

**Kimlik Bilgileri**

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**Eğitim Bilgileri**

Mezuniyet Bilgileri	Üniversite Fakülte/Enstitü	Bölüm/Anabilim
Lisans	Harran Üniversitesi Ziraat Fakültesi	Tarım Teknolojisi/Toprak
Doktora	Cartagena Teknik Üniversitesi (İspanya) Tarım Bilimleri ve Teknolojileri	Toprak ve Su Kaynaklarının Sürdürülebilir Kullanımı, Yönetimi ve Islahı
Yabancı Dil Bilgileri	İngilizce	Çok iyi (Dil Puanı 65)
	İspanyolca	Çok iyi

**Kadro Bilgileri**

Fakülte/YO/MYO/vb.	Ziraat Fakültesi
Bölümü / Uzmanlık Alanı	Toprak Bilimi ve Bitki Besleme Bölümü/ Toprak biyokimyası, Bitki besleme,
Anabilim Dalı	Toprak Bilimi ve Bitki Besleme Anabilim Dalı
Kadro Unvanı	Doktor Öğretim Üyesi
Verdiği Dersler	Bahçe Bitkileri Gübrelemesi

**Bilimsel Çalışmalar****YAYINLAR****ULUSLARARASI HAKEMLİ DERGİLERDE YAYIMLANAN MAKALELER**

1. YANARDAĞ ASUMAN, FAZ CANO ANGEL, MERMUT AHMET RUHİ, YANARDAĞ İBRAHİM HALİL, Gomez Garrido Melisa (2019). Organic carbon fluxes using column leaching experiments in soil treated with pig slurry in SE Spain. Arid Land Research and Management, 34:2, 136-151, DOI: 10.1080/15324982.2019.1634158 (Yayın No: 5593562)
2. SAKİN ERDAL, YANARDAĞ İBRAHİM HALİL (2019). EFFECT OF APPLICATION OF SHEEP MANURE AND ITS BIOCHAR ON CARBON EMISSIONS IN SALT AFFECTED CALCAREOUS SOIL IN SANLIURFA REGION SE TURKEY. FRESenius ENVIRONMENTAL BULLETIN, 28(4), 2553-2560. (Yayın No: 5037238)
3. YANARDAĞ İBRAHİM HALİL, ZORNOZA RAUL, BASTIDA FELIPE, YANARDAĞ ASUMAN, GARCIA CARLOS, FAZ CANO ANGEL, MERMUT AHMET RUHİ (2017). Native soil organic matter conditions the response of microbial communities to organic inputs with different stability. Geoderma, 295, 1-9., Doi: 10.1016/j.geoderma.2017.02.008 (Yayın No: 5037227)
4. YANARDAĞ ASUMAN, MERMUT AHMET RUHİ, FAZ CANO ANGEL, CARMONA GARCES DORA MARIA, YANARDAĞ İBRAHİM HALİL (2016). Cadmium contents of soils and durum and bread wheats on Harran Plain, southeast Turkey. TURKISH JOURNAL OF AGRICULTURE AND

5. YANARDAĞ İBRAHİM HALİL, ZORNOZA RAUL, FAZ CANO ANGEL, MERMUT AHMET RUHİ, YANARDAĞ ASUMAN (2014). Evaluation of Carbon and Nitrogen dynamics in different soil types amended with Pig Slurry, Pig Manure and its Biochar by Chemical and Thermogravimetric Analysis. BIOLOGY AND FERTILITY OF SOILS, 51(2), 183-196., Doi: <https://doi.org/10.1007/s00374-014-0962-3> (Yayın No: 5037220)

#### **ULUSLARARASI KİTAP VEYA KİTAPLARDA YAZILAN BÖLÜMLER**

1. Yanardag, I.H., Büyükkiliç Yanardag, A., Faz Cano, A., and Mermut, A. R. 2014. Effect of Pig Slurry Application on Soil Organic Carbon. In Mermut, A. R. Soil Remediation and Plants”prospects and Challenges”. Chapter 24. pp. 687-704 Elsevier. <http://dx.doi.org/10.1016/B978-0-12-799937-1.00024-3>.
2. SAKİN, E., YANARDAĞ, İH. 2017. Effect of the different land uses on soil organic carbon and carbon emissions in Harran Plain SE Turkey. Chapter 15, p. 35-43. In: Arapgirlioğlu, H., Elliot, RE., Turgeon, E., Atik, A. (eds.) Researches on science and Art in 21st century Turkey. Gece Kitaplığı Yayınevi, Ankara, Turkey. ISBN.

#### **ULUSLARARASI BİLİMSEL TOPLANTILARDA SUNULAN VE BİLDİRİ KİTABINDA (PROCEEDİNG) BASILAN BİLDİRİLER.**

1. Sakin Erdal, Yanardağ İbrahim Halil (2019). Investigation of Black Carbon Method In Calcareous Soils And Determining the Black Carbon Stocks of These Soils. 1ST INTERNATIONAL GOBEKLITEPE AGRICULTURAL CONGRESS (Abstract / Oral Presentation)
2. Sakin Erdal, Yanardağ İbrahim Halil (2019). The Effects of Different Organic Materials Substance of Biochar Applications on B - D Glucosidase, B - D Galactosidase and B - D Glycosaminidase Activity. 1ST INTERNATIONAL GOBEKLITEPE AGRICULTURAL CONGRESS (Abstract / Oral Presentation)
3. Sakin Erdal, Yanardağ İbrahim Halil (2019). The Effect of Low Voltage Electric Current Applications on Soil Carbon Dynamics. 1ST INTERNATIONAL GOBEKLITEPE AGRICULTURAL CONGRESS (Abstract / Oral Presentation)
4. Sakin Erdal, Yanardağ İbrahim Halil (2019). The Effect of Different Organic Substance Biochar Applications on Carbon Emission Under Control Conditions. 1ST INTERNATIONAL GOBEKLITEPE AGRICULTURAL CONGRESS (Abstract / Oral Presentation)
5. Sakin Erdal, Yanardağ İbrahim Halil (2019). The Effect of Biochar Applications Obtained From Different Organic Substances Applied on Calcareous Soil on Some Carbon Forms. 1ST INTERNATIONAL GOBEKLITEPE AGRICULTURAL CONGRESS (Abstract / Oral Presentation)
6. Yanardağ İbrahim Halil, Altuntaş Özlem (2019). GROWING ALTERNATIVE PLANTS AS PRODUCERS OF NEWINCOME INDUSTRIAL HEMP CASE. 5TH INTERNATIONAL REGIONALDEVELOPMENT CONFERENCE, 1086-1086. (Abstract / Oral Presentation)
7. Erdal SAKİN and İbrahim Halil YANARDAĞ. Microbial Biomass Carbon and Nitrogen Amount of Soils Under different land uses: A Case Study of Osmanbey Campus. UGAP2018-1ST INTERNATIONAL GAP AGRICULTURE AND LIVESTOCK CONGRESS-SANLIURFA-TURKEY, NISAN 2018.
8. İbrahim Halil Yanardağ, Raúl Zornoza, Ángel Faz, Asuman Büyükkılıç-Yanardağ, Ahmet Mermut. Carbon dynamics in different soil types amended with pig slurry, pig manure and its biochar. Vol. 16, EGU General Assembly 2014. EGU 2014-10241, Nisan 2014
9. Raúl Zornoza, Ángel Faz, Silvia Martínez-Martínez, Jose Alberto Acosta, María Dolores Gómez, and İbrahim Yanardag. Mid-term effects of mine soil reclamation by use of aided phytostabilization. Vol. 16, EGU General Assembly 2014. EGU 2014-10094, Nisan 2014
10. Asuman Buyukkiliç Yanardag, Angel Faz Cano, İbrahim Halil Yanardag, Ahmet Mermut and Melisa Gomez Garrido. STABLE CARBON ISOTOPE COMPOSITION OF SOIL AND PLANT UNDER PIG SLURRY APPLICATIONS IN SILTY LOAM SOIL, SE SPAIN. 20th World Congress of Soil Science. Haziran 8-13, 2014 ICC Jeju, Korea
11. Asuman Buyukkiliç Yanardag, Angel Faz Cano, İbrahim Halil Yanardag and Melisa Gomez Garrido. UNDISTURBED COLUMN STUDY: HEAVY METAL TRANSFER FROM SOIL TO UNDERGROUNDWATER WITH PIG SLURRY APPLICATION IN A SILTY LOAM SOIL. 20th World Congress of Soil Science. Haziran 8-13, 2014 ICC Jeju, Korea
12. Asuman Buyukkiliç Yanardag, İbrahim Halil Yanardag, Tuba Cinar Buyukkiliç, Ali Seyrek, Ahmet Mermut and Angel Faz Cano. CONTENTS OF TOTAL IRON AND DIFFERENT IRON FORMS DISTRIBUTION OF HARRAN PLAIN, SOUTHEAST OF TURKEY. 20th World Congress of Soil Science. Haziran 8-13, 2014 ICC Jeju, Korea
13. İbrahim Halil Yanardağ, Ángel Faz Cano, Asuman Büyükkılıç Yanardağ, and Ahmet Mermut. A STUDY OF PIG SLURRY APPLICATION FROM LIQUID AND SOLID FEEDING DIET: EFFECTS ON SOIL ENZYME ACTIVITIES, MICROBIAL BIOMASS, SOLUBLE AND BLACK CARBON IN A SANDY LOAM SOILS. 20th World Congress of Soil Science. Haziran 8-13, 2014 ICC Jeju, Korea
14. Silvia Martinez Martinez, Raul Zornoza Belmonte, Angel Faz Cano, Jose Acosta Aviles, Maria Dolores

- Gomez Lopez, Ibrahim Yanardag, Asuman Buyukkılıc. INFLUENCE OF THE AIDED PHYTOSTABILIZATION ON SOIL FERTILITY AND PB-ZN MOBILITY IN A TAILING POND FROM SE SPAIN. International Congress of Pyhtoremedition of polluted soils, 29- 30 Temmuz 2014, Vigo, Spain.
15. Melisa Gómez-Garrido, Pablo Sánchez García, Angel Faz Cano, Asuman Büyükkılıç Yanardag, Ibrahim Halil Yanardag, Sebla Kabas, Maria Angeles Muñoz García, Rosa Maria Rosales Aranda, Juan Carlos Segura Ruíz. Agronomic Recycling of Pig Slurry and Pig Sewage, EGU (European Geosciences Union) 2013-VIENNA-AUSTRIA, Nisan 2013.
  16. Asuman Büyükkılıç Yanardag, Ahmet Mermut, Angel Faz Cano, Dora Maria Carmona Garces, Ibrahim Halil Yanardag. Heavy Metal Content of Soils, Durum and Bread Wheats in Harran Plain, Southeast Turkey, EGU (European Geosciences Union) 2013- VIENNA-AUSTRIA, Nisan 2013.
  17. Asuman Büyükkılıç Yanardag, Angel Faz Cano, Ahmet Mermut, Ibrahim Halil Yanardag and Melisa Gomez Garrido. Long-Term Effect of Pig Slurry Application on Soil Carbon Stroge, Quality and Yield Sustainability in Murcia Region, Spain, EGU (European Geosciences Union) 2013-VIENNA-AUSTRIA, Nisan 2013.
  18. Ibrahim Halil Yanardag, Angel Faz Cano, Ahmet Mermut, Asuman Büyükkılıç Yanardag. Influence of Pig Slurry on Microbial and Biochemical Characteristics of Soil in Albacete Region, SE Spain, EGU (European Geosciences Union) 2013-VIENNA-AUSTRIA, Nisan 2013.
  19. Asuman Büyükkılıç Yanardağ, Ángel Faz Cano, Ahmet Ruhi Mermut, and İbrahim Halil Yanardağ. Undisturbed Column Study: Soil Organic Carbon Fluxes with Different Doses of Pig Slurry Application, SCS 2013 (SOIL CARBON SEQUESTRATION FOR CLIMATE, FOOD SECURITY AND ECOSYSTEM SERVICES INTERNATIONAL CONFERENCE)- REJKJAVIK, ICELAND, Mayıs 2013.
  20. İbrahim Halil Yanardağ, Angel Faz Cano, Ahmet Ruhi Mermut, Asuman Büyükkılıç Yanardağ. Soil Organic Carbon Distribution in Particle-Size Fractions in 16 Different Profiles of Harran Plain, SE Turkey, SCS 2013 (SOIL CARBON SEQUESTRATION FOR CLIMATE, FOOD SECURITY AND ECOSYSTEM SERVICES INTERNATIONAL CONFERENCE)- REJKJAVIK, ICELAND, Mayıs 2013
  21. Asuman Büyükkılıç Yanardağ, Ángel Faz Cano, İbrahim Halil Yanardağ, and Melisa Gomez Garrido. Soil Organic Carbon Dynamics in the Soil- Plant System after Three Years of Pig Slurry Applications in a Silty Loam Soil, ISCO COLOMBIA 2013-MEDELLIN-COLOMBIA, Temmuz 2013.
  22. İbrahim Halil Yanardağ, Ángel Faz Cano, and Asuman Büyükkılıç Yanardağ. Changes of Soil Organic Carbon and Soil Properties with Pig Slurry from Liquid and Solid Feeding Diet in a Sandy Loam Soil, ISCO COLOMBIA 2013-MEDELLIN-COLOMBIA, Temmuz 2013.
  23. Asuman Büyükkılıç Yanardağ, Ángel Faz Cano, and İbrahim Halil Yanardağ. Soil Properties Impacts on Cadmium Availability in Agricultural Soils and Wheats, SE Turkey, IUSS ULM CONFERENCE- SOILS IN SPACE AND TIME-ULM-GERMANY, Eylül-Ekim 2013.
  24. İbrahim Halil Yanardağ , Ángel Faz Cano, and Asuman Büyükkılıç Yanardağ. Effect of Pig Slurry Applications on Physical-Chemical Plant Properties and Crop Yield of Barley in Albacete Province, SE Spain, IUSS ULM CONFERENCE- SOILS IN SPACE AND TIME-ULM-GERMANY, Eylül- Ekim 2013.
  25. Asuman Büyükkılıç Yanardağ, Ahmet R. Mermut, Ángel Faz Cano, and Ibrahim Halil Yanardağ. Effects of Pig Slurry Application on Heavy Metal Concentration in Undisturbed Soil Column. 8th INTERNATIONAL SOIL CONGRESS-CESME-IZMIR-TURKEY, Mayıs 2012.
  26. Asuman Büyükkılıç Yanardağ, Ángel Faz Cano, Ahmet R. Mermut, Melisa Gómez Garrido and Ibrahim Halil Yanardağ. Soil Quality Management and Productivity with Pig Slurry Applications in SE Spain. 8th INTERNATIONAL SOIL CONGRESS-CESME-IZMIR-TURKEY, Mayıs 2012.
  27. Yanardağ, I. H., A.R. Mermut, A. Faz Cano, A. Büyükkılıç Yanardağ. Impact of Different Kind of Pig Manure on Organic Matter Functional Groups under Semi-Arid Climate Conditions in Albacete Region SE Spain. 8TH INTERNATIONAL SOIL CONGRESS-CESME-IZMIR-TURKEY, Mayıs 2012.
  28. Yanardag, Ibrahim Halil; Mermut, Ahmet; Faz Cano, Angel; Büyükkılıç Yanardag, Asuman. Influence of Pig Slurry on Microbial and Biochemical Characteristics of Soil in Albacete Region, SE Spain. EUROSOIL 2012 "Soil Science for the Benefit of Mankind and Environment" -BARI-ITALY, Temmuz 2012.
  29. Büyükkılıç Yanardag, Asuman; Faz Cano, Angel; Gómez Garrido, Melisa; Estévez Rodríguez, M<sup>a</sup> Dolores; Yanardag, Ibrahim Halil. Soil Development with Different Doses of Pig Slurry Applications in The Guadalentin Valley,SE Spain. EUROSOIL 2012 "Soil Science for the Benefit of Mankind and Environment"-BARI-ITALY, Temmuz 2012.
  30. Büyükkılıç Yanardag, Asuman; Mermut, Ahmet; Faz Cano, Angel; Yanardag, Ibrahim Halil. Carbon Balance in Undisturbed Soil Columns from Murcia Region, Se Spain, EUROSOIL 2012 "Soil Science for the Benefit of Mankind and Environment"-BARI-ITALY, Temmuz 2012.
  31. Asuman Büyükkılıç Yanardağ, Ángel Faz Cano, İbrahim Halil Yanardağ, and Melisa Gómez Garrido. Land Application of The Pig Slurry in The Guadelentin Valley: Impact of Some Soil Characteristics and Quality. XV CONGRESO INTERNACIONAL EN CIENCIAS AGRÍCOLAS- SEMANA NACIONAL DE GANADO PORCINO-MEXICALI-MÉXICO, Ekim 2012.
  32. Gómez-Garrido, M., Sánchez García P., Büyükkılıç Yanardag, A., Yanardag I., Kabas, S., Muñoz García, M.A., Rosales Aranda, R.M., Segura Ruíz J.C. , Faz Cano, A. Valorización Agronómica de Purines y

Efluentes Porcinos. XV CONGRESO INTERNACIONAL EN CIENCIAS AGRÍCOLAS- SEMANA NACIONAL DE GANADO PORCINO- MEXICALI – MÉXICO, Ekim 2012.

32. Büyükkılıç Yanardağ, M. Gómez-Garrido, M. D. Estévez Rodríguez, I. H. Yanardağ, A. Faz Cano, Dissolved Organic Carbon and Soil Respiration Release in Undisturbed Columns from SE Spain. GOLDSCHMIDT 2011 CONGRESS-PRAGUE/CZECH REPUBLIC, Augustos 2011
33. Yanardag I.H., Faz A., Muñoz M.A., Büyükkılıç Yanardag A., Gallardo R. Effect of Soil Sand on 13C CP-MAS NMR Spectra Quality. GOLDSCHMIDT 2011 CONGRESS -PRAGUE/CZECH REPUBLIC, Augustos 2011.
34. Faz A., Muñoz M.A., Rosales R., Yanardag I., Bretón J. , Büyükkılıç A., Gallardo R., Ramos G. Fertilization with Pig Slurries in Mediterranean Soils for Crop Production: Liquid and Conventional Feedings Comparison. 14TH INTERNATIONAL RAMIRAN CONGRESS- LISBON-PORTAGUAL, Eylül 2010.
35. Büyükkılıç, Asuman; Faz Cano, Angel; Yanardag, Ibrahim Halil; Gómez Garrido, Melisa; Estévez Rodríguez, M<sup>a</sup> Dolores. Effects of Pig Slurries Application on Soil Organic Carbon in The Guadalentín Valley, Murcia SE Spain. ORGANIC MATTER STABILIZATION AND ECOSYSTEM FUNCTIONS- PRESQU"ILE DE GIENS-FRANCE, Ekim-2010.
36. Yanardag, Ibrahim Halil; Faz Cano, Angel; Muñoz García, M<sup>a</sup> Ángeles; Büyükkılıç, Asuman; Bretón Sobrado, Jorge. Sustainable Pig Slurry Application in Agricultural Soils in Cancarix Area, SE Spain. 16TH SOIL CONGRESS OF THE INTERNATIONAL SOIL CONSERVATION ORGANISATION- SANTIAGO DE CHILE-CHILE, Aralık-2010.

### ULUSAL BİLİMSEL TOPLANTILARDA SUNULAN VE BİLDİRİ KİTABINDA (PROCEEDİNG) BASILAN BİLDİRİLER

1. Gómez-Garrido, M., Sánchez García P., Büyükkılıç Yanardag, A., Yanardag I., Kabas, S., Muñoz García, M.A., Rosales Aranda, R.M., Segura Ruíz J.C. , Faz Cano, A. Valorización Agronómica de Purines y Efluentes Porcinos. FERIA GANADERA, INDUSTRIAL Y AGROALIMENTARIA 45 EDICIÓN SEMANA NACIONAL DE GANADO PORCINO. XLV SEMANA NACIONAL DE GANADO PORCINO-MURCIA – SPAIN, Eylül 2012 (İspanyolca).
2. Büyükkılıç Yanardağ A., Estévez Rodríguez M.D., Gómez-Garrido, M., Yanardağ I.H., Faz Cano, A. Using Pig Slurries and Impacts on Soil Organic Carbon in the Guadalentin Valley, Murcia SE Spain. V. SIMPOSIO NACIONAL SOBRE CONTROL DE LA DEGRADACIÓN Y USO SOSTENIBLE DE SUELO-MURCIA/SPAIN, Haziran-2011 (İspanyolca).
3. Faz, A., Gallardo, R., Muñoz, M.A., Yanardag, I.H., Bretón, J., Uso Agronómico del Purín y Control de la Emisión de Gases de Efecto Invernadero, IV CONGRESO IBÉRICO DE LAS CIENCIA DEL SUELO. GRANADA-SPAİN, Eylül 2010 (İspanyolca).

### Proje Çalışmaları

Projedeki Görevi	Proje Türü (***) ve Adı	Başlama-Bitiş Tarihi	Destek Miktarı
Araştırmacı	CDTI ESPANA-UPCT (TARIM BAKANLIĞI-UPCT ÜNİVERSİTESİ ORTAK) Valorization of common manure for fertizilation of agricultural areas and recovery of degraded areas (Banco de purines-Totana) (Tarım alanlarının gübrelenmesi ve bozulmuş alanların geri kazanımı için domuz atığının değerlendirilmesi)	Haziran 2010- Aralık 2010	89,500 €
Araştırmacı	CDTI ESPANA-UPCT (TARIM BAKANLIĞI-UPCT ÜNİVERSİTESİ ORTAK) Gestión integral en común de purines mediante valorización agronómica sostenible (Banco de Purines-Lorca). Sürdürülebilir tarımın değerlendirilmesiyle yaygın bulamaçların kapsamlı yönetimi (Banco de Purines-Lorca).	Haziran 2010- Aralık 2010	67,000 €
Araştırmacı	CDTI-Ministerio de Ciencia e Innovación-UPCT (TARIM BAKANLIĞI-BİLİM BAKANLIĞI-UPCT ÜNİVERSİTESİ ORTAK) Aplicación agronómica de purines de cerdo ibérico sometidos a dieta líquida (Sıvı diyet uygulanmış İber domuz bulamacının agronomik olarak uygulaması)	Ekim 2010-Ekim 2012	304,893 €

Arařtırmacı	Avrupa komisyonu (LIFE+) Post-mined polluted landscapes reclamation by means of valorization of different residues - MIPOLARE (Farklı kalıntıların deęerlerinin belirlenmesiyle terkedilmiş kirli maden alanlarının çevre düzenlenmesi)	Eylül 2010- Agustos 2014	UPCT 320.658 – Toplam: 1.791.272
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