendee, Beijing, China, 2012

Bilen, S., Shrestha, R., Jacinthe, P.A., Dick, W. A., Lal, R., 2012. Greenhouse Gas Budgets After 46 years of Continuous Application of Various Tillage Practices. The 8th Int. Soil Science Congress on "Land Degredation and Challenges in Sustainable Soil Management. 15-17 May, Cesme-İzmir-Turkey, Attendee, İzmir, Turkey, 2012

Pierre-Andre Jacinthe, Warren Dick and Rattan Lal, Raj Shrestha, Serdar Bilen, 2011. Greenhouse gases emission and carbon sequestration in agro-ecosystems under long-term no-till: implications for global warming mitigation. AGU Fall Meeting (American Geophysical Union), 5-9 December, San Fransisco, CA., Attendee, California, United States Of America, 2011

Shrestha, R., Jacinthe, P. A., Bilen, S., Jagadamma, S., Dick, W. A., Lal, R., 2010. Nitrogen Dynamics and Greenhouse Gas Emissions in a No-till Chronosequence. ASA, CSSA and SSSA Int.Annual Meetings. Oct 31- Nov 4, Long Beach, CA., Attendee, California, United States Of America, 2010

Bilen, S., Jagadamma, S., Jacinthe, P.A., Shrestha, R., Dick, W. A., 2010. Greenhouse Gas Fluxes in A Tillage Chronosequence. ASA, CSSA and SSSA International Annual Meetings. Oct 31- Nov 4, Long Beach, CA., Attendee, California, United States Of America, 2010

Turgay, O.C., Arzu Ala Görmez, Serdar Bilen. 2010. Isolation and Characterization of Metal Tolerant BRB from Serpentine and Mine Soils in Turkey. International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality Ondokuz Mayıs University, Samsun, Turkey, May 26-28, 2010, Abstract book, 151., Attendee, Samsun, Turkey, 2010

Bilen, S., Jagadamma, S., Dick, W. A., 2009. Greenhouse Gas Budget in a Widespread Tillage Chronosequence. 4th Annual International Scholar Research Exposition. The Ohio State University, Nov 2-Dec 31., Attendee, Ohio, United States Of America, 2009

Serdar Bilen, Leyla Okyay Kaya., 2017. Sulardaki Toprak Kirletici Maddelerin Tarım Toprakları Üzerine Etkileri. "1. International Organic Agriculture and Biodiversity Symposium 27-29 September 2017 Bayburt", Attendee, Bayburt, Turkey, 2007

Can Turgay, O., Erdogan, E.E., Bilen, S. and Karaca, A., 2007. Evaluation of Soil Enzyme Activities and Biochemical Index for Monitoring the Impacts of Humic Substances Induced Biostimulation on Hydrocarbon Degradation in a Crude Oil Contaminated Soil The 3rd Int. Conference. Enzymes in the Environment 15-19 July, Viterbo/ITALY, Proceed. P:95. No.902, Attendee, Italy, 2007

Bilen, S., Can Turgay, O., 2006. The Effects of Cement Dust Pollution on The Microbial Prooerties of Agricultural Lans. 18 th International Soil Meeting (ISM) on "Soil Sustaining Life on Earth, Managing Soil and Technology". Procedings Volume I. May 22-26, p: 824-830, Sanliurfa, Turkey., Attendee, Şanlıurfa, Turkey, 2006

Bilen, S, Kiziloglu Algan, F. T., 2005. Farklı Yaşlardaki Değişik Rhizobium Kültürleri İle Aşılamanın Ve Çeşitli Dozlardaki Azotlu Mineral Gübrelemenin Mercimek (Lens Culunaris) Bitkisinin Simbiyotik Özellikleri Üzerine Etkileri. GAP IV. Tarım Kongresi, 21-23 Eylül. Ş. Urfa., Attendee, Şanlıurfa, Turkey, 2005

Kilic, E., Turan, M., Bilen, S., Sahin, F., 2004. Farklı Azotlu Gübre Kaynaklarının Kuru Fasulye (Phaseolus vulgaris) Bitkisinin Verim ve Verim Unsurları Üzerine Etkileri. 3. Ulusal Gübre Kongresi, Tarım Sanayi Çevre. 11-13 Ekim, Biyogübreler, s: 953-958., Attendee, Tokat, Turkey, 2004

- Kiziloglu Algan, F. T, Bilen, S, 2004. Toprakdan ve Yapraktan Uygulanan Azotlu Gübrelemenin ve Azotobacter sp. İzolati İle Aşılamanın Buğday Bitkisinin Kuru Madde Miktarı ve Toplam Azot İçeriği Üzerine Etkisi. 3. Ulusal Gübre Kongresi, Tarım Sanayi Çevre. 11-13 Ekim, Biyogübreler, s: 945-952. Tokat, Attendee, Çorum, Turkey, 2004
- Kilic, E., Bilen, S., Turan, M., Sahin, F, 2004. Effects Of Organic And Chemical Fertilizers on Yield And Yield Parameters of Bean (*Phaseolus Vulgaris*) International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development" June 7-10, H.5, s: 32-38, Erzurum-Turkey, Attendee, Turkey, 2004
- Dumlupinar, R., Bilen, S., Erdal, S, 2004. Effects Of Some Plant Growth Regulators on Macro Element Contents (Ca, Mg And K) of Bean Plant (*Phaseolus Vulgaris* L. Cv Terzibaba 1998) At Chilling Temperatures. International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development" June 7-10, M.6., s:33-42, Erzurum-Turkey., Attendee, Turkey, 2004
- Kiziloglu, F. T., Bilen, S, 2004. Effects of Inoculation With Single And Mixed Culture Isolates on Dry Matter, Nitrogen, Nodule Number And Nodule Nitrogen Contents of Beans (*Phaseolus Vulgaris*). International Soil Congress (ISC) on "Natural Resource Management for Sustainable Development" June 7-10, H.1, s: 1-9, Erzurum-Turkey, Attendee, Erzurum, Turkey, 2004
- Bilen, S., Ataoğlu, N., Kızıloğlu, F. T., 2002. Effects of Inoculation with Rhizobium Isolates and Different Doses of Magnesium Fertilizer on Dry Matter, NO₃-N and Total Nitrogen Contents of Beans (*Phaseolus Vulgaris*). International Conference on Sustainable Land Use and Management. 10-13 June 2002. Çanakkale-Turkey/, Attendee, Çanakkale, Turkey, 2002
- Karadoğan, T., Bilen, S., Çarkçı, K., 1999. Değişik Azot Kaynaklarının Farklı Zamanlarda Uygulanmasının Patates Yumrusunun Besin Elementi İçeriğine Etkisi. Atatürk Üniversitesi, Ziraat Fakültesi, II. Ulusal Patates Kongresi, 28-30 Haziran. s: 390-401, Erzurum, Attendee, Erzurum, Turkey, 1999
- Karadoğan, T., Bilen, S., 1999. Azot ve Fosforun Uygulama Şekli ve Miktarının Patates Yumrusunun Besin Elementi İçeriği ile Birim Alandan Kaldırılan Besin Maddesi Miktarına Etkisi. Atatürk Üniversitesi, Ziraat Fakültesi, II. Ulusal Patates Kongresi, 28-30 Haziran. s: 384-389, Erzurum, Attendee, Erzurum, Turkey, 1999
- Kızıloğlu, F.T., Ataoğlu, N., Bilen, S. 1998. Azotlu Gübrelemenin ve mikrobiyal gübrelemenin bazı toprak özellikleri ile inorganik azot miktarına etkisi 5. Ulusal Nükleer Tarım ve Hayvancılık Kongresi 20-22 Ekim Selçuk Üniv. Konya, s:17-23., Attendee, Konya, Turkey, 1998
- Kızıloğlu, F.T., Bilen, S. Ataoğlu, N., 1998.Effect of microbial inoculation and chemical fertilizer on protein, carbohydrate and shoot/root dry matter ratio of corn (*Zea mays* L.) plant. M. Şefik Yeşilsoy International Symposium On Arid Region Soils. Organized by Soil Science Society of Turkey, General Directorate of Rural Services, Çukurova University and held under the aegis of the International Society of Soil Science. 21-24 September, Menemen, İzmir, Turkey, p:236-243., Attendee, İzmir, Turkey, 1998
- Kızıloğlu, F.T., Bilen, S., Ataoğlu, N., 1998. Çeşitli Mısır bitkilerinin kök, gövde ve yaprak kuru madde miktarları ve NO₃ azotu içeriği üzerine Azotobacter chroococcum kültürleri ile aşılamanın ve azotlu kimyasal gübrelemenin etkisi. Doğu Anadolu Tarım Kongresi 14-18 Eylül Bildiri Kitabı, Erzurum,s:1326-1337., Attendee, Erzurum, Turkey, 1998
- Bilen, S., Sezen, Y., 1995. Topraklara Uygulanan Farklı Konsantrasyonlardaki Değişik Tuzların Birbirleri Üzerine Tamamlayıcı İyon Etkileri. İlhan Akalan Toprak ve Çevre Sempozyumu, TÜBİTAK, Cilt 1, s: A-36.Yayın No: 7, Ankara., Attendee, Ankara, Turkey, 1995

Research Areas

Agricultural Sciences, Agriculture, Soil and Plant Feed, Soil Biology, Soil Fertility, Acidity, Alkalinity

Representation and Promotion Activities

Institutional Representation, Atatürk Üni. Spor Kültür Daire Başkanlığı, Turkey, Erzurum, 2024 - 2024

Institutional Representation, Tarım Bakanlığı, Turkey, Erzurum, 2014 - 2021

Non Academic Experience

University, THE OHIO STATE UNI., SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES, SOIL SCIENCE
Ohio State University, USA