

Prof. OĞUZ CAN TURGAY



Personal Information

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Address: Ankara Üniversitesi Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü,
(A blok) Dışkapı / ANKARA



Education Information

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

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Turkey 1994 - 1997

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

Biography

Dr. Oğuz Can Turgay was born on Oct 28, 1971 in Ankara. He graduated from the Department of Soil Science and Plant Nutrition, Faculty of Agriculture, Ankara University in 1993 and completed his Master's Degree in the same department. From 1998 to 2002, he has been a Ph.D student supported by Japanese Governmental Scholarship (MEXT), in Niigata University, Japan. In his later career Dr. Turgay had various postdoctoral research and visiting-scientist positions in different universities in Belgium, Japan and United States. He was promoted to assistant professorship in 2012 and full professorship in 2018 in Faculty of Agriculture, Ankara University. Dr Turgay is currently studying and conducting research projects in the fields of Soil Ecology, Soil Pollution and Remediation in relation to agricultural and environmental issues of Turkey. He is a board member of Soil Science Society of Turkey. Dr. Turgay is married and have two kids.

Foreign Languages

Japanese, B2 Upper Intermediate

English, C1 Advanced

Dissertations

Postgraduate, Ankara Üniversitesi Ziraat Fakültesi Kenan Evren Araştırma ve Uygulama Çiftliği Topraklarının Mikrobiyel Biyokütle Düzeylerinin Araştırılması, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), 1997

Research Areas

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

Ankara University, 2016 - Continues
Erasmus Coordinator, Ankara University, 2013 - Continues

Courses

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

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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. , Snağ A.
BIOMASS CONVERSION AND BIOREFINERY, 2021 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI Expanded)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **Profiling of proteasome activity in Alyssum species on serpentine soils in Turkey reveals possible insight into nickel tolerance and accumulation**
Van Hoewyk D., TAŞKIN M. B. , YAPRAK A. E. , TURGAY O. C. , ERGÜL A.
PLANT PHYSIOLOGY AND BIOCHEMISTRY, vol.124, pp.184-189, 2018 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)

- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI Expanded)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Toprak Sorunlarının Çözümünde Yeryüzü Etiğinin Rolü**
TEMİZ Ç., TURGAY O. C.
Turkish Journal of Bioethics, vol.7, no.3, pp.144-150, 2020 (Refereed Journals of Other Institutions)
- II. **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 (Refereed Journals of Other Institutions)
- III. **Toprak Kirliliği**
NAMLI A., TURGAY O. C.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.1, no.1, pp.13-19, 2012 (Other Refereed National Journals)

Books & Book Chapters

- I. **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
- II. **Japonya'nın Tarımsal İstihdam Yapısındaki Değişimi ve Tarımın Sürdürülebilirliği Açısından Bir Değerlendirme**
Karahan M., TURGAY O. C.
in: Japonya Çalışmaları-I, A. Merthan Dünder, Editor, Ankara Üniversitesi, Ankara, pp.87-95, 2021
- III. **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
- IV. **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
- V. **Tayvan Tarımı**
TURGAY O. C.
in: Türkiye'de Tayvan Çalışmaları - I (Tarih, Ekonomi ve Uluslararası İlişkiler), A. Merthan Dünder, Editor, Ankara Üniversitesi, Ankara, pp.220-229, 2018
- VI. **Toprak Kirliliği ve Yönetimi**
NAMLI A., TURGAY O. C. , KIZILKAYA R.
in: Toprak Amenajmanı, Sabit Erşahin, Taşkın Öztas, Ayten Namlı, Gülay Karahan, Editor, Gazi, pp.327-367, 2015
- VII. **The Role of Plant Growth-Promoting Rhizosphere Bacteria in Toxic Metal Extraction by Brassica spp.**
TURGAY O. C. , BİLEN S.
in: The Plant Family Brassicaceae, Naser A. Anjum; Iqbal Ahmad; M. Eduarda Pereira; Armando C. Duarte; Shahid Umar; Nafees A. Khan, Editor, Springer, pp.213-237, 2012
- VIII. **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
- IX. **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
- X. **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
- 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. **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
- XIII. **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. **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
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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., Deniz D.
Beşinc Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, Kırklareli, Turkey, 12 - 15 September 2017
- X. **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
- XI. **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., Deniz D.
Beşinci Uluslararası Katılımlı Ulusal Toprak ve Su Kaynakları Kongresi, 12 - 15 September 2017
- XII. **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
- XIII. **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

- XIV. **Influence of increasing soil salinity on diversity of arbuscular mycorrhizal fungi colonising winter barley**
KAZUKI 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
- XV. **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**
KAZUKI 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
- XVI. **TÜRKİYENİN FARKLI İKLİMSEL VE TARIMSAL KOŞULLARINDA ARBUSKÜLER MİKORİZAL MANTAR ÇEŞİTLİLİĞİNİN DNA DÜZEYİNDE BELİRLENMESİ**
KAZUKI S., TURGAY O. C. , AKÇA M. O. , HARADA N., NONAKA M.
III. Ulusal Toprak ve Su Kaynakları Kongresi, Tokat, Turkey, 22 - 24 October 2013
- XVII. **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/Italya, 15 - 19 July 2007

Supported Projects

- Namlı A., Turgay O. C. , TUBITAK Project, Çay Atıklarından Elde Edilen Biyokömürün Mikrobiyel Taşıyıcı Olarak Çay Gelişimi ve Çay Topraklarının Kimyasal ve Biyolojik Özelliklerine Etkisi, 2018 - 2020
- Turgay O. C. , Project Supported by Public Organizations in Other Countries, Global Framework of Student Capacity Development for Resilient Agriculture and Food Production (GLOCAL-AGE), 2015 - 2020
- AKÇA M. O. , TURGAY O. C. , Project Supported by Higher Education Institutions, Farklı Yöntemlerle Elde Edilen Biyokömürlerin Toprak Özellikleri ve Buğday verimine Etkilerinin Karşılaştırılması, 2016 - 2019
- TURGAY O. C. , YAPRAK A. E. , TAŞKIN M. B. , ERGÜL A., Project Supported by Higher Education Institutions, Nikel-hiperakümülatör BitkilerdeÜbikitin Protein Yolağı Mekanizmasının Rolü, 2015 - 2017
- TURGAY O. C. , AKÇA M. O. , NAMLI A., Project Supported by Higher Education Institutions, Mikroalglerden biyolojik gübre geliştirilmesi, 2014 - 2016
- TURGAY O. C. , Project Supported by Higher Education Institutions, Doğu Karadeniz Bölgesinde Çay Tarımı Yapılan Topraklarda Arbusküler Mikorizal Mantar Çeşitliliğinin DNA düzeyinde Belirlenmesi, 2013 - 2014
- TURGAY O. C. , YAPRAK A. E. , Project Supported by Higher Education Institutions, Türkiye Orta Anadolu Bölgesi Tuzlu-Alkali Toprak Koşullarında Yaşam Süren ArbuskülerMikorizal Mantar Çeşitliliğinin Belirlenmesi., 2012 - 2014
- TURGAY O. C. , TUBITAK Project, Kimi Brassicæa 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 Organizations, Member of Science Committee, 2019 - Continues, Turkey
- Soil Science Society, Turkey , Board Member, 2015 - Continues, Turkey

Scientific Refereeing

- APPLIED SOIL ECOLOGY, SCI Journal, January 2022

APPLIED SOIL ECOLOGY, SCI Journal, September 2021
JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION, SCI Journal, July 2021
APPLIED SOIL ECOLOGY, SCI Journal, December 2020
JOURNAL OF SOILS AND SEDIMENTS, SCI Journal, July 2018
CHEMOSPHERE, SCI Journal, May 2018
APPLIED SOIL ECOLOGY, SCI Journal, December 2017
JOURNAL OF MOUNTAIN SCIENCE, SCI Journal, May 2017
CHEMOSPHERE, SCI Journal, April 2017
ECOLOGICAL INDICATORS, SCI Journal, June 2016
CANADIAN JOURNAL OF SOIL SCIENCE, SCI Journal, February 2016

Citations

Total Citations (WOS):210

h-index (WOS):7

Scholarships

postdoc, Fulbright Program, 2010 - 2011

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