

## **Prof. HAYRİYE İBRİKÇİ**

### **Personal Information**

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**Address:** Çukurova Üniversitesi, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, Adana

### **Education Information**

Doctorate, University of Florida, Faculty Of Agriculture, Soil And Water Science Dept., United States Of America 1988 - 1993

Postgraduate, North Dakota State University, Faculty Of Agriculture, Soil Science Dept., United States Of America 1985 - 1988

Postgraduate, Cukurova University, Ziraat Fakültesi, Toprak Bölümü, Turkey 1980 - 1981

Undergraduate, Cukurova University, Ziraat Fakültesi, Toprak Bölümü, Turkey 1976 - 1980

### **Foreign Languages**

English, C1 Advanced

### **Certificates, Courses and Trainings**

Foreign Language, ABD'de Georgetown Üniversitesi'nde 1 yıl süreyle dil eğitimi, Georgetown Üniversitesi, 1985

### **Research Areas**

Agricultural Sciences, Agriculture, Soil and Plant Feed, Soil Chemistry (inorganic,organic), Soil and Water Storage and Management, Organic farming, Nutritive Principles, Complete Fertilizers, Methods of Application, Grounded Feeding Applications, Soil Fertility, Acidity, Alkanality

### **Academic Titles / Tasks**

Professor, Cukurova University, Ziraat Fakültesi, Toprak, 1999 - Continues

Associate Professor, Cukurova University, Ziraat Fakültesi, Toprak, 1994 - 1999

Assistant Professor, Cukurova University, Ziraat Fakültesi, Toprak Bölümü, 1993 - 1994

Research Assistant, Cukurova University, Çukurova Üniversitesi, Toprak Bölümü, 1981 - 1993

### **Academic and Administrative Experience**

## Courses

Toprak Bilimi ve Bitki Besleme, Undergraduate, 2014 - 2015  
Sera Bitkileri Gübrelemesi, Doctorate, 2014 - 2015  
Toprak Verimliliği, Undergraduate, 2014 - 2015

## Advising Theses

İBRİKÇİ H., Çukurova bölgesinde drenaj sularında nitrat konsantrasyonlarının zamansal değişimi, Postgraduate, H.Sağır(Student), 2013  
İBRİKÇİ H., Çukurova koşullarında ekim öncesi topraktaki mineral azotun birinci ürün mısır gübreleme programında kullanım potansiyeli, Postgraduate, G.Koca(Student), 2013  
İBRİKÇİ H., Aşağı Seyhan ovasında buğday ve mısır üretim alanlarında azot bütçesine ilişkin girdi ve çıktıların irdelenmesi, Doctorate, E.Karnez(Student), 2010  
İBRİKÇİ H., Düşük fosfor koşullarında yetişen mısır genotiplerinin fosfor beslenme statüleri üzerine kükürt ve çinko elementlerinin etkisi, Postgraduate, S.Gök(Student), 2007  
İBRİKÇİ H., GAP bölgesine ait bir toprakta sera koşullarında yetiştirilen mısır genotiplerinin fosfor ve çinko gübrelemelerine tepkileri, Postgraduate, M.Gül(Student), 2006  
İBRİKÇİ H., Çukurova koşullarında mısır çeşitlerine değişik dönemlerde uygulanan farklı azot dozlarının azot kullanım etkinliğine, tane verimine ve kaliteye etkisi, Doctorate, G.Büyük(Student), 2006  
İBRİKÇİ H., Kireçli toprakların fosfor durumlarının belirlenmesi ve fosfor uygulamasının mısır verimine etkisi, Doctorate, K.Korkmaz(Student), 2005  
İBRİKÇİ H., Buğday bitkisinde artan dozlarda topraktan ve yapraktan uygulanan azotun tane verimi ve protein içeriğine etkisi, Postgraduate, E.Karnez(Student), 2004  
İBRİKÇİ H., Organik kökenli arıtma çamurunun tarımda kullanılması, Doctorate, D.Dönmez(Student), 2004  
İBRİKÇİ H., Mineral-azot (Nmin) yöntemi kullanılarak buğdayda azotlu gübre dozunun saptanması, Postgraduate, S.Görez(Student), 1998  
İBRİKÇİ H., Mısır tarımında azot kaynağı olarak kullanılan Leucaena leucocephala bitkisinin toprak verimliliği ve mısırda bitki besin elementi içeriğine etkisi, Postgraduate, D.Elife(Student), 1997  
İBRİKÇİ H., Farklı dozlarda fosforla birlikte uygulanan mikorizanın buğdayda kök büyümeye etkisi, Postgraduate, M.Albayrak(Student), 1997  
İBRİKÇİ H., Çukurova koşullarında fosforlu gübre dozlarının buğday verim ve kalitesine etkisi, Postgraduate, E.Civan(Student), 1997  
İBRİKÇİ H., Farklı potasyum dozlarının mısırda (*Zea mays l.*) verim ve kaliteye etkisi, Postgraduate, M.Faik(Student), 1996

## Jury Memberships

Associate Professor Exam, Doçentlik Sınav Jürisi, Doçentlik Sözlü Sınav Jürisi, Üniversiteler Arası Kurul, September, 2014  
Associate Professor Exam, Doçentlik Jürisi, Doçentlik Jürisi, yayın değerlendirme, April, 2014  
Appointment to Academic Staff-Assistant Professorship, Profesörlük kadrosuna atama juri üyeliği, Çukurova Üniversitesi, June, 2012  
Appointment to Academic Staff-Assistant Professorship, Doçentlik kadrosuna atama juri üyeliği, Çukurova Üniversitesi, May, 2007

## 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., Islam K. R.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.49, no.2, pp.202-214, 2018 (SCI-Expanded)
- II. **Irrigation-induced nitrate losses assessed in a Mediterranean irrigation district**  
İBRİKÇİ H., ÇETİN M., Karnez E., FLUEGEL W. A., TILKICI B., BULBUL Y., Ryan J.  
AGRICULTURAL WATER MANAGEMENT, vol.148, pp.223-231, 2015 (SCI-Expanded)
- III. **Phosphorus in Low-Input Dryland Agriculture: The Perspective from Syria**  
Ryan J., İBRİKÇİ H., Rashid A., Sommer R.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.44, no.16, pp.2378-2392, 2013 (SCI-Expanded)
- IV. **Implications of Profile Mineral Nitrogen in an Irrigated Project Area of Southern Turkey**  
Karnez E., İBRİKÇİ H., ÇETİN M. T., Ryan J., DİNGİL M., ÖZTEKİN M. S., Korkmaz K.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.44, pp.783-793, 2013 (SCI-Expanded)
- V. **Micronutrient Constraints to Crop Production in the Middle East-West Asia Region: Significance, Research, and Management**  
Ryan J., Rashid A., Torrent J., Yau S. K., İBRİKÇİ H., Sommer R., ERENOĞLU E. B.  
ADVANCES IN AGRONOMY, VOL 122, vol.122, pp.1-84, 2013 (SCI-Expanded)
- VI. **ASSESMENOT OF CORN (ZEA MAYS L.) GENOTYPES IN RELATION TO NITROGEN FERTILIZATION UNDER IRRIGATED CROPPING CONDITIONS IN TURKEY**  
İBRİKÇİ H., Ulger A. C., Buyuk G., Korkmaz K., Ryan J., Karnez E., Cakir B., Ozgenturk G., Konuskan O.  
PAKISTAN JOURNAL OF BOTANY, vol.44, no.3, pp.919-925, 2012 (SCI-Expanded)
- VII. **Fertilizer Best Management Practices: A Perspective from the Dryland West Asia-North Africa Region**  
Ryan J., Sommer R., İBRİKÇİ H.  
JOURNAL OF AGRONOMY AND CROP SCIENCE, vol.198, no.1, pp.57-67, 2012 (SCI-Expanded)
- VIII. **USING AN ELECTROMAGNETIC SENSOR COMBINED WITH GEOGRAPHIC INFORMATION SYSTEMS TO MONITOR SOIL SALINITY IN AN AREA OF SOUTHERN TURKEY IRRIGATED WITH DRAINAGE WATER**  
ÇETİN M., İBRİKÇİ H., Kirda C., KAMAN H., Karnez E., Ryan J., TOPÇU S., ÖZTEKİN M. S., DİNGİL M., Sesveren S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.5, pp.1133-1145, 2012 (SCI-Expanded)
- IX. **APEX simulation of best irrigation and N management strategies for off-site N pollution control in three Mediterranean irrigated watersheds**  
Cavero J., Barros R., Sellam F., TOPÇU S., Isidoro D., Hartani T., Lounis A., İBRİKÇİ H., ÇETİN M. T., Williams J. R., et al.  
AGRICULTURAL WATER MANAGEMENT, vol.103, pp.88-99, 2012 (SCI-Expanded)
- X. **Spatial Variation in Soil Organic Matter, Available Phosphorus, and Potassium under Semi-arid Conditions: Research Station Management Implications**  
Ryan J., Singh M., Masri S., İBRİKÇİ H.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.43, no.21, pp.2820-2833, 2012 (SCI-Expanded)
- XI. **SIGNIFICANCE OF PHOSPHORUS FOR AGRICULTURE AND THE ENVIRONMENT IN THE WEST ASIA AND NORTH AFRICA REGION**  
Ryan J., İBRİKÇİ H., Delgado A., Torrent J., Sommer R., Rashid A.  
ADVANCES IN AGRONOMY, VOL 114, vol.114, pp.91-153, 2012 (SCI-Expanded)
- XII. **Spatial and Temporal Variability of Groundwater Nitrate Concentrations in Irrigated Mediterranean Agriculture**  
İBRİKÇİ H., ÇETİN M. T., Karnez E., Kirda C., TOPÇU S., Ryan J., Oztekin E., DİNGİL M., Korkmaz K., OĞUZ H.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.43, pp.47-59, 2012 (SCI-Expanded)
- XIII. **Cultivation Intensity in Relation to Organic Matter and Related Properties in a Vertisol in Southern Turkey**  
Ryan J., Kapur S., İBRİKÇİ H., Singh M.  
JOURNAL OF SUSTAINABLE AGRICULTURE, vol.35, no.6, pp.613-623, 2011 (SCI-Expanded)
- XIV. **Responses of wheat genotypes to phosphorus fertilization under rainfed conditions in the Mediterranean region of Turkey**  
Korkmaz K., İBRİKÇİ H., Karnez E., Buyuk G., Ryan J., Oguz H., Ulger A. C.

- SCIENTIFIC RESEARCH AND ESSAYS, vol.5, no.16, pp.2304-2311, 2010 (SCI-Expanded)
- XV. Extractable Potassium and its Relation to Clays of Mesaoria Plain Soils, Cyprus  
Buyuk G., Ryan J., İBRİKÇİ H., Kume T., Guzel N., Akca E.  
INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY, vol.12, no.3, pp.435-438, 2010 (SCI-Expanded)
- XVI. Strategies for Phosphorus Nutrition of Dryland Wheat in Pakistan  
Rashid A., Awan Z. I., Ryan J., Rafique E., İBRİKÇİ H.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.41, no.21, pp.2555-2567, 2010 (SCI-Expanded)
- XVII. MONITORING GROUNDWATER NITRATE CONCENTRATIONS UNDER IRRIGATION IN THE CUKUROVA REGION OF SOUTHERN TURKEY  
İBRİKÇİ H., Cetin M., Karnez E., Topcu S., Kirda C., Ryan J., Oguz H., Dingil M., Oztekin E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, no.9, pp.1802-1812, 2010 (SCI-Expanded)
- XVIII. NITROGEN IN RAINFED AND IRRIGATED CROPPING SYSTEMS IN THE MEDITERRANEAN REGION  
Ryan J., İBRİKÇİ H., Sommer R., McNeill A.  
ADVANCES IN AGRONOMY, VOL 104, vol.104, pp.53-136, 2009 (SCI-Expanded)
- XIX. Phosphorus Use Efficiency of Wheat Genotypes Grown in Calcareous Soils  
Korkmaz K., İBRİKÇİ H., Karnez E., Buyuk G., Ryan J., Ulger A. C., Oguz H.  
JOURNAL OF PLANT NUTRITION, vol.32, no.12, pp.2094-2106, 2009 (SCI-Expanded)
- XX. Genotypic Responses of Corn to Phosphorus Fertilizer Rates in Calcareous Soils  
İBRİKÇİ H., Ulger A. C., Korkmaz K., Oktem A., Buyuk G., Ryan J., Amar B., Konuskan O., KARNEZ E., Ozgenturk G., et al.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.40, pp.1418-1435, 2009 (SCI-Expanded)
- XXI. Response to residual and currently applied phosphorus in dryland cereal/legume rotations in three Syrian Mediterranean agroecosystems  
Ryan J., İBRİKÇİ H., Singh M., Matar A., Masri S., Rashid A., Pala M.  
EUROPEAN JOURNAL OF AGRONOMY, vol.28, no.2, pp.126-137, 2008 (SCI-Expanded)
- XXII. Differential responses of barley landraces and improved barley cultivars to nitrogen-phosphorus fertilizer  
Ryan J., Masri S., Ceccarelli S., Grando S., İBRİKÇİ H.  
JOURNAL OF PLANT NUTRITION, vol.31, no.2, pp.381-393, 2008 (SCI-Expanded)
- XXIII. Optimizing nitrogen fertilizer-use recommendations for winter wheat in a Mediterranean-type environment using tissue nitrate testing  
Korkmaz K., Ibrikci H., Ryan J., Buyuk G., Guzel N., KARNEZ E., OĞUZ H., YAĞBASANLAR T.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.39, pp.1352-1366, 2008 (SCI-Expanded)
- XXIV. Implications of cereal-based crop rotations, nitrogen fertilization, and stubble grazing on soil organic matter in a Mediterranean-type environment  
Ryan J., Masri S., İBRİKÇİ H., Singh M., Pala M., Harris H. C.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.32, no.4, pp.289-297, 2008 (SCI-Expanded)
- XXV. Maintenance of phosphorus fertilizer and residual phosphorus effect on corn production  
Ibrikci H., Ryan J., Ulger A., Buyuk G., Cakir B., Korkmaz K., Karnez E., Ozgenturk G., Konuskan O.  
NUTRIENT CYCLING IN AGROECOSYSTEMS, vol.72, no.3, pp.279-286, 2005 (SCI-Expanded)
- XXVI. Phosphorous fertilizer efficiency and mycorrhizal infection in corn genotypes  
Ibrikci H., Ryan J., Yıldırın Ü., Güzel N., Ülger A., Büyük G., Karnez E., Korkmaz K.  
RENEWABLE AGRICULTURE AND FOOD SYSTEMS, vol.19, no.2, pp.92-99, 2004 (SCI-Expanded)
- XXVII. Chickpea leaves as a vegetable green for humans: evaluation of mineral composition  
Ibrikci H., Knewton S., Grusak M.  
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.83, no.9, pp.945-950, 2003 (SCI-Expanded)
- XXVIII. Contribution of soil mineral nitrogen in wheat production  
Ibrikci H., Buyuk G., Yagbasanlar T., Keklikci Z., Toklu F., Guzel N., Ozkan H.  
JOURNAL OF PLANT NUTRITION, vol.24, no.12, pp.1871-1883, 2001 (SCI-Expanded)
- XXIX. Non-exchangeable and exchangeable potassium status of soils in relation to clay mineralogy and other soil properties in Hilvan area of upper Mesopotamia in southeastern Anatolia

- Guzel N., Buyuk G., Ibrikci K.  
 COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.32, pp.2877-2892, 2001 (SCI-Expanded)
- XXX. Inorganic phosphorus and manure effects on bahiagrass production on a Spodosol**  
 Ibrikci H., Hanlon E., Rechcigl J.  
 NUTRIENT CYCLING IN AGROECOSYSTEMS, vol.54, no.3, pp.259-266, 1999 (SCI-Expanded)
- XXXI. Determination of potassium and magnesium status of soils using different soil extraction procedures in the upper part of Mesopotamia (in the Harran Plain)**  
 Ortas I., Guzel N., Ibrikci H.  
 COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.30, pp.2607-2625, 1999 (SCI-Expanded)
- XXXII. Modeling approach to nitrogen uptake by field-grown corn**  
 Ibrikci H., Ulger A., Cakir B., Buyuk G., Guzel N.  
 JOURNAL OF PLANT NUTRITION, vol.21, no.9, pp.1943-1954, 1998 (SCI-Expanded)
- XXXIII. Influence of nitrogen rates and row spacing on corn yield, protein content, and other plant parameters**  
 Ulger A., Ibrikci H., Cakir B., Guzel N.  
 JOURNAL OF PLANT NUTRITION, vol.20, no.12, pp.1697-1709, 1997 (SCI-Expanded)
- XXXIV. INFLUENCE OF MANURE AND INORGANIC FERTILIZER ON YIELD AND QUALITY OF PISTACHIO**  
 TEKIN H., GUZEL N., IBRIKCI H.  
 JOURNAL OF PLANT NUTRITION, vol.18, no.6, pp.1263-1272, 1995 (SCI-Expanded)
- XXXV. DISTRIBUTION AND FRACTIONATION OF SOIL-PHOSPHORUS IN PARTICLE-SIZE SEPARATES IN SOILS OF WESTERN TURKEY**  
 GUZEL N., IBRIKCI H.  
 COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.25, pp.2945-2958, 1994 (SCI-Expanded)
- XXXVI. MACRO ELEMENT STATUS OF MANDARINE ORCHARDS IN SOUTHERN TURKEY**  
 IBRIKCI H.  
 COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.25, pp.2971-2980, 1994 (SCI-Expanded)
- XXXVII. PHOSPHORUS UPTAKE BY BAHIAGRASS FROM SPODOSOLS - MODELING OF UPTAKE FROM DIFFERENT HORIZONS**  
 IBRIKCI H., COMERFORD N., HANLON E., RECHCIGL J.  
 SOIL SCIENCE SOCIETY OF AMERICA JOURNAL, vol.58, no.1, pp.139-143, 1994 (SCI-Expanded)
- XXXVIII. DIFFERENTIAL RESPONSES OF SOYBEAN AND DRY BEAN TO ZINC-DEFICIENCY**  
 IBRIKEI H., MORAGHAN J.  
 JOURNAL OF PLANT NUTRITION, vol.16, no.9, pp.1791-1805, 1993 (SCI-Expanded)
- XXXIX. DETERMINATION OF NUMBER OF SUBSAMPLES FROM A SAMPLING UNIT FOR NO<sub>3</sub>-N MEASUREMENTS IN PROFILES OF VARIOUS SOIL SERIES IN SOUTHERN TURKEY**  
 GUZEL N., IBRIKCI H., Ortas I.  
 COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.23, pp.2697-2709, 1992 (SCI-Expanded)
- XL. INITIAL CALIBRATION AND CORRELATION OF INORGANIC-PHOSPHORUS SOIL TEST METHODS WITH A BAHIAGRASS FIELD TRIAL**  
 IBRIKCI H., HANLON E., RECHCIGL J.  
 COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.23, pp.2569-2579, 1992 (SCI-Expanded)

## Articles Published in Other Journals

- I. Çukurova Koşullarında Mısır Bitkisinde Bitkide Azot ve Verim İlişkileri  
 Koca G., İBRİKÇİ H.  
 Çukurova Tarım Gıda Bil. Der., vol.34, no.2, pp.119-125, 2019 (Peer-Reviewed Journal)
- II. Sulu tarımın yapıldığı Akarsu sulama havzasında drenajla oluşan kayıpların zamansal izlenmesi  
 İBRİKÇİ H., ÇETİN M., SAĞIR H., Uçan m., GÖLPINAR M. S., Karnez E.  
 Çukurova Tarım Gıda Bilimleri Dergisi, vol.31, pp.153-163, 2016 (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)
- IV. **Soil Depth and Moisture in Relation to Barley and Chickpea Growth and Uptake Responses to Applied Phosphorus.**  
 Ryan J., İBRİKÇİ H., Masri S., Korkmaz K., Buyuk G., Karnez E.  
 Basic and Applied Dryland Research, vol.2, pp.23-33, 2008 (Peer-Reviewed Journal)
- V. **Total and Mineral Nitrogen in a Wheat-Based Rotation Trial under Dryland Mediterranean Conditions.**  
 Ryan J., Masri S., Singh M., pala M., İBRİKÇİ H., Rashid A.  
 Basic and Applied Dryland Research, vol.2, pp.34-46, 2008 (Peer-Reviewed Journal)
- VI. **Monitoring nitrogen status of organically-grown strawberry cultivars by using chlorophyll meter reading**  
 Guler S., Macit I., Koc A. F., İBRİKÇİ H.  
 Asian Journal of Plant Sciences, vol.5, pp.753-757, 2006 (Scopus)
- VII. **Estimating leaf nitrogen status of strawberry using chlorophyll meter reading.**  
 Guler S., Macit I., Koc A. F., İBRİKÇİ H.  
 Journal of Biological Sciences, vol.6, no.6, pp.1011-1016, 2006 (Peer-Reviewed Journal)
- VIII. **Yield and elemental composition of cucumber as affected by drip and furrow irrigation**  
 İBRİKÇİ H., Güler S.  
 Acta Horticulturae, 2002 (Scopus)
- IX. **Response of established bahiagrass to broadcast lime and phosphorus.**  
 Rechcigl J., Mislevy P., İBRİKÇİ H.  
 Journal of Production Agriculture, vol.8, pp.249-253, 1995 (Peer-Reviewed Journal)
- X. **Harran Ovası Toprak Serilerinde Yararlı Mikro-element Düzeyleri ve Çinko (Zn) Uygulamasına Karşı Bitkinin Yanıtı**  
 güzel n., ORTAŞ İ., ibrikçi h.  
 Ç.U. Z.F. Dergisi, vol.1, no.6, pp.15-30, 1991 (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; <http://dx.doi.org/10.5772/65809>, Editor, Intechopen, Rijeka, pp.136-158, 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. <http://dx.doi.org/10.5772/65809>, Editor, Intechopen, Rijeka, pp.136-158, 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, Hlanganani Tutu, Editor, InTech, pp.135-158, 2017
- VII. 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
- VIII. Toprak Verimliliği ve Bitki Besin Elementi Yönetimi**  
İBRİKÇİ H.  
in: Toprak Amenajmani, Erşahin S., Öztaş, T., Namlı, A., Karahan, G., Editor, Gazi Kitapevi, Ankara, pp.369-403, 2015
- IX. Toprak Verimliliği ve Bitki Besin Elementi Yönetimi**  
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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

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 Dönüş Suyun ve Sudaki Besin Elementi Yükünün İzlenmesi ve Çok Ölçekli Modelleme (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

İBRİKÇİ H., Project Supported by Higher Education Institutions, Bilimsel Yayımları Destekleme Projesi, 2015 - 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

İBRİKÇİ H., ÇETİN M., Project Supported by Higher Education Institutions, MONITORING FERTILIZATION EFFECTS ON GROUNDWATER NITRATE POLLUTION, 2016 - 2016

ÇETİN M., İBRİKÇİ H., Project Supported by Higher Education Institutions, DETERMINING SPATIAL IRREGULARITIES OF NITRATE CONCENTRATIONS IN IRRIGATION RETURN FLOWS OF MEDITERRANEAN IRRIGATION SUBCATCHMENTS, 2016 - 2016

İBRİKÇİ H., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (4 Adet), 2014 - 2016

İBRİKÇİ H., Project Supported by Higher Education Institutions, Sulu Tarımın Yapıldığı Akarsu Sulama Havzasında Drenajla Oluşan Azot Kayıplarının Zamansal İzlenmesi, 2013 - 2016

ÇETİN M., BERBEROĞLU S., İBRİKÇİ H., Project Supported by Higher Education Institutions, Quantifying temporal changes of nitrate loads in intensively used agricultural landscapes of the semiarid Mediterranean Turkey, 2015 - 2015

İBRİKÇİ H., Project Supported by Higher Education Institutions, Bilimsel Etkinliklere Katılım Desteği; Temporal and spatial distribution of nitrate leaching in Mediterranean irrigated agricultural ecosystems, 2015 - 2015

İBRİKÇİ H., Project Supported by Higher Education Institutions, Çukurova Bölgesi Akarsu Sulama Havzasında Kuyu Suları

Nitrat Konsantrasyonlarının Zamansal Değişimleri, 2011 - 2015

İBRİKÇİ H., Project Supported by Higher Education Institutions, Çukurova Bölgesinde Drenaj Sularında Nitrat Konsantrasyonlarının Zamansal Değişimi, 2012 - 2014

## Activities in Scientific Journals

Euroasian Journal of Soil Science, Committee Member, 2013 - Continues

Journal of Plant Nutrition, Committee Member, 2008 - Continues

Communications in Soil Science and Plant Analysis, Committee Member, 2008 - Continues

## Memberships / Tasks in Scientific Organizations

American Society of Agronomy, ASA, Member, 2008 - Continues

## Scientific Refereeing

Communications in Soil Science and Plant Analysis, SCI Journal, November 2015

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## Scientific Consultations

Tarım ve Hayvancılık Bakanlığı, Other, Cukurova University, Ziraat Fakültesi, Toprak, Turkey, 2014 - 2014

## Metrics

Publication: 147

Citation (WoS): 517

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Goehmann H., Fink M., Çetin M., Ibrikçi H., Karnez E., Berberoğlu S., "Distributive Modelling Of Hydrological Dynamics In The Lower Seyhan Plain - Application In The Akarsu Irrigation District", European Water Resources Association, 9th World Congress, Water Resources Management in a Changing World: Challenges and Opportunities, İSTANBUL, TÜRKİYE, 10-13 Haziran 2015, pp.167-167, Attendee, Turkey, 2015

İbrikçi H., Çetin M., Berberoglu S., Sagir H., Karnez E., Nagano T., et al., "Irrigation-Induced Groundwater Nitrate Pollution In Mediterranean Agriculture", European Water Resource Association, 9th World Congress, Water Resource Management in a Changing World: Challenges and Opportunities, İSTANBUL, TÜRKİYE, 10-13 Haziran 2015, pp.251-251, Attendee, --Seçiniz--, Turkey, 2015

Cetin, M., Ibrikci, H., Berberoglu, S., Sagir, H., Karnez, E., Nagano, T., Fink, M., Goehmann, H., and Kubota, J. 2015. Sustainability of agricultural water management in large scale irrigation scheme: A case study in Turkey. 9th World Congress of EWRA, Water Resource Management in Changing World: Challenges and Opportunities. İstanbul, Turkey, 10-13 June, 2015. Page: 313., Attendee, Turkey, 2015

## Non Academic Experience

Cornell University, ABD

Baylor College of Medicine, ABD

University of Florida, ABD

University of Arkansas, ABD

Other Public Institution, Tarım Bakanlığı

Tarım Bakanlığı