

Prof. OĞUZ CAN TURGAY



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International Researcher IDs

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Publons / Web Of Science ResearcherID: AGR-5610-2022

ScopusID: 6505986806

Yoksis Researcher ID: 36465

Education Information

Doctorate, Niigata University, Faculty of Agriculture, Soil Science Laboratory, Japan 1998
- 2002

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Department of Soil Science and
Plant Nutrition, Turkey 1994 - 1997

Undergraduate, Ankara University, Ziraat Fakültesi, Toprak Bilimi Ve Bitki Besleme
Bölümü, Turkey 1989 - 1993

Foreign Languages

Japanese, B2 Upper Intermediate

English, C1 Advanced

Dissertations

Doctorate, Impacts of Soil Management and Land-Use Changes on Microbial Biomass, Niigata University, Agriculture
Faculty, Soil Science Laboratory, 2002

Postgraduate, An investigation on soil microbial biomass of the soils of Kenan Evren Research and Application Farm,
Ankara University, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), 1997

Research Areas

Agricultural Sciences, Agriculture, Soil and Plant Feed, Soil Biology

Academic Titles / Tasks

Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2018 - Continues
Associate Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2012 - 2018
Assistant Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2010 - 2011
Lecturer PhD, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2003 - 2010
Research Assistant, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 1995 - 1998

Academic and Administrative Experience

Erasmus Coordinator, Ankara University, 2013 - Continues
Deputy Head of Department, Ankara University, 2016 - 2022

Courses

Toprak Sorunlarına Giriş, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Toprak Bilimi (ZTO202), Undergraduate, 2016 - 2017
İleri Toprak Biyolojisi, Postgraduate, 2016 - 2017, 2015 - 2016
Çevre Kirliliği (ZTO 305), Undergraduate, 2016 - 2017
Toprak Kirliliği, Doctorate, 2015 - 2016, 2013 - 2014
Toprak Bilgisi, Undergraduate, 2015 - 2016, 2013 - 2014
Toprak İyileştirme Yöntemleri, Undergraduate, 2015 - 2016
Çevre Kirliliği, Undergraduate, 2015 - 2016, 2013 - 2014
Soil Biology, Undergraduate, 2014 - 2015
Toprak Kirliliği, Postgraduate, 2013 - 2014
Toprak Biyolojisi, Undergraduate, 2012 - 2013

Advising Theses

TURGAY O. C., Farklı yöntemlerle elde edilen Biyokömürlerin toprak özellikleri ve buğday verimine etkilerinin karşılaştırılması, Doctorate, O.JAFARI(Student), 2020
TURGAY O. C., Isolation of plant growth promoting rhizobacteria from halophytic Salsola grandis and experimentation their potential use as a biofertilizer, Postgraduate, D.BOZDOĞAN(Student), 2019
TURGAY O. C., Evaluation of the effects of different biochars and hydrochars, obtained from various organic wastes on soil bacterial diversity under maize growth in greenhouse conditions, Postgraduate, B.SEVİLİR(Student), 2019
TURGAY O. C., Buğday yetiştirilen koşullarda farklı mikroalg inokülasyonlarının toprağın mikrobiyal karbon, azot ve fosfor bağlanmasına katkısı, A.MAHMOOD(Student), 2016
TURGAY O. C., Buğday yetiştirilen koşullarda farklı mikroalg nokülasyonlarının toprağın mikrobiyal karbon, azot ve fosfor bağlanmasına katkısı, Postgraduate, A.MAHMOOD(Student), 2016
TURGAY O. C., Akdeniz bölgesi koşullarında uzun süreli organik-inorganik gübreleme uygulamalarının toprak mikrobiyal biyokütlesi üzerine etkisi, Postgraduate, P.SALEHI(Student), 2015

Jury Memberships

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, January, 2022
Doctorate, Doctorate, Ankara Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, December, 2015
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, October, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An evaluation on microplastic accumulations in Turkish soils under different land uses**
AKÇA M. O., GÜNDOĞDU S., AKÇA H., Delialioğlu R. A., Aksit C., TURGAY O. C., Harada N.
Science of the Total Environment, vol.911, 2024 (SCI-Expanded)
- II. **Micro and nano plastics in groundwater systems: A review of current knowledge and future perspectives**
GÜNDOĞDU S., Mihai F., Fischer E. K., Blettler M. C., TURGAY O. C., AKÇA M. O., Aydoğan B., AYAT AYDOĞAN B.
TrAC - Trends in Analytical Chemistry, vol.165, 2023 (SCI-Expanded)
- III. **The short-term effects of pyro-and hydrochars derived from different organic wastes on some soil properties**
Jafari Tarf O., Akça M. O., Donar Y. O., Bilge S., Turgay O. C., Sınağ A.
BIOMASS CONVERSION AND BIOREFINERY, vol.12, no.1, pp.129-139, 2022 (SCI-Expanded)
- IV. **Metabolomics analyses reveal metabolites affected by plant growth-promoting endophytic bacteria in roots of the halophyte mesembryanthemum crystallinum**
Kataoka R., Akashi M., Taniguchi T., Kinose Y., YAPRAK A. E., TURGAY O. C.
International Journal of Molecular Sciences, vol.22, no.21, 2021 (SCI-Expanded)
- V. **Soil properties have more significant effects on the community composition of protists than the rhizosphere effect of rice plants in alkaline paddy field soils**
Asiloglu R., Shiroishi K., Suzuki K., TURGAY O. C., Harada N.
SOIL BIOLOGY & BIOCHEMISTRY, vol.161, 2021 (SCI-Expanded)
- VI. **Effect of protists on rhizobacterial community composition and rice plant growth in a biochar amended soil**
Asiloglu R., Sevilir B., Samuel S. O., Aycan M., AKÇA M. O., Suzuki K., Murase J., TURGAY O. C., Harada N.
BIOLOGY AND FERTILITY OF SOILS, vol.57, no.2, pp.293-304, 2021 (SCI-Expanded)
- VII. **Biochar affects taxonomic and functional community composition of protists**
Asiloglu R., Samuel S. O., Sevilir B., AKÇA M. O., Bozkurt P., Suzuki K., Murase J., TURGAY O. C., Harada N.
Biology and Fertility of Soils, vol.57, no.1, pp.15-29, 2021 (SCI-Expanded)
- VIII. **Protist-enhanced survival of a plant growth promoting rhizobacteria, Azospirillum sp. B510, and the growth of rice (Oryza sativa L.) plants**
Asiloglu R., Shiroishi K., Suzuki K., TURGAY O. C., Murase J., Harada N.
APPLIED SOIL ECOLOGY, vol.154, 2020 (SCI-Expanded)
- IX. **The composition characteristics of arbuscular mycorrhizal fungal communities associated with barley in saline-alkaline soils in Central Anatolia**
Kaidzu T., Suzuki K., Sugiyama H., AKÇA M. O., ERGÜL A., TURGAY O. C., Nonaka M., Harada N.
SOIL SCIENCE AND PLANT NUTRITION, vol.66, no.2, pp.268-274, 2020 (SCI-Expanded)
- X. **High salt tolerant plant growth promoting rhizobacteria from the common ice-plant Mesembryanthemum crystallinum L**
Mahmood A., Amaya R., TURGAY O. C., YAPRAK A. E., Taniguchi T., Kataoka R.
RHIZOSPHERE, vol.9, pp.10-17, 2019 (SCI-Expanded)
- XI. **Profiling of proteasome activity in Alyssum species on serpentine soils in Turkey reveals possible insight into nickel tolerance and accumulation**
Van Hoewyk D., Taşkın M. B., Yaprak A. E., Turgay O. C., Ergül A.
PLANT PHYSIOLOGY AND BIOCHEMISTRY, vol.124, pp.184-189, 2018 (SCI-Expanded)
- XII. **Seed biopriming with plant growth promoting rhizobacteria: a review**
Mahmood A., TURGAY O. C., Farooq M., Hayat R.
FEMS MICROBIOLOGY ECOLOGY, vol.92, no.8, 2016 (SCI-Expanded)
- XIII. **4,4'-DDE and Endosulfan Levels in Agricultural Soils of the Cukurova Region, Mediterranean Turkey**
AKÇA M. O., Hisatomi S., Takemura M., Harada N., Nonaka M., Sakakibara F., Takagi K., TURGAY O. C.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.96, no.3, pp.376-382, 2016 (SCI-Expanded)

- XIV. **Arbuscular mycorrhizal fungal community of wheat under long-term mineral and organic amendments in semi-arid Mediterranean Turkey**
Buto T., Suzuki K., Kaidzu T., Narisawa T., TURGAY O. C., ORTAŞ İ., Harada N., Nonaka M.
ARID LAND RESEARCH AND MANAGEMENT, vol.30, no.4, pp.479-489, 2016 (SCI-Expanded)
- XV. **Changes in Soil Ergosterol Content, Glomalin-Related Soil Protein, and Phospholipid Fatty Acid Profile as Affected by Long-Term Organic and Chemical Fertilization Practices in Mediterranean Turkey**
TURGAY O. C., Buchan D., Moeskops B., De Gusseme B., ORTAŞ İ., De Neve S.
ARID LAND RESEARCH AND MANAGEMENT, vol.29, no.2, pp.180-198, 2015 (SCI-Expanded)
- XVI. **Molecular diversity of indigenous arbuscular mycorrhizal fungi in three different agricultural regions of Turkey**
Suzuki K., TURGAY O. C., AKÇA M. O., Harada N., Nonaka M.
SOIL SCIENCE AND PLANT NUTRITION, vol.60, no.3, pp.367-376, 2014 (SCI-Expanded)
- XVII. **Isolation and characterization of metal resistant-tolerant rhizosphere bacteria from the serpentine soils in Turkey**
TURGAY O. C., Görmez A., BİLEN S.
Environmental Monitoring and Assessment, vol.184, no.1, pp.515-526, 2012 (SCI-Expanded)
- XVIII. **Effect of humic deposit (leonardite) on degradation of semi-volatile and heavy hydrocarbons and soil quality in crude-oil-contaminated soil**
TURGAY O. C., Erdogan E. E., Karaca A.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.170, no.1-4, pp.45-58, 2010 (SCI-Expanded)
- XIX. **Effects of a humic deposit (gyttja) on soil chemical and microbiological properties and heavy metal availability**
Karaca A., Turgay O. C., Tamer N.
BIOLOGY AND FERTILITY OF SOILS, vol.42, no.6, pp.585-592, 2006 (SCI-Expanded)
- XX. **Effects of land-use and management practices on soil ergosterol content in andosols**
Turgay O. C., Nonaka M.
SOIL SCIENCE AND PLANT NUTRITION, vol.48, no.5, pp.693-699, 2002 (SCI-Expanded)
- XXI. **Effect of land degradation on soil microbial biomass in a hilly area of south Sumatra, Indonesia**
Turgay O. C., Lumbanraja J., Yusnaini S., Nonaka M.
SOIL SCIENCE AND PLANT NUTRITION, vol.48, no.5, pp.769-774, 2002 (SCI-Expanded)
- XXII. **Effect of difference in fumigation period on the accumulation of ninhydrin-reactive compounds in Japanese andosols**
Can T., Nonaka M.
SOIL SCIENCE AND PLANT NUTRITION, vol.48, no.2, pp.279-282, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **TARIMDA PLASTİK KULLANIMINA (PLASTİKÜLTÜR) BAĞLI TOPRAKTA MİKROPLASTİK BİRİKİMİ VE KİRLİLİĞİ**
AKÇA M. O., TURGAY O. C., NAMLI A.
Tarım ve Mühendislik, pp.12-19, 2023 (Non Peer-Reviewed Journal)
- II. **ÇİLEK ÜRETİMİNDE PLASTİK MALÇ UYGULAMASINDAN KAYNAKLI TOPRAKTA PLASTİK BİRİKİMİNİN BELİRLENMESİ**
AKÇA M. O., GÜNDOĞDU S., TURGAY O. C.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.10, no.2, pp.165-176, 2022 (Peer-Reviewed Journal)
- III. **Sodium-resistant plant growth-promoting rhizobacteria isolated from a halophyte, *Salsola grandis*, in saline-alkaline soils of Turkey**
KATAOKA R., GÜNERİ E., TURGAY O. C., YAPRAK A. E., SEVİLİR B., BAŞKÖSE İ.
EURASIAN JOURNAL OF SOIL SCIENCE (EJSS), vol.6, no.3, pp.216, 2017 (Peer-Reviewed Journal)

IV. Toprak Kirliliği

NAMLI A., TURGAY O. C.

Toprak Bilimi ve Bitki Besleme Dergisi, vol.1, no.1, pp.13-19, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Alternative strategies to synthetic chemical fertilizers: revitalization of soil quality for sustainable agriculture using organic-based approaches**
Asghar W., Akça M. O., Akça H., Tarf O. J., Kataoka R., Turgay O. C.
in: New and Future Developments in Microbial Biotechnology and Bioengineering, Harikesh Singh, Anukool Vaishnav, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.1-30, 2022
- II. **Use of Synthetic Ecology Approach in Exploring Plant-Microbial Interactions Under Habitat-Imposed Stresses**
Mahmood A., Bardak H., Bozdoğan D., Yamaguchi T., Hamed A., Kataoka R., Turgay O. C.
in: Plant Stress Mitigators, Anukool Vaishnav, D K Choudhary, S S Arya, Editor, Elsevier Science, Oxford/Amsterdam, Singapore, pp.387-417, 2022
- III. **Alternative strategies to synthetic chemical fertilizers: revitalization of soil quality for sustainable agriculture using organic-based approaches**
Asghar W., AKÇA M. O., AKÇA H., Tarf O. J., Kataoka R., TURGAY O. C.
in: New and Future Developments in Microbial Biotechnology and Bioengineering, A. VAİSHNAV & H. B. SİNGH, Editor, Elsevier, pp.1-30, 2022
- IV. **Japonya'nın Tarımsal İstihdam Yapısındaki Değişimi ve Tarımın Sürdürülebilirliği Açısından Bir Değerlendirme**
Karahana M., TURGAY O. C.
in: Japonya Çalışmaları-I, A. Merthan Dünder, Editor, Ankara Üniversitesi, Ankara, pp.87-95, 2021
- V. **JAPONYA'DA KIRSALIN VE TARIMIN GENEL GÖRÜNÜMÜ**
Akkaya M. A., TURGAY O. C.
in: Japonya Çalışmaları-I, A. Merthan Dünder, Editor, Ankara Üniversitesi, Ankara, pp.97-111, 2021
- VI. **Geçmişten Günümüze Tayland Tarımı**
Beder S., TURGAY O. C.
in: Türkiye'de Tayland Çalışmaları, A Merthan Dünder, Ekrem Saltık, Editor, Ankara Üniversitesi, Ankara, pp.279-294, 2021
- VII. **Halophytic Microbiome in Ameliorating the Stress**
Mahmood A., Kataoka R., TURGAY O. C., YAPRAK A. E.
in: Ecophysiology, Abiotic Stress Responses and Utilization of Halophytes, Mirza Hasanuzzaman, Kamrun Nahar, Münir Öztürk, Editor, Springer, Singapore, pp.171-194, 2019
- VIII. **Toprak Kirliliği ve Yönetimi**
NAMLI A., TURGAY O. C., KIZILKAYA R.
in: Toprak Amenajmanı, Sabit Erşahin, Taşkın Öztaş, Ayten Namlı, Gülay Karahan, Editor, Gazi, pp.327-367, 2015
- IX. **Earthworm Interactions with Soil Enzymes**
KIZILKAYA R., Karaca A., TURGAY O. C., CAMCI ÇETİN S.
in: Soil Biology Series Biology of Earthworms, Ayten Karaca, Editor, Springer, Berlin, pp.213-238, 2011
- X. **Detoxification of Heavy Metals Using Earthworms**
TURGAY O. C., KIZILKAYA R., Karaca A., CAMCI ÇETİN S.
in: Detoxification of Heavy Metals Soil Biology, Irena Sherameti; Ajit Varma, Editor, Springer, Berlin, pp.407-421, 2011
- XI. **Role of plant growth promoting bacteria and fungi in heavy metal detoxification**
CAMCI ÇETİN S., Karaca A., KIZILKAYA R., TURGAY O. C.
in: Detoxification of Heavy Metals Soil Biology, Irena Sherameti; Ajit Varma, Editor, Springer-Verlag Berlin Heidelberg, Berlin, pp.369-388, 2011

- XII. **Soil enzymes as indication of soil quality**
Ayten K., CAMCI ÇETİN S., TURGAY O. C., KIZILKAYA R.
in: Soil Enzymology Soil Biology, Girish Shukla, Ajit Varma, Editor, Springer, Berlin, pp.119-148, 2011
- XIII. **Effects of Heavy Metals on Soil Enzyme Activities**
Karaca A., CAMCI ÇETİN S., TURGAY O. C., KIZILKAYA R.
in: Soil Biology Soil Heavy Metals, Irena Sherameti; Ajit Varma, Editor, Springer, Berlin, pp.237-262, 2010
- XIV. **Effects of earthworms on the availability and removal of heavy metals in soil**
Karaca A., KIZILKAYA R., TURGAY O. C., CAMCI ÇETİN S.
in: Soil Biology Soil Heavy Metals, Irena Sherameti; Ajit Varma, Editor, Springer, Berlin, pp.269-388, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Fostering pyrolysis products application to decrease the carbon footprint of European agriculture and forestry: the PYRAGRAF concept**
Janiszewska-Latterini D., Nobre C., Brito P., Celik D., Birgi O., AKÇA M. O., TURGAY O. C.
AGENG2024, Athens, Greece, 01 July 2024
- II. **Microplastic Contamination on Turkish Arable Land due to Sewage Sludge Application**
CÖMERT S. M., AKÇA M. O., TURGAY O. C., SUZUKI K., HARADA N.
KAAB International Symposium 2023 "Frontiers in Ecologically Friendly Crop Production", Niigata, Japan, 27 March 2023
- III. **Influence of acoustic cavitation on selected chemical properties of leonardite and biochar**
AKÇA M. O., ACAR BOZKURT P., TAŞKIN M. B., AKÇA H., TURGAY O. C.
4TH INTERNATIONAL EURASIAN CONFERENCE ON SCIENCE, ENGINEERING AND TECHNOLOGY (EURASIANSCIENTECH 2022), Ankara, Turkey, 16 December 2022
- IV. **Soil properties have more significant effects on the community composition of protists than the rhizosphere effect of rice plants in alkaline paddy field soils**
Asiloglu R., Shiroishi K., Kazuki S., TURGAY O. C., Harada N.
Uluslararası kongre, Samsun, Turkey, 18 December 2021, pp.9
- V. **The Effect of Acoustic Cavitation on Some Chemical Properties of Vermicompost**
AKÇA M. O., ACAR BOZKURT P., TAŞKIN M. B., MERT H., TURGAY O. C.
3RD INTERNATIONAL EURASIAN CONFERENCE ON SCIENCE, ENGINEERING AND TECHNOLOGY (EURASIANSCIENTECH 2021), Ankara, Turkey, 16 December 2021
- VI. **Development of A Biofertilizer for Tea Agriculture by Using Different Organic Materials and Bacteria Isolated from Tea Soils**
NAMLI A., Kutlu E., TABAN S., TURGAY O. C., ÇAKMAKÇI R., Erduran E.
Industrial Biotechnology 2020., 17 - 18 February 2020
- VII. **Toprak kirliliğinin nedenleri, etkileri ve giderilme yöntemleri**
NAMLI A., OKUR N., KIZILKAYA R., TURGAY O. C., GÖÇMEZ S., Kalınbacak K., KAYIKÇIOĞLU H. H., Özden N., Akmehmet Balcıoğlu I.
Türkiye Ziraat Mühendisliği IX. Teknik Kongresi, Turkey, 13 - 17 January 2020
- VIII. **A Comparison of the Effects of Hydrothermal and Pyrolytic Biochars on Selected Soil Physical, Chemical and Biological Characteristics**
Jafari Tarf O., AKÇA M. O., TURGAY O. C., SINAĞ A., DONAR Y. O.
6th Congress on Soil Water Resources with International Participation, İzmir, Turkey, 12 - 14 November 2019
- IX. **How Agricultural Sector can Contribute to Land Degradation Neutrality in Pakistan Perspective of Farmers' Participation and Integrated Land Use**
NAMLI A., TURGAY O. C., mahmood a., hamed a., Kataoka R.
10th International Soil Congress 2019 Successful Transformation toward Land Degradation Neutrality: Future Perspective, Ankara, Turkey, 17 - 19 June 2019, vol.1, pp.1-58
- X. **Effects of Hydrochars Obtained from Different Organic Wastes on Soil Enzyme Activities**

Ommolbanin J. T., AKÇA M. O., DONAR Y. O., TURGAY O. C., SINAĞ A.

Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018

- XI. **Effects of Different Carbonization Processes on Pyrochars and Hydrochars Characteristics**
TARF O. J., AKÇA M. O., DONAR Y. O., TURGAY O. C., SINAĞ A.
International Agricultural Science Congress, 9 - 12 May 2018
- XII. **Farklı karbonizasyon uygulamaları ile elde edilen biyokömürve hidrokömürlerin bazı toprak özellikleri üzerine etkileri**
Ommolbanin Jafari T., AKÇA M. O., TURGAY O. C., SINAĞ A., DONAR Y. O.
V. Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, Kırklareli, Turkey, 12 - 15 September 2017
- XIII. **İzmir-Menemen karayolu kenarında yetiştirilen Bakla (*Vicia faba* L.) örneklerinde Ni, Cd, Cr, Cu, Fe, Mn, Pb, Zn miktarlarının araştırılması**
Özbek K., TURGAY O. C., TAŞKIN T., AYSAR N., DENİZ D.
Beşinci Uluslararası Katılımlı Ulusal Toprak ve Su Kaynakları Kongresi, 12 - 15 September 2017
- XIV. **İzmir-Manisa demiryolu kenarında yetiştirilen *Vicia faba* L. örneklerinde Ni, Cd, Cr, Cu, Fe, Mn, Pb, Zn miktarlarının araştırılması**
Özbek K., TURGAY O. C., TAŞKIN T., AYSAR N., DENİZ D.
Beşinci Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, Kırklareli, Turkey, 12 - 15 September 2017
- XV. **Çukurova Bölgesi Tarım Topraklarının 4 4 DDE dichlorodiphenyldichloroethylene ve Endosülfan Sülfat Miktarları**
AKÇA M. O., SHIHOKO H., MANAMI T., NAOKI H., NONAKA M., FUTA S., KAZUHIRO T., TURGAY O. C.
4. Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, Turkey, 1 - 04 September 2015
- XVI. **Surface fire effects on soil microbial properties in a Mediterranean (*Pinus brutia*) area**
KAPTANOĞLU BERBER A., NAMLI A., TAVŞANOĞLU Ç., TURGAY O. C.
5th International Conference of Fire Effects on Soil Properties, 14 - 17 July 2015
- XVII. **Influence of increasing soil salinity on diversity of arbuscular mycorrhizal fungi colonising winter barley**
KAZUKİ S., TURGAY O. C., AKÇA M. O., TEMİZ Ç., ERGÜL A., HARADA N., NONAKA M.
First Global Biodiversity Conference-Assesing soil biodiversity and its role for ecosystem services, Dijon, France, 2 - 05 December 2014
- XVIII. **Arbuscular mycorrhizal fungal diversity associated with tea plant (*Camelia sinensis*) roots under inorganic and organic fertilization in acidic soil in the East Black Sea region of Turkey**
KAZUKİ S., TURGAY O. C., AKÇA M. O., ERGÜL A., HARADA N., NONAKA M.
20th World Congress of Soil Science, Korea, Jeju Island, South Korea, 8 - 13 June 2014
- XIX. **TÜRKİYEİNİN FARKLI İKLİMSEL VE TARIMSAL KOŞULLARINDA ARBUSKÜLER MİKORİZAL MANTAR ÇEŞİTLİLİĞİNİN DNA DÜZEYİNDE BELİRLENMESİ**
KAZUKİ S., TURGAY O. C., AKÇA M. O., HARADA N., NONAKA M.
III. Ulusal Toprak ve Su Kaynakları Kongresi, Tokat, Turkey, 22 - 24 October 2013
- XX. **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., NAMLI A., BİLEN S.
the third international conference Viterbo/Italy, 15 - 19 July 2007

Supported Projects

Canik Orel D., Turgay O. C., Namlı A., Dellal İ., AKÇA M. O., Horizon Europe Project, Decentralized pyrolytic conversion of agriculture and forestry wastes towards local circular value chains and sustainability, 2023 - 2027

Harada N., Suzuki K., Asiloglu R., Nagano H., Turgay O. C., Akça M. O., Akça H., Project Supported by Public Organizations in Other Countries, Characteristics of rice rhizomicrobiota and carbon/nitrogen dynamics in alkaline paddy fields, 2023 - 2026

Namlı A., Turgay O. C., Akça M. O., TÜBİTAK Project, Karbon Nanopartikül Teknolojisi ile Odun Sirkesinden Nanogübre

Üretimi ve Tarımsal Kullanım Potansiyelinin Araştırılması, 2023 - 2026

Turgay O. C., Other International Funding Programs, TImprovement of Seed and Agro-Chemical Laboratory and Certification Services under the Agrarian Services Agency, 2021 - 2024

Namlı A., Turgay O. C., Project Supported by Higher Education Institutions, Microbial activity and diversity of the compost and vermicompost obtained from different heat application and composting processes, 2021 - 2023

Akça M. O., Namlı A., Turgay O. C., Project Supported by Higher Education Institutions, Oluşum ve Isıl İşlem Aşamalarında Farklı Organik Atıklardan Elde edilen Kompost ve Vermikompost MikrobiyelProje Başlığı Çeşitliliği ve Aktivitelerin Belirlenmesi, 2021 - 2023

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TURGAY O. C., TUBITAK Project, Kimi Brassicaea Türlerinin Nikel ve Kadmiyum Biriktirme Özelliklerinin Belirlenmesi, 2006 - 2009

Memberships / Tasks in Scientific Organizations

The Regional Soil Laboratory Network for Europe and Eurasia (EUROSOLAN) , Vice President, 2021 - Continues, Italy

UNDP GEF SGP National Evaluation Committee for Non-governmental Organization s, Member of Science Committee, 2019 - Continues, Turkey

Soil Science Society, Turkey , Board Member, 2015 - Continues, Turkey

Scientific Refereeing

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Scholarships

postdoc, Fulbright Program, 2010 - 2011

Visiting scientist, Official Institutions of Foreign Countries, 2009 - 2009