

Lect. PhD EBRU KARNEZ

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International Researcher IDs

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Education Information

Doctorate, Cukurova University, Ziraat Fakültesi, Toprak Bilimi Ve Bitki Besleme Anabilimdalı, Turkey 2004 - 2010

Postgraduate, Cukurova University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Aşağı Seyhan Ovasında Buğday ve Mısır Üretim Alanlarında Azot Bütçesine İlişkin Girdi ve Çıktıların İrdelenmesi , Cukurova University, Toprak Bölümü, Toprak, 2010

Postgraduate, Buğday Bitkisinde Artan Dozlarda Toprak ve Yapraktan Uygulanan Azotun Tane Verimi ve Protein İçeriğine Etkisi, Cukurova University, Toprak Bölümü, Toprak, 2004

Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Soil and Plant Feed, Soil Fertility, Acidity, Alkanility, Field Crops Applications

Academic Titles / Tasks

Lecturer PhD, Cukurova University, Karaisalı Meslek Yüksekokulu, Seracılık Programı, 2017 - Continues

Assistant Professor, Cankiri Karatekin University, Kızılırmak Vocational School, Organik Tarım Programı, 2011 - 2012

Lecturer PhD, Cankiri Karatekin University, Kızılırmak Vocational School, Organik Tarım Programı, 2010 - 2011

Research Assistant, Cukurova University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme, 2001 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Considering Residual Soil Mineral Nitrogen in Corn Fertilizer Recommendations in an Irrigated Mediterranean Area**
İBRİKÇİ H., Koca Y. K., ÇETİN M. T., KARNEZ E., Koca G. B., SAĞIR H., RYAN J., İslam K. R.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.49, no.2, pp.202-214, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of the effectiveness of mycorrhiza, vermicompost and fertilization on tomato pith necrosis disease**
ercan n., KARNEZ E., AKTEPE B. P., AYSAN Y.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.27, no.2, pp.299-308, 2022
(Peer-Reviewed Journal)
- II. **Domateste bakteriyel benek hastalığının mücadelesinde vermikompost uygulamasının etkisi**
KARNEZ E., GÜLDOĞAN Ö., ERCAN N., KORKMAZ K., AYSAN Y.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.26, no.3, pp.726-735, 2021
(Peer-Reviewed Journal)
- III. **Sulu Tarımın Yapıldığı Akarsu Sulama Havzasında Drenajla Oluşan Azot Kayıplarının Zamansal İzlenmesi**
İBRİKÇİ H., ÇETİN M., SAĞIR H., UÇAN M., GÖLPINAR M. S., KARNEZ E.
Çukurova Tarım ve Gıda Bilimleri Dergisi, vol.31, no.3, pp.153-163, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Modeling Agricultural Land Management to Improve Understanding of Nitrogen Leaching in an Irrigated Mediterranean Area in Southern Turkey**
KARNEZ E., SAĞIR H., Glavan M., GÖLPINAR M. S., ÇETİN M., Akgül M. A., İBRİKÇİ H., Pintar M.
in: Water Quality, Hlanganani Tutu, Editor, Books International , Londra, pp.135-158, 2017
- II. **Modeling Agricultural Land Management to Improve Understanding of Nitrogen Leaching in an Irrigated Mediterranean Area in Southern Turkey**
KARNEZ E., SAĞIR H., Glavan M., GÖLPINAR M. S., ÇETİN M., Akgül M. A., İBRİKÇİ H., Pintar M.
in: Water Quality, Hlanganani Tutu, Editor, Books International , Londra, pp.135-158, 2017
- III. **Modeling Agricultural Land Management to Improve Understanding of Nitrogen Leaching in an Irrigated Mediterranean Area in Southern Turkey**
KARNEZ E., SAĞIR H., Glavan M., GÖLPINAR M. S., ÇETİN M., Akgül M. A., İBRİKÇİ H., Pintar M.
in: Water Quality, Hlanganani Tutu, Editor, Books International , Londra, pp.135-158, 2017
- IV. **Modeling Agricultural Land Management to Improve Understanding of Nitrogen Leaching in an Irrigated Mediterranean Area in Southern Turkey**
KARNEZ E., SAĞIR H., Glavan M., GÖLPINAR M. S., ÇETİN M., Akgül M. A., İBRİKÇİ H., Pintar M.
in: Water Quality, Hlanganani Tutu, Editor, InTech, pp.135-158, 2017
- V. **Modeling Agricultural Land Management to Improve Understanding of Nitrogen Leaching in an Irrigated Mediterranean Area in Southern Turkey**
Karnez E., SAĞIR H., Glavan M., GÖLPINAR M. S., ÇETİN M., Akgül M. A., İBRİKÇİ H., Pintar M.
in: Water Quality, Tutu, H., Editor, Intechopen, Rijeka, pp.135-158, 2017
- VI. **Modeling Agricultural Land Management to Improve Understanding of Nitrogen Leaching in an Irrigated Mediterranean Area in Southern Turkey**
Karnez E., SAĞIR H., Glavan M., GÖLPINAR M. S., ÇETİN M., Akgül M. A., İBRİKÇİ H., Pintar M.
in: Water Quality, Tutu H. <http://dx.doi.org/10.5772/65809>, Editor, Intechopen, Rijeka, pp.136-158, 2017
- VII. **Modeling Agricultural Land Management to Improve Understanding of Nitrogen Leaching in an Irrigated Mediterranean Area in Southern Turkey**

Refereed Congress / Symposium Publications in Proceedings

- I. **Plant Nitrogen and Yield Relationships in Corn Grown in Cukurova Region**
Balci Koca G., İBRİKÇİ H., ÇETİN M., KOCA Y. K., KARNEZ E., SAĞIR H.
I. International Agricultural Science Congress, 9 - 12 May 2018, pp.525
- II. **Nitrogen Management Tools in an Irrigated Agricultural Land**
İBRİKÇİ H., ÇETİN M., SAĞIR H., KARNEZ E., FINK M., GLAVAN M., PINTAR M., RYAN J.
2017 International Annual Meeting, American Society Agronomy, Crop Science, Soil Science Soc. of America, Tama, Japan, 22 - 25 October 2017
- III. **SWAT MODELING OF SEASONAL DIFFERENCES IN NITRATE LEACHING**
SAĞIR H., GLAVAN M., ÇETİN M., İBRİKÇİ H., KARNEZ E., GÖLPINAR M. S., PINTAR M.
The 2017 International SWAT Conference and Workshops, VARŞOVA, Poland, 26 - 30 June 2017, pp.91
- IV. **Understanding of water and nitrogen cycle in an irrigated Mediterranean area in southern Turkey**
Glavan M., KARNEZ E., SAĞIR H., GÖLPINAR M. S., ÇETİN M., Akgül M. A., İBRİKÇİ H., PINTAR M.
International SWAT conference (2017 : Warsaw, Poland, Warszawa, Poland, 26 - 30 June 2017
- V. **DPSIR Approach to Nitrogen Management in an Irrigated Agricultural Land**
İBRİKÇİ H., ÇETİN M., KARNEZ E., SAĞIR H., UÇAN M., Manfred F., GÖLPINAR M. S.
2017 International Conference at Aarhus University-Innovative solutions for Sustainable Management of Nitrogen, Aarhus, Denmark, 26 - 28 June 2017
- VI. **Quantifying the impacts of crop types on groundwater nitrate loads in an irrigation scheme of southern Turkey**
ÇETİN M., İBRİKÇİ H., KARNEZ E., UÇAN M.
International Interdisciplinary Conference on Land Use and Water Quality, The Hague, Netherlands, 29 May - 01 June 2017, vol.1, pp.135-136
- VII. **SWAT modelling approach to irrigated land management for mitigation**
İBRİKÇİ H., SAĞIR H., Glavan M., ÇETİN M., KARNEZ E., GÖLPINAR M. S., PINTAR M.
International Interdisciplinary Conference on Land Use and Water Quality, The Hague, Netherlands, 29 May - 01 June 2017, vol.1, pp.135-136
- VIII. **DETERMINING SPATIAL IRREGULARITIES OF NITRATE CONCENTRATIONS IN IRRIGATION RETURN FLOWS OF MEDITERRANEAN IRRIGATION SUB CATCHMENT**
ÇETİN M., İBRİKÇİ H., UÇAN M., GÖLPINAR M. S., SAĞIR H., KARNEZ E.
19th NITROGEN WORKSHOP Efficient use of different sources of nitrogen in agriculture- from theory to practice, 27 - 29 June 2016
- IX. **Modelling Agricultural Management Change for Lowering Nitrogen Leaching in Irrigated Mediterranean Area in Lower Seyhan Plain in Southern Turkey**
KARNEZ E., Matjaz G., İBRİKÇİ H., ÇETİN M., PINTAR M., UÇAN M., SAĞIR H., RYAN J.
Eurosoil2016 - Istanbul, İstanbul, Turkey, 16 - 21 October 2016, vol.1, pp.326
- X. **Determining spatial irregularities of nitrate concentrations in irrigation return flows of Mediterranean irrigation sub catchments**
ÇETİN M., İBRİKÇİ H., UÇAN M., GÖLPINAR M. S., SAĞIR H., KARNEZ E.
The 19th Nitrogen Workshop: Efficient use of different sources of nitrogen in agriculture-from theory to practice, Skara, Sweden, 27 - 29 June 2016, vol.1, pp.164-165
- XI. **Gübre kullanımı ve potansiyel su kirliliği**
İBRİKÇİ H., Cetin M., Sagir H., Ucan M., Golpinar M., Karnez E.
Türkiye'de Gübre Kullanımı, Sorunlar ve Sürdürülebilirlik. Veda Çalıştayı., İzmir, Turkey, 04 December 2015, pp.1
- XII. **Quantifying Temporal Changes of Nitrate Loads in Intensively Used Agricultural Landscape of the Semiarid Mediterranean Turkey**

ÇETİN M., İBRİKÇİ H., Uçan M., SAĞIR H., Fink M., KARNEZ E., Nagano T., BERBEROĞLU S., Kabota J., Gölpınar S. International Interdisciplinary Conference on Land Use and Water Quality, Agricultural Production and the Environment (LuwQ 2015), 21 - 24 September 2015, vol.1, pp.66

- XIII. **Quantifying temporal changes of nitrate loads in intensively used agricultural landscapes of the semiarid mediterranean Turkey.**
ÇETİN M., İBRİKÇİ H., Karnez E., Sagir H., BERBEROĞLU S.
2. International Land Use and Water Quality, Viyana, Austria, 21 - 24 September 2015, pp.1
- XIV. **Quantifying Temporal Changes of Nitrate Loads in Intensively Used Agricultural Landscapes of the Semiarid Mediterranean Turkey**
ÇETİN M., İBRİKÇİ H., Ucan M., SAĞIR H., Fink M., Karnez E., NAGANO T., BERBEROĞLU S., Kubota J., GÖLPINAR M. S. International Interdisciplinary Conference on Land Use and Water Quality, Agricultural Production and the Environment (LuWQ2015), Vienna, Austria, 21 - 24 September 2015, vol.1, no.1, pp.66
- XV. **Irrigation induced groundwater nitrate pollution in mediterranean agricultur**
İBRİKÇİ H., ÇETİN M., BERBEROĞLU S., SAĞIR H., KARNEZ E., Nagano T., Fink M., Kabota J., Göhmann H.
The 9th world congress of the european water resources association (EWRA2015), water resources management in a changing world: challanges and opportunities, 10 - 13 June 2015, vol.1, pp.251-252
- XVI. **Distributive Modelling of Hydrological Dynamics in the Lower Seyhan Plain Application in the Akarsu Irrigation District**
Göhmann H., Fink M., ÇETİN M., İBRİKÇİ H., KARNEZ E., BERBEROĞLU S.
The 9th World congress of the european water resources association (EWRA2015), 10 - 13 June 2015, vol.1, pp.167-168
- XVII. **Distributive modelling of hydrological dynamics in the lower Seyhan plain - application in the Akarsu irrigation district**
Goehmann H., Fink M., ÇETİN M., İBRİKÇİ H., Karnez E., BERBEROĞLU S.
European Water Resources Association, 9th World Congress, Water Resources Management in a Changing World: Challenges and Opportunities, İstanbul, Turkey, 10 - 13 June 2015, pp.167
- XVIII. **Irrigation-Induced Groundwater Nitrate Pollution in Mediterranean Agriculture**
İBRİKÇİ H., ÇETİN M., BERBEROĞLU S., SAĞIR H., Karnez E., NAGANO T., Fink M., Kubota J., Göhmann H.
The 9th World Congress of the European Water Resources Association (EWRA2015), Water Resources management in a changing world: Challenges and opportunities, İstanbul, Turkey, 10 - 13 June 2015, vol.1, no.1, pp.251-252
- XIX. **Irrigation-Induced groundwater nitrate pollution in Mediterranean agriculture**
İBRİKÇİ H., Çetin M., Berberoglu S., Sagir H., Karnez E., Nagano T., Fink M., Kubota J., Goehmann H.
European Water Resource Association, 9th World Congress, Water Resource Management in a Changing World: Challenges and Opportunities, İstanbul, Turkey, 10 - 13 June 2015, pp.251
- XX. **Quantifying water balance components and irrigation water management wuality indices at irrigation district level**
ÇETİN M., İBRİKÇİ H., KARNEZ E., Fink M., Flugel W., Aragues R., Nagano T., BERBEROĞLU S., Ryan J., Pintar M., et al.
Global Water Team Panel, İzmir, Turkey, 9 - 10 October 2014
- XXI. **Nitrogen management in irrigated agriculture: A case study**
İBRİKÇİ H., Cetin M., Berberoglu S., Karnez E., Fink M., Flugel W., Aragues R., Nagano T., Ryan J., Pintar M., et al.
Global Water Team Panel, Manisa, Turkey, 9 - 10 October 2014, pp.2
- XXII. **Residual Soil Mineral Nitrogen As Readily Available Source To Crops In An Irrigated Mediterreanean Area**
İBRİKÇİ H., Koca G., ÇETİN M., KARNEZ E.
18th Nitrogen Workshop, 30 June - 03 July 2014, vol.1, pp.125-126
- XXIII. **RESIDUAL SOIL MINERAL NITROGEN AS A READILY AVAILABLE SOURCE TO CROPS IN AN IRRIGATED MEDITERRANEAN AREA**
İBRİKÇİ H., Balcı Koca G., ÇETİN M., KARNEZ E., KOCA Y. K.
18th Nitrogen Workshop, Lisboa, Portugal, 30 June - 03 July 2014, pp.125-126
- XXIV. **Residual soil mineral nitrogen as readily available source to crops in an irrigated Mediterranean**

area

İBRİKÇİ H., Koca G., Cetin M., Karnez E., Koca K.

18th Nitrogen Workshop. The nitrogen challenge: Building a blueprint for nitrogen use efficiency and food security, Lisbon, Portugal, 30 June - 03 July 2014, pp.125-126

- XXV. **Sustainability of agricultural water management a case study in southern Turkey**
ÇETİN M., Flugel W., İBRİKÇİ H., Nagano T., Tilkici B., Aragues R., KARNEZ E.
First World Irrigation Forum and 64th international executive council meeting, 29 September - 05 October 2013
- XXVI. **Integrated water and nitrogen management in a large scale irrigated area in Southern Turkey**
İBRİKÇİ H., Cetin M., Karnez E., Fink M., Flugel W., Aragues R., Nagano T., Ryan J., Sagir H.
First Irrigation Forum and 64th International Executive Council Meeting, Mardin, Turkey, 28 September - 05 October 2013, vol.R3.12, pp.127
- XXVII. **Sustainability of agricultural water management: A case study in Southern Turkey**
Cetin M., Flugel W., İBRİKÇİ H., Nagano T., Tilkici B., Aragues R., Karnez E.
First Irrigation Forum and 64th International Executive Council Meeting, Mardin, Turkey, 28 September - 05 October 2013, vol.R3.39, pp.157
- XXVIII. **Time series modeling of monthly salt and nitrate loads in irrigation return flows in the semiarid Mediterranean landscapes of Turkey.**
Cetin M., İBRİKÇİ H., Aragues R., Karnez E., Flugel W., Tor S., Fink M.
LuWQ2013, Land Use and Water Quality: Reducing Effects of Agriculture, The Hague, Netherlands, 10 - 13 June 2013, no.103, pp.53
- XXIX. **Ammonium and Nitrate Status of the First Crop Corn Fields at Cukurova Region.**
KARNEZ E., İBRİKÇİ H., ÖZTEKİN M. E., DİNGİL M., ÇETİN M., TOPÇU S., Oğuz H., Korkmaz K.
International Meeting on Soil Fertility, Land Management and Agroclimatology, Aydın, Turkey, 29 October - 01 November 2008, pp.90
- XXX. **Aşağı Seyhan Ovası Akarsu Sulama Sahası Taban Sularında Nitrat Konsantrasyonu ve oluşturacağı Çevresel Risk Potansiyeli**
İBRİKÇİ H., KARNEZ E., OĞUZ H., ÇETİN M., ÖZTEKİN M., DİNGİL M., KIRDA C., TOPÇU S., EFE H.
Sulama ve Drenaj Konferansı. 10-11 Nisan 2008/Adana., Turkey, 10 - 11 April 2008
- XXXI. **Management of nitrogen fertilizer use for crop production and quality**
İBRİKÇİ H., Ülger A. C., Büyük G., Güzel N., YAĞBASANLAR T., Çakır B., Karnez E., Korkmaz K., TOKLU F., Oğuz H., et al.
The 2003 Dahlia Greidinger Symposium, İzmir, Turkey, 7 - 10 December 2003, pp.369-370
- XXXII. **Wheat Responses to Phosphorus Fertilizer Application on Calcareous Soils Under Greenhouse Conditions**
KORKMAZ K., İBRİKÇİ H., KARNEZ E., BÜYÜK G., ÜLGER A. C., YAĞBASANLAR T., ÖZKAN H., KONUŞKAN Ö.
Dahlia Greidinger Symposium, Nutrient, Substrate and Water Management in Protected Cropping Systems, İzmir, Turkey, 7 - 10 December 2003, pp.1-5
- XXXIII. **Management of Nitrogen Fertilizer Use For Crop Production and Quality**
İBRİKÇİ H., ÜLGER A. C., BÜYÜK G., GÜZEL N., YAĞBASANLAR T., ÇAKIR B., KARNEZ E., KORKMAZ K., TOKLU F., ÖZKAN H., et al.
Dahlia Greidinger Symposium, Nutrient, Substrate and Water Management in Protected Cropping Systems, İstanbul, Turkey, 7 - 10 December 2003, pp.1-10

Supported Projects

İBRİKÇİ H., KARNEZ E., ÇETİN M., SAĞIR H., Project Supported by Higher Education Institutions, Çukurova Bölgesinde sulu tarımın yapıldığı alanlarda azot yönetiminde DPSIR yaklaşımının kullanılması, 2017 - 2021

KARNEZ E., İBRİKÇİ H., ÇETİN M., GÖLPINAR M. S., SAĞIR H., Project Supported by Higher Education Institutions, DPSIR Approach to Nitrogen Management in an Irrigated Agricultural Land, 2017 - 2019

KARNEZ E., Project Supported by Higher Education Institutions, Modelling Agricultural Management Change for

Lowering Nitrogen Leaching in Irrigated Mediterranean Area in Lower Seyhan Plain in Southern Turkey, 2016 - 2019
ÇETİN M., İBRİKÇİ H., BERBEROĞLU S., UÇAN M., KARATAYLI B., KARNEZ E., İLKER D., Project Supported by Higher Education Institutions, Türkiyede Tarımsal Bir Alanda Sulamadan Dönen Suyun ve Sudaki Besin Elementi Yükünün İzlenmesi ve Çok Ölçekli Modellenmesi (IRAFLUT), 2016 - 2019
İBRİKÇİ H., ÇETİN M., SAĞIR H., KARNEZ E., PİNTAR M., GLAVAN M., Project Supported by Higher Education Institutions, Nitrogen Management Tools in an Irrigated Agricultural Land, 2017 - 2018
ÇETİN M., UÇAN M., KARNEZ E., İBRİKÇİ H., Project Supported by Higher Education Institutions, Quantifying the impacts of crop types on groundwater nitrate loads in an irrigation scheme of southern Turkey, 2017 - 2017

Metrics

Publication: 54
Citation (WoS): 96
Citation (Scopus): 90
H-Index (WoS): 6
H-Index (Scopus): 6

Non Academic Experience

Çankırı Karatekin Üniversitesi Kızılırmak Meslek Yüksekokulu
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Çukurova Üniversitesi