

Prof. OSMAN SÖNMEZ



Personal Information

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International Researcher IDs

ORCID: 0000-0002-9134-6466

Publons / Web Of Science ResearcherID: R-2114-2019

ScopusID: 6506589919

Yoksis Researcher ID: 44815

Education Information

Doctorate, Kansas State University, Agronomy, Soil Science, United States Of America
1999 - 2004

Postgraduate, Kansas State University, Agronomy, Soil Science, United States Of America
1997 - 1998

Undergraduate, Cumhuriyet Üniversitesi, Tokat Ziraat Fakültesi, Toprak, Turkey 1990 -
1994

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, İLK YARDIMCI EĞİTİMİ, Kayseri İl Sağlık Müdürlüğü, 2023

Quality Management, Ziraat Fakülteleri Akreditasyon, ZİDEK (Ziraat Fakülteleri Eğitim Programları Derneği), 2020

Personal Evolution, Bilirkişilik Temel Eğitimi, Erciyes Üniversitesi, 2018

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, Erciyes Üniversitesi, 2016

Occupational Health and Safety, İŞYERİ HEKİMLİĞİ VE İŞ GÜVENLİĞİ UZMANLIĞI EĞİTİCİ BELGESİ, ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI İŞ SAĞLIĞI VE GÜVENLİĞİ GENEL MÜDÜRLÜĞÜ, 2014

Foreign Language, YABANCI DİL SERTİFİKASI, ORTADOĞU TEKNİK ÜNİVERSİTESİ, 1996

Personal Evolution, TAEKWONDO HAKEMLİĞİ, TAEKWONDO FEDERASYONU, 1994

Dissertations

Doctorate, 1. A FIELD-BASED ASSESMENT TOOL FOR PHOSPHORUS LOSSES IN RUNOFF KANSAS. 2. EFFECTS OF PHOSPHORUS AND MANGANESE OXIDES ON SOIL LEAD BIOAVAILABILITY. 3. ASSESMENT OF BIOAVAILABILITY OF

ZINC BY DIFFUSIVE GRADIENT IN THIN FILMS (DGT), Kansas State University, Agronomy, Soil Science, 2004
Postgraduate, The Influence of Phosphorus Fertilizer and Crop Residue Removal on Soil Phosphorus Fractions, Kansas State University, Agronomy, Soil Science, 1998

Research Areas

Agricultural Sciences, Agriculture, Soil and Plant Feed, Soil Chemistry (inorganic,organic), Soil and Water Storage and Management, Soil Improvement (Physical, Chemical Or Biological), Nutritive Principles, Complete Fertilizers, Methods of Application, Grounded Feeding Applications

Academic Titles / Tasks

Professor, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2016 - Continues
Associate Professor, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2014 - 2016
Associate Professor, Harran University, Faculty Of Agriculture, Toprak Bilimi Ve Bitki Besleme, 2011 - 2014
Assistant Professor, Harran University, Faculty Of Agriculture, Toprak Bilimi Ve Bitki Besleme, 2005 - 2011
Research Assistant PhD, Harran University, Faculty Of Agriculture, Toprak Bilimi Ve Bitki Besleme, 2004 - 2005
Research Assistant, Kansas State University, Agronomy, Soil Science, 2002 - 2003

Academic and Administrative Experience

Erciyes University, 2020 - Continues
Head of Department, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2016 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2016 - Continues
Head of Department, Erciyes University, Toprak Bilimi Ve Bitki Besleme, 2016 - Continues
Fakülte Kurulu Üyesi, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2016 - Continues
Erciyes University, 2016 - Continues
Scientific Award Committee Member, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2023 - 2023
Member of the Senate, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2020 - 2023
University Executive Board Member, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2020 - 2023
Döner Sermaye Alt Değerlendirme Komisyonu, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2020 - 2023
Dean, Erciyes University, Ziraat Fakültesi, ..., 2020 - 2023
Fakülte Yönetim Kurulu Üyesi, Erciyes University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2016 - 2023
Erciyes Üniversitesi, Ziraat Fakültesi, 2016 - 2018
Erciyes University, 2016 - 2018
Erciyes University, 2015 - 2017
Erciyes Üniversitesi, Ziraat Fakültesi, Toprak Bilimi Ve Bitki Besleme, 2015 - 2016
Harran Üniversitesi, Ziraat Fakültesi, 2013 - 2014
Harran University, 2013 - 2014
Harran Üniversitesi, Ziraat Fakültesi, Toprak Bilimi Ve Bitki Besleme, 2009 - 2014
Harran University, 2009 - 2014

Courses

İleri Toprak Kimyası, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Uzmanlık Alanı Dersi 4, Doctorate, 2022 - 2023
Toprakta Ağır Metal Kirliliği, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
İşletme Gübre ve Atıklarının Değerlendirilmesi, Doctorate, 2023 - 2024, 2019 - 2020
İş Sağlığı ve Güvenliği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Tez Danışmanlığı, Postgraduate, 2022 - 2023
MESLEKİ UYGULAMA, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
MESLEKİ YABANCI DİL II, Undergraduate, 2022 - 2023, 2021 - 2022
Tez Çalışması 4, Doctorate, 2022 - 2023
Toprak Kimyası, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019, 2017 - 2018
UZMANLIK ALAN , Postgraduate, 2022 - 2023, 2021 - 2022
Toprak-Çevre Kirliliği, Undergraduate, 2023 - 2024
Toprak Islahı, Undergraduate, 2023 - 2024
TEZ ÇALIŞMASI II, Postgraduate, 2022 - 2023, 2021 - 2022
Toprak Kirliliği, Doctorate, 2022 - 2023, 2019 - 2020, 2018 - 2019
Thesis Studies 5, Doctorate, 2022 - 2023
İLERİ TOPRAK KİMYASI, Postgraduate, 2022 - 2023
Bitirme Tezi, Undergraduate, 2023 - 2024
Thesis Studies 2, Doctorate, 2022 - 2023
Special Field Course 5, Doctorate, 2022 - 2023
Thesis Research 2, Postgraduate, 2022 - 2023
Tez Danışmanlığı 2, Postgraduate, 2022 - 2023
Special Field Course II, Postgraduate, 2022 - 2023
Special Field Course III, Doctorate, 2022 - 2023
MESLEKİ YABANCI DİL I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
İş Sağlığı ve Güvenliği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Danışmanlık, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
İş Sağlığı ve Güvenliği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
SPECIAL FIELD COURSE I, Postgraduate, 2021 - 2022
Uzmanlık Alanı, Doctorate, 2021 - 2022, 2020 - 2021
THESIS RESEARCH I, Doctorate, 2021 - 2022
Uzmanlık Alanı, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
UZMANLIK ALAN 3, Doctorate, 2021 - 2022
İş Sağlığı ve Güvenliği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
TEZ ÇALIŞMASI, Postgraduate, 2021 - 2022
İş Sağlığı ve Güvenliği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
İş Sağlığı ve Güvenliği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
TEZ ÇALIŞMASI 3, Doctorate, 2021 - 2022
THESIS CONSULTANCY, Doctorate, 2021 - 2022
İş Sağlığı ve Güvenliği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Danışmanlık, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Seminer, Doctorate, 2019 - 2020, 2018 - 2019
Mesleki Uygulama, Undergraduate, 2019 - 2020
ÇEVRE KİRLİLENMESİ VE TARIM İLİŞKİLERİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Toprak Bilgisi, Undergraduate, 2016 - 2017, 2014 - 2015
Mesleki Uygulama, Undergraduate, 2016 - 2017, 2015 - 2016
Toprak Bilgisi, Undergraduate, 2015 - 2016, 2014 - 2015
Toprak Bilgisi, Undergraduate, 2015 - 2016, 2014 - 2015
Akedemik Yazım, Postgraduate, 2016 - 2017, 2015 - 2016
Toprak Bilgisi, Undergraduate, 2015 - 2016, 2014 - 2015
Mesleki Uygulama, Undergraduate, 2015 - 2016
Tarımsal Kıymet Takdiri, Undergraduate, 2014 - 2015
Mesleki Uygulama, Associate Degree, 2015 - 2016
Mesleki Uygulama, Undergraduate, 2015 - 2016, 2014 - 2015
Fiziko Kimya, Undergraduate, 2013 - 2014
İşletme Atıklarının Geğerlendirilmesi, Postgraduate, 2013 - 2014
Uzmanlık, Postgraduate, 2013 - 2014
Danışmanlık, Postgraduate, 2013 - 2014
Mesleki Uygulama, Undergraduate, 2013 - 2014
Bitirme Ödevi, Undergraduate, 2013 - 2014
Toprak Analizleri, Undergraduate, 2013 - 2014
Toprak Bilimi, Undergraduate, 2013 - 2014
Seminer, Postgraduate, 2013 - 2014
ÇEVRE KİRLENMESİ VE TARIM İLİŞKİLERİ, Postgraduate, 2013 - 2014, 2012 - 2013
TOPRAK KİRLİLİĞİ, Undergraduate, 2013 - 2014
TOPRAK KİMYASI, Undergraduate, 2013 - 2014

Advising Theses

Sönmez O., Ders aşamasında, Doctorate, D.ALİ(Student), Continues
Sönmez O., Ders aşamasında, Doctorate, L.BEDEL(Student), Continues
SÖNMEZ O., Farklı Fosfor Dozlarının Kabak Bitkisinin Verimi Üzerine Etkisi, Postgraduate, Z.SERDAR(Student), Continues
SÖNMEZ O., Harran Ovasındaki yaygın bazı toprak serilerinin toplam, organik, inorganik ve yarıyışlı Fosfor içeriklerinin belirlenmesi, Postgraduate, E.DÜNDAR(Student), Continues
SÖNMEZ O., ÇAY VE FINDIK KABUĞU ATIKLARININ AĞIR METALLERCE KİRLENMİŞ TOPRAKLAR ÜZERİNDE YETİŞEN SORGUM SUDAN ÇİMİNİN AĞIR METAL ALIMI ÜZERİNE ETKİSİ, Postgraduate, S.KILIÇ(Student), Continues
Sönmez O., Soil Organic Matter, Cation Exchange Capacity, Tomato Productivity and Agroecosystems Sustainability as Influenced by N0-Tillage Combined with Organic Amendments, Postgraduate, S.OURO(Student), 2023
Sönmez O., ECONOMIC STUDY TO MEASURE THE EFFICIENCY OF IRRIGATION SYSTEMS (WHEAT CROP IN ANBAR GOVERNORATE AS A MODEL), Doctorate, Z.Abbas(Student), 2023
Sönmez O., Performance of Sand-Coconut Biochar-Zeolite Mixtures for Nitrogen and Phosphorus Removal from Wastewater, Postgraduate, A.Mohamed(Student), 2023
Sönmez O., Determination of the role of some industrial activities in Kayseri city on polluting the soil, Postgraduate, R.Jasim(Student), 2022
Sönmez O., KİRLENMİŞ TOPRAKLARDA AĞIR METAL HAREKETLİLİĞİ ÜZERİNE ÇEŞİTLİ TOPRAK DÜZENLEYİCİLERİNİN ETKİLERİNİN BELİRLENMESİ, Postgraduate, N.ŞENKAYA(Student), 2022
Sönmez O., Patateste Klasik ve Bilimsel Gübreleme ile Kalsiyum ve Borun Patates verim ve kalite üzerine etkileri, Postgraduate, C.TEZCAN(Student), 2019
Sönmez O., Develi Ovası topraklarının yarıyışlı ve toplam fosfor içeriklerinin belirlenmesi, Postgraduate, Y.ÇETİN(Student), 2019
Aydemir S., Sönmez O., Harran Ovası Topraklarının Bazı Fiziksel Ve Kimyasal Özelliklerinin Belirlenmesi, Postgraduate, F.JABAR(Student), 2019
SÖNMEZ O., Yüksek Çözünürlükte Görülebilir-Yakın Kızılötesi Yansıma Spektrometre Tekniği ve Yapay Sınır Ağları Metodu İle Toprağın Bazı Parametrelerinin İlişkilendirilmesi, Postgraduate, G.ŞENER(Student), 2017

SÖNMEZ O., Yarayırsız Halde Bulunan Toplam Fosforun Farklı Toprak Düzenleyiciler Kullanarak Bitkilere Yarayırlılıđının Artırılması, Postgraduate, V.TURAN(Student), 2011
SÖNMEZ O., Mikoriza ve Farklı Demir Dozları Uygulamasının Çinko Toksisitesi Üzerine Etkileri, Postgraduate, S.İNAL(Student), 2009

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Erciyes Üniversitesi, November, 2024
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Harran Üniversitesi, October, 2024
Post Graduate, Post Graduate, Erciyes Üniversitesi, July, 2024
Doctoral Examination, Doctoral Examination, Panjab Üniversitesi, July, 2024
Doctorate, Doctorate, Harran Üniversitesi, June, 2024
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, June, 2024
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2024
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, May, 2024
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2024
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2024
Doctorate, Doctorate, GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD , April, 2024
Academic Staff Examination, Academic Staff Examination, Erciyes Üniversitesi, January, 2024
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, January, 2024
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, January, 2024
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, December, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, December, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, December, 2023
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, December, 2023
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Erciyes Üniversitesi, November, 2023
Associate Professor Exam, Associate Professor Exam, Bingöl Üniversitesi, November, 2023
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Erciyes Üniversitesi, October, 2023
Post Graduate, Post Graduate, Erciyes Üniversitesi, August, 2023
Doctorate, Doctorate, Erciyes Üniversitesi, July, 2023
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2023
Doctorate, Doctorate, Erciyes Üniversitesi, May, 2023
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Erciyes Üniversitesi, February, 2023
Post Graduate, Post Graduate, Erciyes Üniversitesi, February, 2023
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, January, 2023
Post Graduate, Post Graduate, Erciyes Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, July, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, July, 2022
Post Graduate, Post Graduate, Harran Üniversitesi, July, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, June, 2022
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2022
Associate Professor Exam, Associate Professor Exam, COMSAT University, Islamabad, Pakistan, April, 2022
Associate Professor Exam, Associate Professor Exam, Bingöl Üniversitesi, March, 2022

Post Graduate, Post Graduate, Harran Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, January, 2022
Post Graduate, Post Graduate, Erciyes Üniversitesi, January, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, October, 2021
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Ege Üniversitesi, September, 2021
Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, September, 2021
Post Graduate, Post Graduate, Harran Üniversitesi, August, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, July, 2021
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, May, 2021
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Comsat University Pakistan, April, 2021
Associate Professor Exam, Associate Professor Exam, Bingöl Üniversitesi, April, 2021
Associate Professor Exam, Associate Professor Exam, Haripu University Pakistan, April, 2021
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, January, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, January, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, January, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, January, 2021
Doctoral Examination, Doctoral Examination, Harran Üniversitesi, December, 2020
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2020
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2020
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2020
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2020
Associate Professor Exam, Associate Professor Exam, Selçuk Üniversitesi, September, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, September, 2020
Doctorate, Doctorate, Ankara Üniversitesi, May, 2020
Post Graduate, Post Graduate, Harran Üniversitesi, May, 2020
Doctorate, Doctorate, Ankara Üniversitesi, March, 2020
Associate Professor Exam, Associate Professor Exam, Doğu Akdeniz Tarımsal Araştırma, March, 2020
Associate Professor Exam, Associate Professor Exam, Selçuk Üniversitesi, March, 2020
Associate Professor Exam, Associate Professor Exam, Osmaniye Korkut Ata Üniversitesi, August, 2019
Post Graduate, Post Graduate, Erciyes Üniversitesi, August, 2019
Post Graduate, Post Graduate, Erciyes Üniversitesi, August, 2019
Associate Professor Exam, Associate Professor Exam, Iğdır Üniversitesi, August, 2019
Doctorate, Doctorate, Erciyes Üniversitesi, June, 2019
Post Graduate, Post Graduate, Harran Üniversitesi, June, 2019
Post Graduate, Post Graduate, Harran Üniversitesi, June, 2019
Post Graduate, Post Graduate, Erciyes Üniversitesi, June, 2019
Doctorate, Doctorate, Erciyes Üniversitesi, June, 2019
Associate Professor Exam, Associate Professor Exam, Ege Üniversitesi, August, 2018
Associate Professor Exam, Associate Professor Exam, Adıyaman Üniversitesi, June, 2018
Associate Professor Exam, Associate Professor Exam, Ege Üniversitesi, May, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, April, 2018
Doctorate, Doctorate, Erciyes University, February, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, January, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, January, 2018
Doctorate, Doctorate, Harran Üniversitesi, April, 2017
Doctorate, Doctorate, Harran Üniversitesi, November, 2016
Post Graduate, Post Graduate, Harran Üniversitesi, November, 2016
Post Graduate, Post Graduate, Harran Üniversitesi, March, 2016

Post Graduate, Post Graduate, Harran Üniversitesi, March, 2016

Post Graduate, Post Graduate, Harran Üniversitesi, March, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, April, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, October, 2011

Post Graduate, Post Graduate, Harran Üniversitesi, May, 2008

Post Graduate, Post Graduate, Harran Üniversitesi, February, 2007

Research Infrastructure Information

Sönmez O., Toprak Kirliliği ve Kimyası Laboratuvarı, January 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of PGPR Applications on Bioactive Content and Fruit Characteristics of Different Apple Scion-Rootstock Combinations**
YAMAN M., YILDIZ E., SÜMBÜL A., ERCİŞLİ S., SÖNMEZ O., GÜNEŞ A., SAY A., KEÇE Y. M., ÜNSAL H. T.
Erwerbs-Obstbau, vol.65, no.5, pp.1267-1273, 2023 (SCI-Expanded)
- II. **The Effect of Biofertilizer Applications on Bioactive Content And Fruit Characteristics of Different Apple Scion-Rootstock Combinations**
Yaman M., Yıldız E., Say A., Güneş A., Sönmez O., Keçe Y. M., Ünsal H. T.
DER ERWERBSOBSTBAU, pp.1-15, 2023 (SCI-Expanded)
- III. **Economic study to measure the efficiency of irrigation systems (wheat crop in anbar governorate as a model.**
Jassam Z. A., Sönmez O., Eskander H. A., Gökcalp Z.
ANNALS OF FOREST RESEARCH, vol.66, no.1, pp.1-15, 2023 (SCI-Expanded)
- IV. **Effects of Rhizobacteria Application on Leaf and Fruit Nutrient Content of Different Apple Scion-Rootstock Combinations**
YILDIZ E., YAMAN M., ERCİŞLİ S., SÜMBÜL A., SÖNMEZ O., GÜNEŞ A., Bozhuyuk M. R., Kvikly D.
HORTICULTURAE, vol.8, no.6, 2022 (SCI-Expanded)
- V. **Influence of semi-arid environment on radiation use efficiency and other growth attributes of lentil crop**
ur Rahman M. H., Ahmad I., Wang D., Fahad S., Afzal M., Ghaffar A., Saddique Q., Khan M. A., Saud S., Hassan S., et al.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.11, pp.13697-13711, 2021 (SCI-Expanded)
- VI. **Managing Tillage Operation and Manure to Restore Soil Carbon Stocks in Wheat-Maize Cropping System**
Khan A., Fahad S., Khan A., Saud S., Adnan M., Wahid F., Noor M., Nasim W., Hammad H. M., Bakhat H. F., et al.
AGRONOMY JOURNAL, vol.111, no.5, pp.2600-2609, 2019 (SCI-Expanded)
- VII. **The Combined Effects of Nitric Oxide and Thiourea on Plant Growth and Mineral Nutrition of Salt-Stressed Plants of Two Maize Cultivars with Differential Salt Tolerance.**
Kaya C., Ashraf M., Sönmez O., Polat T., Tuna A. L.
Journal Of Plant Nutrition, vol.40, pp.1-8, 2019 (SCI-Expanded)
- VIII. **Exogenous Application of Humic Acid Mitigates Salinity Stress in Maize (Zea mays L.) Plants by Improving some Key Physico-biochemical Attributes.**
KAYA C., AKRAM N., ASHRAF M., SÖNMEZ O.
Cereal Research Communications, vol.46, pp.67-78, 2018 (SCI-Expanded)
- IX. **Changes in Soil Phosphorus Fractions Resulting from Crop Residue Removal and Phosphorus Fertilizer**
Sönmez O., Pierzynski G. M.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.48, pp.929-935, 2017 (SCI-Expanded)

- X. **THE EVALUATION OF DIFFUSIVE GRADIENTS IN THIN FILMS (DGT) AND CaCl₂ EXTRACTION ON PHOSPHORUS-ZINC INTERACTION IN SUDAN GRASS**
 Sönmez O., Pierzynski G. M., Kaya C., Aydemir S.
 PAKISTAN JOURNAL OF BOTANY, vol.48, pp.393-397, 2016 (SCI-Expanded)
- XI. **The effects of sulfur, cattle, and poultry manure addition on soil phosphorus**
 Sönmez O., Turan V., Kaya C.
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.4, pp.536-541, 2016 (SCI-Expanded)
- XII. **The effects of phosphorus addition on phytoavailability of zinc by diffusive gradients in thin films (DGT)**
 Sönmez O., Pierzynski G., Kaya C., Aydemir S.
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, pp.379-385, 2016 (SCI-Expanded)
- XIII. **Promotive effect of exogenously applied thiourea on key physiological parameters and oxidative defense mechanism in salt-stressed *Zea mays* L. plants**
 Kaya C., Ashraf M., SÖNMEZ O.
 TURKISH JOURNAL OF BOTANY, vol.39, no.5, pp.786-795, 2015 (SCI-Expanded)
- XIV. **Exogenous application of thiamin promotes growth and antioxidative defense system at initial phases of development in salt-stressed plants of two maize cultivars differing in salinity tolerance**
 Kaya C., Ashraf M., SÖNMEZ O., Tuna A. L., Polat T., Aydemir S.
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TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, Editor, 2013 - 2018
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Memberships / Tasks in Scientific Organizations

EĞİTİM BİR SENDİKASI, Member, 2015 - Continues
TÜRKİYE TOPRAK İLMİ DERNEĞİ, Member, 2005 - Continues
SOIL SCIENCE SOCIETY OF AMERİKA, Member, 1998 - 2007

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Mezuniyet Değerlendirme Komisyonu, ERCİYES ÜNİVERSİTESİ, Turkey, 2016 - Continues
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Citation (WoS): 908

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International Congress on Agriculture and Animal Sciences. November 7-9, 2018, Alanya/ TURKEY, Attendee, Antalya, Turkey, 2018

International Congress on Agriculture and Animal Sciences., Session Moderator, Antalya, Turkey, 2018

EURASIAN Natural Nutrition and Healty Life Congress. July 12-15, 2018, Ankara/ TURKEY, Working Group, Ankara, Turkey, 2018

1st International Conference on Climate Change Impacts on Agriculture and Food Supply. April 24-26, 2018, Swabi University, Khyber Pakhtunkhwa/ PAKİSTAN., Attendee, Swabi, Pakistan, 2018

Climate Change Impacts on Agriculture and Food Supply, Session Moderator, Islamabad, Pakistan, 2018

Climate Change Impacts on Agriculture and Food Supply, Invited Speaker, Swabi, Pakistan, 2018

1st International GAP Agriculture and Livestock Congress. April 25-27, 2018, Şanlıurfa/ TURKEY., Attendee, Şanlıurfa, Turkey, 2018

GUNES, A., SONMEZ, O., BEYZİ, E., UZUN, O., TURAN, M. 2017. Silajlık Mısır Bitkisinin Protein Oranı Üzerine Farklı Hüyük Asit Dozlarının Etkisi. 3rd ASM International Conference on Agriculture and Environment, Attendee, Antalya, Turkey, 2017

Identification of Site Vulnerability for Phosphorus. III. International Conference on Environmental Science and Technology (ICOEST)'. Budapest, Macaristan, Attendee, Budapest, Hungary, 2017

8. SONMEZ, O., KAYA, C., GUNES, A., ŞAHAN, S. 2017. Total and Bioavailable Phosphorus in Harran Plain. International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF)'. Attendee, Turkey, 2017

ŞAHAN, S., SONMEZ, O., ŞAHİN, U., BAŞARAN, M., UZUN, O. 2017. Ion Chromatographic Determination of Nitrate Pollutant in Drinking Water Samples. Ecology 2017 International Symposium', Attendee, --Seçiniz--, Turkey, 2017

Determination of The Effects of Humic Acid Applications on Heavy Metal Contents of Soil. Ecology 2017 International Symposium', Attendee, Kayseri, Turkey, 2017

SONMEZ, O., ŞENER GÜZEL, G., TURAN, V., GUNES, A., ŞAHAN, S., BASARAN, M. 2017. Determination of Some Soil Parameters by Geostatistical Techniques in Harran Plain. Ecology 2017 International Symposium', Attendee, Turkey, 2017

SONMEZ, O., KAYA, C., ŞAHAN, S., GUNES, A. 2017. Some Soil Physical and Chemical Properties in Harran Plain. International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF)'. Attendee, Turkey, 2017

TURAN, V., SONMEZ, O. 2017. Urban Transformation and Reduction of The Use of Agricultural land in Urbanization 'Urbanization: a challenge and an opportunity for soil functions and ecosystem services'. 9th International Congress Soils of Urban Industrial Traffic Mining and Military Areas (SUITMA 9), Attendee, Moscow, Russia, 2017

Comparisons of Agricultural Incidents during Urbanization 'Urbanization: a challenge and an opportunity for soil functions and ecosystem services'. 9th International Congress Soils of Urban Industrial Traffic Mining and Military Areas (SUITMA 9). Moscow, RUSYA, Attendee, Moscow, Russia, 2017

II. International Conference on Sustainable Development. October 18-23, 2016, Skopje/ MACEDONIA, Session Moderator, Skopje, Macedonia, 2016

SONMEZ, O. Effects of Soil Chemical and Physical Properties on Total and Available Phosphorus (P) in Soil. Poster. 6th International Chemistry Conference. November 8-10, 2016, Riyadh/ SAUDI ARABIA., Attendee, Ar-Riyâd, Saudi Arabia, 2016

SONMEZ, O. Phosphorus Losses Influenced by Irrigation Efficiency, Tillage, and Phosphorus Rate (Oral presentation). II.

International Conference on Sustainable Development. October 18-23, 2016, Skopje/ MACEDONIA, Attendee, Skopje, Macedonia, 2016

SONMEZ, O. Effects of Tillage and Phosphorus Rates on Wheat Yield and Soil P (Oral presentation). II. International Conference on Sustainable Development. October 18-23, 2016, Skopje/ MACEDONIA, Attendee, Skopje, Macedonia, 2016

KAYA, C., ASHRAF, M., SENBAYRAM, M., and SONMEZ, O. Aminolevulinic acid improves salinity-induced photo- protection mechanisms in two corn differing cultivars in salinity tolerance Deutschen Gesellschaft für Pflanzenernährung (DGP) Tagung 2015. Boden, Nährstoffe, Wasser- Forschung für die nachhaltige und effiziente Nutzung von Ressourcen 17.-18. September 2015, Göttingen/ GERMANY, Attendee, Göttingen, Germany, 2015

AYDEMİR, S., ARI, H., SONMEZ, O., KAYA, C., SAYGAN, E.P., and ALTUN, O. 2014. Biochar effects on saline and none-saline soil properties of the Harran Plain Southeastern Turkey. Oral Presentation. 9th International Soil Science Congress on 'The Soul of Soil and Civilization'. October 14-16, 2014, Side, Antalya/ TURKEY, Attendee, Side-Antalya, Turkey, 2014

TURAN, V., and SONMEZ, O. 2014. Effects of different soil amendments on total phosphorus availability. Oral Presentation. 9th International Soil Science Congress on 'The Soul of Soil and Civilization'. October 14-16, 2014, Side, Antalya/ TURKEY., Attendee, Turkey, 2014

KAYA, C., SONMEZ, O., ASHRAF, M., and TUNA, L. 2014. Regulation of growth and some vital physiological processes in salt stressed maize (*Zea mays* L.) plants by exogenous application of plant growth compounds. Oral Presentation. 9th International Soil Science Congress on 'The Soul of Soil and Civilization'. October 14-16, 2014, Side, Antalya/ TURKEY., Attendee, Turkey, 2014

KAYA, C., SONMEZ, O., AYDEMİR, S. and TUNA, A.L. 2012.. The use of some organic and inorganic substances to reduce phosphorus fixation in calcareous soils. Oral Presentation (Nutrient Management for Soil Sustainability Food Security and Human Health Section). 8th International Soil Science Congress on 'Land Degradation and Challenges in Sustainable Soil Management'. May 15-17, 2012, Çeşme-İzmir/ TURKEY., Attendee, Çeşme-İzmir/ TURKEY., Turkey, 2012

8th International Soil Science Congress on 'Land Degradation and Challenges in Sustainable Soil Management'. May 15-17, 2012, Çeşme-İzmir/ TURKEY., Session Moderator, İzmir, Turkey, 2012

AYDEMİR, S., SAYGAN, E.P., SONMEZ, O., and BİLGİLİ, A.V. 2012. Effect of Biochars on Salinity Stress on Germination and Seedling Properties of Drum Wheat (*T. Drum Desf.*) Oral Presentation (Land Degradation, Remediation, and Reclamation Section). 8th International Soil Science Congress on 'Land Degradation and Challenges in Sustainable Soil Management'. May 15-17, 2012, Çeşme-İzmir/ TURKEY., Attendee, Turkey, 2012

Kerem GÜNGÖR, Nusret KARAKAYA, Fatih EVRENDİLEK, Duran KARAKAŞ, Suat AKGÜL, Oğuz BAŞKAN, Hicrettin CEBEL and Osman SÖNMEZ. 2011 Using Soil Olsen Phosphorus Levels as a Screening Tool for Determination of Potential Critical Source Areas: Yeniçağa Watershed Case Study (Bolu, Turkey). 1st International Conference on Sustainable Watershed Management. 19-23 September 2011 Istanbul-TURKEY, Attendee, Turkey, 2011

Kerem GÜNGÖR, Nusret KARAKAYA, Fatih EVRENDİLEK, Duran KARAKAŞ, Suat AKGÜL, Oğuz BAŞKAN, Hicrettin CEBEL and Osman SÖNMEZ. 2011. Phosphorus Budget and Sediment Phosphorus Release Dynamics of a Shallow Lake: Lake Yeniçağa (Bolu, Turkey). 1st International Conference on Sustainable Watershed Management. 19-23 September 2011 Istanbul-TURKEY, Attendee, Turkey, 2011

BİLGİLİ, A.V, SÖNMEZ, O., AKIŞ, R., AYDEMİR, S. 2008. Geostatistical analysis of a water well field for determination of land management constraints, 19th. International Soil Meeting on Soil Fertility Land Management and Agroclimatology. Turkey, p: 1033-1046. Soil Science Society of Turkey Meetings. Sanlıurfa-TURKEY., Attendee, Turkey, 2008

AYDEMİR, S., M.A. ÇULLU, POLAT, T., O. SONMEZ, M. DİKİLİTAS, AKIL, H. 2008. Tuzlanma Etkisinde kalan Şanlıurfa-Harran Ovası topraklarının kullanım durumları ve iyileştirilebilirlik olanakları.. Sulama-Tuzlanma Konferansı. DSİ XV. Bölge Müdürlüğü, Sayfa, 45-62. 12-13 Haziran, Şanlıurfa., Attendee, Turkey, 2008

SONMEZ, O and S. AYDEMİR. 2006 Assessment of Site Vulnerability to P Losses. An Overview. Proceedings. Vol.II. 577-583. 18th. International Soil Meeting (ISM) on Soil Sustaining Life on Earth, Managing Soil and Technology. Soil Science Society of Turkey Meetings Sanlıurfa-TURKEY., Attendee, Turkey, 2006

SONMEZ, O and S. AYDEMİR. 2006. Environmental Risk of Phosphorus and Management Strategies. An Overview. Proceedings. Vol.II. 528-533. 18th. International Soil Meeting (ISM) on Soil Sustaining Life on Earth, Managing Soil and Technology. Soil Science Society of Turkey Meetings. Sanlıurfa-TURKEY., Attendee, Turkey, 2006

AYDEMİR, S., M.A. ÇULLU, O. SONMEZ, M. DİKİLİTAS. 2005. Şanlıurfa Harran Ovasındaki Tuzlu ve Tuzlu-Sodik Topraklar ve Muhtemel Oluşum Mekanizmaları. II. Ulusal Sulama Sistemleri Sempozyumu ve Sergisi. DSİ Genel Müdürlüğü, Kasım 07-09. Ankara., Attendee, Turkey, 2005

SONMEZ, O. and G.M. PIERZYNSKI. 2003. Assessment of Bioavailability of Zinc by Diffusive Gradients in Thin Films (DGT). Poster Presentation (S-11, Board Number: 1631). Soil Science Society of America Annual Meetings. Denver, CO-USA, Attendee, Turkey, 2003

SONMEZ, O., G.M. PIERZYNSKI, B. DAVIS. 2002. A Field Assessment Tool for Phosphorus Losses in Runoff in Kansas. Poster Presentation (S-11, Board Number:1422). Soil Science Society of America Annual Meetings, Indianapolis, IN-USA, Attendee, Turkey, 2002

SONMEZ, O. and G.M. PIERZYNSKI. 2001. Effects of Phosphorus and Manganese Oxides on Soil Lead Bioavailability. Poster Presentation (S-11, Board Number: 1408). Soil Science Society of America Annual Meetings. Charlotte, NC- USA, Attendee, Turkey, 2001

PIERZYNSKI G.M, HETTIARACHCHI G, OEHME F, SONMEZ O. 2001. In situ stabilization of soil lead using phosphorus and other soil amendments. Abstracts of papers of the American Chemical Society 222: U67-U68 95-AGRO Part 1, AUG 2001., Attendee, Turkey, 2001

HETTIARACHCHI G., PIERZYNSKI G.M, OEHME F, SONMEZ O. 2001. Absorption of lead from a contaminated soil treated with phosphorus and manganese oxides by Sprague-Dawley rats. 6. International Conference on The Biogeochemistry of Trace Elements., Attendee, Turkey, 2001

BROHI, A.R., A.AKTAS, O. SONMEZ, and E. SAVASLI. 1996. Effects of Poultry Manure and Straw on some agronomic parameters, yield and NPK content of wheat crop grown under climatic conditions of Nevsehir region. European Society for New Methods in Agricultural Research: ESNA XXVI. Annual Meeting and International Union of Radioecologists (IUR) Working Group Soil - to - Plant Transfer Annual Meeting. September 12-16., Attendee, Turkey, 1996

Invited Talks

IV. Araştırma ve İnnovasyon Çalıştayı, Workshop, Erciyes Üniversitesi, Turkey, June 2022

Türkiyede Tarım ve Sorunları, Workshop, Anadolu Grup Yeni Dünya İş Adamları Derneği Çalıştayı, Turkey, May 2022

Phosphorus Pollution in Soil and Phosphorus-Index in Climate Change. Swabi, PAKİSTAN, Conference, Karaçi Üniversitesi, Pakistan, April 2018

Scholarships

YURTDIŞI DOKTORA, Ministry of Education, 1999 - 2004

YURTDIŞI YÜKSEK LİSANS, Ministry of Education, 1996 - 1998

DEVLET PARASIZ YATILI LİSE EĞİTİMİ, Ministry of Education, 1984 - 1988

Awards

Sönmez O., 'Developing Climate-Resilient Crops' adlı Uluslararası kitap editörlüğü, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., 'Plant Growth Regulators for Climate-Smart Agriculture' adlı Uluslararası kitap editörlüğü, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., En Yüksek APP. puanı sahip olma, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., 'Climate Change and Plants' adlı Uluslararası kitap editörlüğü, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., Yüksek H indeks Ödülü, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., 'Sustainable Soil and Land Management and Climate Change' adlı Uluslararası kitap editörlüğü, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., Akademik Yayın Teşvik Ödülü, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., 'Engineering Tolerance in Crop Plants against Abiotic Stress' adlı Uluslararası Kitap Editörlüğü, Erciyes Üniversitesi Ziraat Fakültesi, February 2022

Sönmez O., Akademik Teşvik Ödülü, Erciyes Üniversitesi Ziraat Fakültesi, April 2021
Sönmez O., Yüksek H-İndeksine sahip olma, Erciyes Üniversitesi Ziraat Fakültesi, April 2021
Sönmez O., Fakültede En Yüksek 2. APP puanı, Erciyes Üniversitesi Ziraat Fakültesi, April 2021
Sönmez O., Bilimsel Projelerde Başarı Ödülü, Erciyes Üniversitesi, January 2020
Sönmez O., Bilimsel Projelerde Başarı Ödülü, Erciyes Üniversitesi, January 2019
Sönmez O., Yüksek Akademik Teşvik Ödülü, Erciyes Üniversitesi, January 2019
Sönmez O., The Irvin D. And Dora Mae Atkins Graduate Scholarship. Kansas State University Department of Agronomy, USA, Kansas State University, May 2003
Sönmez O., The Ray I Trockmorton Graduate Scholarship. Kansas State University Department of Agronomy, USA, Kansas State University, May 2002
Sönmez O., The Irvin D. And Dora Mae Atkins Graduate Scholarship. Kansas State University Department of Agronomy, USA, Kansas State University, May 2001
Sönmez O., The Irvin D. And Dora Mae Atkins Graduate Scholarship. Kansas State University Department of Agronomy, USA, Kansas State University, June 2000
Sönmez O., Burslu Yurtdışı Doktora, Milli Eğitim Bakanlığı, January 1999
Sönmez O., Yurtdışı Yüksek Lisans , Milli Eğitim Bakanlığı, June 1995
SÖNMEZ O., BÖLÜM BİRİNCİLİĞİ, CUMHURİYET ÜNİVERSİTESİ TOKAT ZİRAAT FAKÜLTESİ, June 1994
Sönmez O., Parasız Yatılı Ziraat Meslek Lisesi Eğitimi, Milli Eğitim Bakanlığı, June 1984

Refereeing Duties

Türkiye Teakwondo Müsabakası Seçmeleri-Organized Competitions, 1994

Non Academic Experience

Other Public Institution, Tarım Ve Köy İşleri Bakanlığı Tokat İl Müdürlüğü, Çiftçi Eğitim Yayım Şubesi
Tarım Bakanlığı
Other Public Institution, Tarım Ve Köy İşleri Bakanlığı Tokat İl Müdürlüğü, Çiftçi Eğitim Yayım Şubesi
Tarım Bakanlığı