

## Prof. ZEKİ GÖKALP



### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 132786



### Education Information

Post Doctorate, University of Nebraska-Lincoln, Engineering Faculty, Civil and Environmental Engineering, United States Of America 2022 - 2023

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama Anabilimdalı, Turkey 1999 - 2006

Postgraduate, Iowa State University, Engineering Faculty, Agricultural And Biosystems Engineering Department, United States Of America 1995 - 1998

Undergraduate, Ankara University, Ziraat Fakültesi, Tarımsal Yapılar Ve Sulama Bölümü, Turkey 1989 - 1993

### Foreign Languages

English, C2 Mastery

### Certificates, Courses and Trainings

Foreign Language, Intensive English Language Program, Creighton University, 1995

Foreign Language, İngilizce Hazırlık, Orta Doğu Teknik Üniversitesi, 1994

Foreign Language, İngilizce Hazırlık, Ankara Üniversitesi, 1993

### Dissertations

Doctorate, Göletlerde kil çekirdeğin mühendislik özelliklerinin iyileştirilmesi, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama, 2006

Postgraduate, Analysis of bending stresses on hizontally corrugated steel silo wall panels, Iowa State University, Graduate School, Agricultural And Biosystems Engineering, 1998

### Research Areas

Agricultural Sciences, Agriculture, Farm Structures and Irrigation, Irrigation, Water Resources Development, Water Conservation, Technical Sciences, Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Civil Engineering, Geotechnical, Soil Mechanics, Hydraulic, Water Resources Planning and Management

## Academic Titles / Tasks

Professor, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2019 - Continues  
Associate Professor, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2012 - 2019  
Assistant Professor, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2006 - 2012  
Research Assistant, Ankara University, Ziraat Fakültesi, Tarımsal Yapılar Ve Sulama Bölümü, 1999 - 2006  
Research Assistant, Tokat Gaziosmanpaşa University, Faculty Of Agriculture, 1998 - 1999  
Researcher, Iowa State University, Agricultural Faculty, Agricultural and Biosystems Engineering, 1995 - 1998

## Academic and Administrative Experience

Head of Department, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2019 - Continues  
Erciyes University, 2019 - Continues  
Erciyes University, 2010 - Continues  
Erciyes University, 2011 - 2015  
Erciyes Üniversitesi, Ziraat Fakültesi, 2008 - 2013  
Erciyes Üniversitesi, Ziraat Fakültesi, 2009 - 2012  
Erciyes University, 2009 - 2012  
Erciyes University, 2008 - 2011  
Erciyes University, 2008 - 2011  
Erciyes Üniversitesi, Ziraat Fakültesi, Biyosistem Mühendisliği, 2007 - 2010

## Courses

AGRICULTURAL WASTE MANAGEMENT, Postgraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016  
SPECIAL FIELD COURSE 4, Doctorate, 2018 - 2019  
THESIS STUDIES 4, Doctorate, 2018 - 2019  
TARIMSAL YAPILARDA ÇEVRE DENETİMİ, Doctorate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
TEZ ÇALIŞMASI 2, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015  
MESLEKİ YABANCI DİL IV, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
TARIMSAL YAPILAR VE SULAMA, Undergraduate, 2018 - 2019, 2014 - 2015  
MESLEKİ YABANCI DİL II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
MESLEKİ YABANCI DİL VI, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
DOĞAL ARITMA SİSTEMLERİ, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014  
MESLEKİ UYGULAMA, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
MALZEME BİLGİSİ, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
UZMANLIK ALAN DERSİ 2, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015  
BİTİRME ÇALIŞMASI, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Biosystems Engineering, Undergraduate, 2018 - 2019, 2016 - 2017  
MESLEKİ YABANCI DİL V, Undergraduate, 2018 - 2019, 2017 - 2018  
THESIS STUDIES 3, Doctorate, 2018 - 2019  
ÖLÇME BİLGİSİ, Undergraduate, 2017 - 2018, 2010 - 2011  
UZMANLIK ALAN DERSİ 1, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
ÖLÇME BİLGİSİ, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2010 - 2011, 2009 - 2010  
THESIS STUDIES 2, Doctorate, 2017 - 2018  
BİTİRME ÇALIŞMASI, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Biosystems Engineering, Undergraduate, 2018 - 2019, 2016 - 2017

SU KAYNAKLARI VE KİRLİLİĞİ, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

WATER RESOURCES AND POLLUTION, Doctorate, 2018 - 2019, 2017 - 2018

MESLEKİ YABANCI DİL 2, Undergraduate, 2017 - 2018, 2010 - 2011

TEZ ÇALIŞMASI 1, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ÖLÇME BİLGİSİ, Undergraduate, 2017 - 2018, 2016 - 2017, 2010 - 2011, 2009 - 2010

GÜBRE İDARESİ VE ATIK YÖNETİMİ, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

SPECIAL FIELD COURSE 2, Doctorate, 2017 - 2018

SPECIAL FIELD COURSE 3, Doctorate, 2018 - 2019

SULAMA VE ÖLÇME BİLGİSİ, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012

MESLEKİ YABANCI DİL, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

TARIMSAL YAPILAR VE SULAMA, Undergraduate, 2018 - 2019, 2017 - 2018

MESLEKİ UYGULAMA, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

MESLEKİ YABANCI DİL, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

TARIMSAL YAPILAR, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

CONSTRUCTED WETLANDS (NATURAL TREATMENT SYSTEMS), Doctorate, 2017 - 2018, 2015 - 2016

SPECIAL TOPICS I, Postgraduate, 2016 - 2017

THESIS RESEARCH I, Postgraduate, 2016 - 2017

SPECIAL TOPICS I, Doctorate, 2017 - 2018

SPECIAL FIELD COURSE 2, Postgraduate, 2017 - 2018

RESEARCH METHODS AND PUBLICATION ETHICS, Postgraduate, 2017 - 2018

THESIS RESEARCH 1, Doctorate, 2017 - 2018

SULAMA VE ÖLÇME BİLGİSİ, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

THESIS RESEARCH 2, Postgraduate, 2017 - 2018

MESLEKİ YABANCI DİL 1, Undergraduate, 2017 - 2018, 2010 - 2011

Agricultural Irrigation and Drainage, Undergraduate, 2016 - 2017

MESLEKİ UYGULAMA, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

DRENAJ VE ARAZİ ISLAHI, Undergraduate, 2016 - 2017

RESEARCH METHODS AND PUBLICATION ETHICS, Doctorate, 2016 - 2017

MESLEKİ UYGULAMA, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

TARIMSAL YAPILAR VE SULAMA, Undergraduate, 2015 - 2016, 2014 - 2015, 2011 - 2012

CLIMATE CHANGE AND RURAL DEVELOPMENT, Doctorate, 2016 - 2017

TARIMSAL YAPILAR VE SULAMA, Undergraduate, 2015 - 2016, 2014 - 2015

YABANCI DİL 2, Undergraduate, 2013 - 2014

TEZ ÇALIŞMASI, Postgraduate, 2014 - 2015

UZMANLIK ALAN DERSİ, Postgraduate, 2014 - 2015

MESLEKİ UYGULAMA, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

MESLEKİ UYGULAMA, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

YABANCI DİL 1, Undergraduate, 2013 - 2014

MESLEKİ UYGULAMA, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011

TARIMSAL YAPILAR VE SULAMA, Undergraduate, 2012 - 2013

MESLEKİ İNGİLİZCE 2, Associate Degree, 2011 - 2012

TARIMSAL YAPILAR, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011

MÜHENDİSLİK MEKANIĞI, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010

MESLEKİ UYGULAMA, Undergraduate, 2011 - 2012, 2010 - 2011

MESLEKİ UYGULAMA, Undergraduate, 2011 - 2012, 2009 - 2010

ÖLÇME BİLGİSİ 1, Undergraduate, 2010 - 2011, 2009 - 2010

MESLEKİ UYGULAMA, Undergraduate, 2011 - 2012, 2009 - 2010

MALZEME BİLGİSİ, Undergraduate, 2011 - 2012, 2010 - 2011  
METEOROLOJİ, Undergraduate, 2009 - 2010  
METEOROLOJİ, Undergraduate, 2009 - 2010  
İKLİM BİLGİSİ, Associate Degree, 2009 - 2010  
İKLİM BİLGİSİ, Associate Degree, 2009 - 2010  
METEOROLOJİ, Undergraduate, 2009 - 2010

## Advising Theses

Gökalp Z., Kum-pumis karışımlarının atık sulardan fosfor giderim performansı, Postgraduate, E.EMRAH(Student), 2019  
Gökalp Z., Zeolit-Pumis karışımlarının atık sulardan fosfor giderim performansı, Postgraduate, F.AKÇAKOCA(Student), 2019  
Gökalp Z., Kum – zeolit karışımlarının atık sulardan fosfor giderim performansı, Postgraduate, Ü.KÖSE(Student), 2019  
Gökalp Z., INTERACTIONS BETWEEN CLIMATE CHANGE AND PADDY PRODUCTION AND ITS IMPACTS ON RURAL DEVELOPMENT IN IRAQ, Doctorate, J.HASSAN(Student), 2019  
Gökalp Z., FARMER'S ADAPTATION OF MODERN IRRIGATION TECHNIQUES IN IRAQ, Doctorate, W.SABBAR(Student), 2019  
Gökalp Z., YAPAY SULAK ALANLARDA PERFORMANS DEĞERLENDİRMESİ: KAYSERİ SALUR ÖRNEĞİ, Postgraduate, F.ÖMER(Student), 2018  
Gökalp Z., WATER QUALITY ASSESSMENT OF HESHKARO STREAM IN DUHOK CITY, IRAQ, Postgraduate, D.MOHAMMED(Student), 2018  
Gökalp Z., DOĞAL ARITMA SİSTEMLERİNDE (YAPAY SULAK ALANLARDA) PERFORMANS DEĞERLENDİRMESİ, Postgraduate, M.DUYGULU(Student), 2016

## Jury Memberships

Doctorate, Doctorate, Ondokuz Mayıs Üniversitesi, July, 2024  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, June, 2024  
Doctoral Examination, Doctoral Examination, Selçuk Üniversitesi, April, 2024  
Doctoral Examination, Doctoral Examination, Selçuk Üniversitesi, April, 2024  
Doctorate, Doctorate, Selçuk Üniversitesi, March, 2024  
Post Graduate, Post Graduate, Selçuk Üniversitesi, March, 2024  
Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2024  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, December, 2023  
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2021  
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2021  
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2021  
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2021  
Post Graduate, Post Graduate, Selçuk Üniversitesi, October, 2021  
Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, August, 2021  
Post Graduate, Post Graduate, Mersin Üniversitesi, August, 2021  
Post Graduate, Post Graduate, Erciyes Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, July, 2021  
Doctoral Examination, Doctoral Examination, Selçuk Üniversitesi, June, 2021  
Doctoral Examination, Doctoral Examination, Selçuk Üniversitesi, June, 2021  
Post Graduate, Post Graduate, Erciyes Üniversitesi, June, 2021  
Doctorate, Doctorate, Selçuk Üniversitesi, June, 2021

Doctorate, Doctorate, Selçuk Üniversitesi, June, 2020  
Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2020  
Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2020  
Post Graduate, Post Graduate, Erciyes Üniversitesi, July, 2019  
Post Graduate, Tez Savunma Jürisi, SELÇUK ÜNİVERSİTESİ, January, 2018  
Post Graduate, Tez Savunması, SELÇUK ÜNİVERSİTESİ, January, 2018  
Post Graduate, YÜKSEK LİSANS TEZ SAVUNMASI, GAZİOSMANPAŞA ÜNİVERSİTESİ, November, 2017  
Doctoral Examination, Doktora Yeterlilik Sınavı, ONDOKUZ MAYIS ÜNİVERSİTESİ, November, 2017  
Post Graduate, Tez Savunması, ERCİYES ÜNİVERSİTESİ, September, 2017  
Post Graduate, TEZ SAVUNMA JÜRİSİ, SELÇUK ÜNİVERSİTESİ, May, 2017  
Post Graduate, Tez Savunması, SELÇUK ÜNİVERSİTESİ, October, 2016  
Post Graduate, Tez Savunması, SELÇUK ÜNİVERSİTESİ, June, 2016  
Post Graduate, Tez Savunması, GAZİOSMANPAŞA ÜNİVERSİTESİ, January, 2016  
Post Graduate, Tez Savunması, ANKARA ÜNİVERSİTESİ, January, 2016  
Post Graduate, TEZ SAVUNMA JÜRİSİ, ANKARA ÜNİVERSİTESİ, January, 2014  
Doctorate, TEZ SAVUNMA JÜRİSİ, ANKARA ÜNİVERSİTESİ, November, 2013  
Post Graduate, TEZ SAVUNMA JÜRİSİ, ANKARA ÜNİVERSİTESİ, July, 2012  
Post Graduate, TEZ SAVUNMA JÜRİSİ, ANKARA ÜNİVERSİTESİ, June, 2012  
Competition, MESLEK LİSELERİ PROJE TABANLI BECERİ YARIŞMASI, MİLLİ EĞİTİM BAKANLIĞI, May, 2009

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Herbage yield and biochemical characterization of fenugreek (*Trigonella foenum-graecum* L.) under different irrigation levels**  
KAPLAN M., Kaymaz E., VAROL İ. S., Ciftci B., GÖKALP Z.  
INDUSTRIAL CROPS AND PRODUCTS, vol.210, 2024 (SCI-Expanded)
- II. **Impacts of Climate Change of Paddy Farming in Four Iraqi Rural Communities: The Case of Al Najaf, Al Qadisiyah, Al Muthanna and Thi Qar**  
GÖKALP Z., Humaidy J. H.  
GESUNDE PFLANZEN, vol.75, no.4, pp.971-978, 2023 (SCI-Expanded)
- III. **Economic study to measure the efficiency of irrigation systems (wheat crop in anbar governorate as a model.**  
Jassam Z. A., Sönmez O., Eskander H. A., Gökalp Z.  
ANNALS OF FOREST RESEARCH, vol.66, no.1, pp.1-15, 2023 (SCI-Expanded)
- IV. **Spatial distribution and health risk assessment for heavy metals of the soils around coal-fired power plants of northwest Turkey**  
PARLAK M., Taş İ., Görgişen C., GÖKALP Z.  
International Journal of Environmental Analytical Chemistry, 2023 (SCI-Expanded)
- V. **Zeolite and pumice-amended mixtures to improve phosphorus removal efficiency of substrate materials from wastewaters**  
Uzun O., Gökalp Z., İrik H. A., Varol İ. S., Kanarya F. O.  
JOURNAL OF CLEANER PRODUCTION, vol.317, 2021 (SCI-Expanded)
- VI. **Assessment of heavy metal pollution in Heshkaro stream of Duhok city, Iraq**  
Gökalp Z., Mohammed D.  
JOURNAL OF CLEANER PRODUCTION, vol.237, 2019 (SCI-Expanded)
- VII. **HEAVY METAL, NITROGEN AND PHOSPHORUS ADSORPTION OF COMPACTED LINER MIXTURES**  
GÖKALP Z., TAŞ İ., UZUN O., KAPLAN S., BAŞARAN M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.2, pp.765-770, 2018 (SCI-Expanded)
- VIII. **PERFORMANCE ASSESSMENT FOR NATURAL WASTEWATER TREATMENT SYSTEMS (CONSTRUCTED WETLAND SYSTEMS)**

- Gokalpi Z., Duygulu M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.799-806, 2018 (SCI-Expanded)
- IX. **Soil characteristics of soybean fields as effected by compaction, irrigation and fertilization**  
Kirnak H., GÖKALP Z., DOĞAN E., Çopur O.  
LEGUME RESEARCH, vol.40, no.4, pp.691-697, 2017 (SCI-Expanded)
- X. **Effects of irrigation, soil compaction and fertilization treatments on physiological - vegetative characteristics and root development of soybean**  
KIRNAK H., GÖKALP Z., Dogan E., Copur O.  
LEGUME RESEARCH, vol.39, no.1, pp.52-60, 2016 (SCI-Expanded)
- XI. **Paprika Pepper Yield and Quality as Affected by Different Irrigation Levels**  
Kirnak H., Gökalp Z., Demir H., Kodal S., Yıldırım Y. E.  
TARIM BİLİMLERİ DERGİSİ-JOURNAL OF AGRICULTURAL SCIENCES, vol.22, no.1, pp.77-88, 2016 (SCI-Expanded)
- XII. **Common Failures of the Natural Wastewater Treatment Systems (Constructed Wetlands) of Kayseri, Turkey**  
GÖKALP Z., UZUN O., Calis Y.  
EKOLOJİ, vol.23, no.92, pp.38-44, 2014 (SCI-Expanded)
- XIII. **Irrigation and Yield Parameters of Soybean as Effected by Irrigation Management, Soil Compaction and Nitrogen Fertilization**  
Kirnak H., DOĞAN E., Copur O., GÖKALP Z.  
TARIM BİLİMLERİ DERGİSİ-JOURNAL OF AGRICULTURAL SCIENCES, vol.19, no.4, pp.297-309, 2013 (SCI-Expanded)
- XIV. **Compaction and swelling characteristics of sand-bentonite and pumice-bentonite mixtures**  
Gökalp Z., BAŞARAN M., Uzun O.  
CLAY MINERALS, vol.46, no.3, pp.449-459, 2011 (SCI-Expanded)
- XV. **Wastewater use in irrigation - Ankara case study**  
GÖKALP Z., Tas I., Ozkay F., Akgul S.  
AFRICAN JOURNAL OF AGRICULTURAL RESEARCH, vol.6, no.7, pp.1807-1812, 2011 (SCI-Expanded)
- XVI. **İklim Değişikliği ve Etkin Su Kullanımı**  
Çakmak B., Gökalp Z.  
Tarım Bilimleri Araştırma Dergisi, vol.4, no.1, pp.87-95, 2011 (SCI-Expanded)
- XVII. **Effects of evapotranspiration and soil salinity on some growth parameters and yield of lettuce (*Lactuca saliva* var. *crispa*)**  
Cemek B., ÜNLÜKARA A., Karaman S., GÖKALP Z.  
ZEMDIRBYSTE-AGRICULTURE, vol.98, no.2, pp.139-148, 2011 (SCI-Expanded)
- XVIII. **Spatial analysis of some physical soil properties in a saline and alkaline grassland soil of Kayseri, Turkey**  
Gökalp Z., BAŞARAN M., Uzun O., Serin Y.  
AFRICAN JOURNAL OF AGRICULTURAL RESEARCH, vol.5, no.10, pp.1127-1137, 2010 (SCI-Expanded)
- XIX. **ASSESSMENT OF THE IRRIGATION PERFORMANCE OF TRANSFERRED SCHEMES IN TURKEY: A CASE STUDY ANALYSIS**  
Cakmak B., Kibaroglu A., Kendirli B., Gokalp Z.  
IRRIGATION AND DRAINAGE, vol.59, no.2, pp.138-149, 2010 (SCI-Expanded)
- XX. **Evaluation of water resources management in Turkey**  
AKÜZÜM T., ÇAKMAK B., GÖKALP Z.  
Tarım Bilimleri Dergisi-Journal Of Agricultural Sciences, vol.3, no.1, pp.67-74, 2010 (SCI-Expanded)
- XXI. **Engineering characteristics of sand-clay mixtures used for clay cores of earth-fill dams**  
Gokalp Z.  
CLAY MINERALS, vol.44, no.3, pp.319-326, 2009 (SCI-Expanded)
- XXII. **Analysis of climate factors for the development of greenhouses in Eastern Blacksea Region**  
Kendirli B., Cakmak B., Goekalp Z.  
BUILDING AND ENVIRONMENT, vol.42, no.12, pp.4072-4078, 2007 (SCI-Expanded)

- XXIII. **Assessment of water quality management in Turkey**  
Kendirli B., Cakmak B., Gokalp Z.  
WATER INTERNATIONAL, vol.30, no.4, pp.446-455, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Determination of effective irrigation intervals in the center pivot sprinkler system for maize (*Zea mays L.*) varieties**  
Al-Azzawi R. M. M., Ilbas A. I., Abdulhamed Z. A., Gokalp Z.  
MOJ Ecology & Environmental Sciences, vol.8, no.4, pp.163-169, 2023 (Peer-Reviewed Journal)
- II. **EVALUATION OF GGE OF DIFFERENT PROCESS FOR DRYING ORANGE SLICES**  
Gokalp Z., Çetin N.  
Current Trends in Natural Sciences, vol.11, no.21, pp.170-175, 2022 (Peer-Reviewed Journal)
- III. **POTENTIAL USE OF BIOCHAR IN WASTEWATER TREATMENT OPERATIONS AND SOIL IMPROVEMENT**  
Gokalp Z., Bulut S.  
Current Trends in Natural Sciences, vol.11, no.21, pp.161-169, 2022 (Peer-Reviewed Journal)
- IV. **ECONOMIC ANALYSIS OF PADDY PRODUCTION WITH DRIP IRRIGATION: CASE STUDY OF DARDANELLES-TURKEY**  
Taş İ., Coşkun Y., Akçura M., Kaplan M., Gokalp Z.  
Current Trends in Natural Sciences, vol.11, no.21, pp.455-473, 2022 (Peer-Reviewed Journal)
- V. **AGRICULTURE AND ENVIRONMENT INTERACTION**  
Bulut S., Gokalp Z.  
Current Trends in Natural Sciences, vol.11, no.21, pp.372-380, 2022 (Peer-Reviewed Journal)
- VI. **PERFORMANCE ASSESSMENT FOR CONSTRUCTED WETLANDS OF KAYSERI PROVINCE OF TURKEY**  
Gokalp Z., Kanarya F. Ö.  
Current Trends in Natural Sciences, vol.7, no.14, pp.81-87, 2018 (Peer-Reviewed Journal)
- VII. **CONSTRUCTED WETLAND TECHNOLOGY FOR DOMESTIC WASTEWATER TREATMENT**  
Gokalp Z., Taş İ.  
Current Trends in Natural Sciences, vol.7, no.14, pp.245-250, 2018 (Peer-Reviewed Journal)
- VIII. **DETERMINATION OF SPATIAL VARIATION OF REFERENCE EVAPOTRANSPIRATION CASE STUDY OF SEYHAN BASIN**  
Taş İ., Yıldırım Y. E., Akşit C., Özyaydın A., Gokalp Z.  
Current Trends in Natural Sciences, vol.7, no.14, pp.251-259, 2018 (Peer-Reviewed Journal)
- IX. **DIFFERENT SUBSTRATE MATERIALS FOR PHOSPHORUS REMOVAL FROM WASTEWATERS IN CONSTRUCTED WETLANDS**  
Gokalp Z., Taş İ.  
Current Trends in Natural Sciences, vol.7, no.14, pp.69-75, 2018 (Peer-Reviewed Journal)
- X. **LAND CONSOLIDATION PRACTICES IN TURKEY**  
Karaman S., Gokalp Z.  
Current Trends in Natural Sciences, vol.7, no.14, pp.76-80, 2018 (Peer-Reviewed Journal)
- XI. **RURAL SETTLEMENTS IN TURKEY (CURRENT STATUS – PROBLEMS – SOLUTIONS)**  
Karaman S., Gokalp Z.  
Current Trends in Natural Sciences, vol.7, no.14, pp.88-92, 2018 (Peer-Reviewed Journal)
- XII. **A Novel Liner Desing to Prevent Groundwater Pollution**  
Gokalp Z., Taş İ., Uzun O., Şahan S., Kaplan S., Başaran M.  
Journal of Agriculture Faculty of Gaziosmanpasa University, vol.34, pp.122-131, 2017 (Peer-Reviewed Journal)
- XIII. **INDOOR AIR QUALITY IN ANIMAL HOUSING SYSTEMS (GAS, ODOR AND DUST)**  
Karaman S., Gokalp Z.  
Current Trends in Natural Sciences, vol.6, no.12, pp.267-271, 2017 (Peer-Reviewed Journal)
- XIV. **CRITICAL DESIGN PARAMETERS FOR CONSTRUCTED WETLANDS NATURAL WASTEWATER**

## **TREATMENT SYSTEMS**

Gökalp Z., Karaman S.

Current Trends in Natural Sciences , vol.6, no.12, pp.156-164, 2017 (Peer-Reviewed Journal)

- XV. **GEOTHERMAL GREENHOUSING IN TURKEY**  
Karaman S., Gökalp Z., Kırnak H., Taş İ.  
Current Trends in Natural Sciences, vol.5, no.9, pp.158-163, 2016 (Peer-Reviewed Journal)
- XVI. **AGRICULTURAL WATER MANAGEMENT IN TURKEY: PAST-PRESENT-FUTURE**  
Gökalp Z., Çakmak B.  
Current Trends in Natural Sciences, vol.5, no.9, pp.133-138, 2016 (Peer-Reviewed Journal)
- XVII. **EFFECTS OF IRRIGATION WATER QUALITY (DIFFERENT SALINITY LEVELS AND BORON CONCENTRATIONS) ON MORPHOLOGICAL CHARACTERISTICS OF GRAFTED AND NON-GRAFTED EGGPLANTS**  
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- LXXVII. **Dünyada ve Türkiye'de Suyun Fiyatlandırılması**  
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- LXXVIII. **Atıksu Arıtmada Ters Osmoz Sistemlerinin Kullanılması**  
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- LXXXI. **Su Kaynaklarının Geliştirme ve Kullanımı**  
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- LXXXII. **Beyşehir Gölü Havzasında Kirlilik Kaynakları ve Kirliliğin Değerlendirilmesi**  
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I. Yeraltı Suları Ulusal Sempozyumu, Konya, Turkey, 23 - 24 December 2004, pp.275-285
- LXXXIII. **Dünyada Su ve Yaklaşan Su Krizi**  
Aküzüm T., Çakmak B., Gökalp Z.  
2. Ulusal Sulama Kongresi, Aydın, Turkey, 16 - 19 October 2003, pp.145-155

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- GÖKALP Z., BERKKAN K., Project Supported by Higher Education Institutions, Kum Biyokömür Çeltik Kavuzunun Atık Sulardan Azot ve Fosfor Giderim Etkinliğinin Belirlenmesi, 2021 - Continues
- GÖKALP Z., KESKİN S. S., Project Supported by Higher Education Institutions, Kum Biyokömür ve Pumis Karışımlarının Atık Sulardan Azot ve Fosfor Giderim Etkinliğinin Belirlenmesi, 2021 - Continues
- GÖKALP Z., TİMOÇİN M. A., Project Supported by Higher Education Institutions, Kum Biyokömür ve Zeolit Atık Sulardan Azot ve Fosfor Giderim Etkinliğinin Belirlenmesi, 2021 - Continues
- GÖKALP Z., BAŞARAN M., TAŞ İ., TUBITAK Project, Kayseri Yöresine Ait Pümisin Yeraltı Su Kirliliğini Önleyici Bariyer Malzemesi Olarak Kullanılma Olanaklarının Araştırılması, 2012 - Continues
- SÖNMEZ O., GÖKALP Z., ABDİRAHİM A. M., Project Supported by Higher Education Institutions, Kum, Bentonit ve Biyokömür'ün Atık Sulardan Azot ve Fosfor Giderim Performansının Belirlenmesi, 2022 - 2023
- İRİK H. A., GÖKALP Z., ATICI G., Project Supported by Higher Education Institutions, ZEOLİT VE TALAŞIN ATIK SULARDA BULUNAN AZOT VE FOSFOR GİDERİM PERFORMANSININ BELİRLENMESİ, 2021 - 2023
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- İRİK H. A., GÖKALP Z., GÜÇKAN G. N., Project Supported by Higher Education Institutions, Vermikülit - Zeolit Karışımlarının Atık Sulardan Fosfor ve Azot Giderim Performansının Değerlendirilmesi, 2021 - 2023
- GÖKALP Z., KANARYA F. Ö., Project Supported by Higher Education Institutions, Farklı Filtre Malzemelerinin Evsel Atık Sulardan Besin Elementi ve Ağır Metal Giderim Performansı, 2020 - 2023
- GÖKALP Z., KAPLAN M., KARAMAN K., TAŞ İ., AKÇURA M., AKÇURA S., COŞKUN Y., KARDEŞ Y. M., Project Supported by Higher Education Institutions, Farklı sulama aralığı ve seviyesinin bazı çeltik çeşitlerinde besinsel özelliklere etkisi, 2021 - 2021
- GÖKALP Z., KANARYA F. Ö., VAROL I. S., UZUN O., İRİK H. A., Project Supported by Higher Education Institutions, Farklı Filtre Malzemelerinin Atık Sulardan Fosfor Giderim Etkinliğinin Belirlenmesi, 2017 - 2019
- GÖKALP Z., KAPLAN M., Project Supported by Higher Education Institutions, Vejetasyon Döneminin Erciyes Korungasının (Onobryhis argaea) Besinsel Özellikler Üzerine Etkisi, 2017 - 2018
- KAPLAN M., YILMAZ S., TEMİZGÜL R., GÖKALP Z., Project Supported by Higher Education Institutions, Tuz stresinin sorgum hat ve çeşitlerin antioksidan enzim aktivitesi üzerine etkileri, 2014 - 2016
- KIRNAK H., YILMAZ K. U., GÖKALP Z., Project Supported by Higher Education Institutions, Bitkisel Üretim Araştırma Alanları Sulama Alt Yapı Projesi, 2013 - 2015
- GÖKALP Z., BAŞARAN M., UZUN O., MIHÇIOKUR H., Project Supported by Higher Education Institutions, Kayseri İli doğal arıtma sistemlerinin (yapay sulak alanların) performansının değerlendirilmesi, 2012 - 2015
- GÖKALP Z., BAŞARAN M., UZUN O., Project Supported by Higher Education Institutions, ZARARLI ATIK DEPOLAMA SAHALARI VE YAPAY SULAK ALAN HAVUZLARINDA GEÇİRİMSİZ BARIYER TEŞKİL ETMEK AMACIYLA KUM-BENTONİT

## Activities in Scientific Journals

Erciyes Tarım ve Hayvan Bilimleri Dergisi, Foreign Language Redactor, 2018 - Continues  
Turkish Journal of Agriculture - Food Science and Technology, Committee Member, 2013 - Continues

## Scientific Refereeing

ENVIRONMENTAL AND EXPERIMENTAL BOTANY AN INTERNATIONAL JOURNAL, SCI Journal, April 2024  
Türk Tarım ve doğa bilimleri dergisi, Other journals, March 2024  
Türk Tarım ve doğa bilimleri dergisi, Other Indexed Journal, March 2024  
Kahramanmaraş Sütçü İmam Üniversitesi Tarım ve doğa dergisi, Other Indexed Journal, April 2019  
Mediterranean Agricultural Sciences, Other Indexed Journal, April 2019  
Türk Tarım ve Doğa Bilimleri Dergisi, National Scientific Refreed Journal, February 2019  
Erciyes Tarım ve hayvan bilimleri dergisi, Other journals, December 2018  
ÇOMÜ ZİRAAT FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, June 2018  
Project Supported by Higher Education Institutions, BAP MSc, Erciyes University, Turkey, April 2018  
Project Supported by Higher Education Institutions, BAP PhD, Erciyes University, Turkey, February 2018  
Project Supported by Higher Education Institutions, BAP Research Project, Hatay Mustafa Kemal University, Turkey, February 2018  
ATATÜRK ÜNİVERSİTESİ ZİRAAT FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, January 2018  
TUBITAK Project, 1002 - Quick Support Program, Erciyes University, Turkey, January 2018  
ÇOMÜ ZİRAAT FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, November 2017  
Project Supported by Higher Education Institutions, BAP Research Project, Hatay Mustafa Kemal University, Turkey, November 2017  
Türk Tarım ve Doğa Bilimleri Dergisi, National Scientific Refreed Journal, July 2017  
TUBITAK Project, 1002 - Quick Support Program, Erciyes University, Turkey, July 2017  
Project Supported by Higher Education Institutions, BAP MSc, Erciyes University, Turkey, April 2017  
Project Supported by Higher Education Institutions, BAP Research Project, Siirt University, Turkey, March 2017  
Project Supported by Higher Education Institutions, BAP Other, Erciyes University, Turkey, January 2017  
Project Supported by Higher Education Institutions, BAP Guided, Erciyes University, Turkey, October 2015  
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Ankara Üniversitesi Tarım Bilimleri Dergisi, SCI Journal, August 2012  
Journal of African Studies and Development, Other Indexed Journal, August 2012  
International Journal of Water Resources and Environmental Engineering, Other Indexed Journal, August 2012  
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, National Scientific Refreed Journal, July 2012  
İğdır Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, May 2012  
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, National Scientific Refreed Journal, June 2011

## Tasks In Event Organizations

Gökalp Z., International Erciyes Agriculture, Animal & Food Sciences Conference, Scientific Congress, Kayseri, Turkey, Nisan 2019  
Gökalp Z., International Symposium Current Trends in Natural Sciences, Scientific Congress, Pitesti, Romania, Nisan 2019  
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Gökalp Z., 2. Ulusal Biyosistem Mühendisliği Kongresi, Scientific Congress, Tokat, Turkey, Temmuz 2017  
Gökalp Z., Sulak Alanlar Konferansı, Scientific Congress, Kayseri, Turkey, Temmuz 2008



## Metrics

Publication: 144

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H-Index (Scopus): 7

## Congress and Symposium Activities

1st International Erciyes Agriculture, Animal & Food Sciences Conference, Working Group, Kayseri, Turkey, 2019

Current Trends in Natural Sciences International Symposium, Working Group, Pitesti, Romania, 2019

İĞDIR INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES, Working Group, Iğdır, Turkey, 2018

1st International Congress on Agricultural Structures and Irrigation, Working Group, Antalya, Turkey, 2018

Uluslararası Tarım Kongresi, Attendee, Comrat, Moldova, 2018

Current Trends in Natural Sciences International Symposium, Attendee, Pitesti, Romania, 2018

ULUSLARARASI SU VE ÇEVRE KONGRESİ, Working Group, Bursa, Turkey, 2018

3rd ASM INTERNATIONAL CONGRESS OF AGRICULTURE AND ENVIRONMENT, Working Group, Antalya, Turkey, 2017

2nd ASM International Workshop of Composting and Biogas Technologies, Attendee, Antalya, Turkey, 2017

2. Ulusal Biyosistem Mühendisliği Kongresi, Attendee, Tokat, Turkey, 2017

3rd International Conference on Engineering and Natural Sciences (ICENS), Attendee, Budapest, Hungary, 2017

Scientific Symposium on Current trends in Natural Sciences, Attendee, Pitesti, Romania, 2017

2. International Conference on Sustainable Development, Attendee, Skopje, Macedonia, 2016

Biosystems Engineering, Attendee, Tartu, Estonia, 2016

Scientific Symposium on Current Trends in Natural Sciences, Attendee, Pitesti, Romania, 2016

The Second International Symposium on Agriculture Engineering ISAE-2015, Attendee, Beograd, Serbia And Montenegro, 2015

2nd International Conference on Sustainable Agriculture and Environment 2015, Attendee, Konya, Turkey, 2015

1. Ulusal Biyosistem Mühendisliği Kongresi, Attendee, Bursa, Turkey, 2015

50th Croatian & 10th International Symposium on Agriculture, Attendee, Rijeka, Croatia, 2015

2. KOP Bölgesel Kalkınma Sempozyumu, Attendee, Niğde, Turkey, 2014

International Agriculture Congress 2014, Attendee, Bucuresti, Romania, 2014

12. Ulusal Kültürteknik Sempozyumu, Attendee, Tekirdağ, Turkey, 2014

Uluslararası Katılımlı Süt Sığırcılığı Sempozyumu, Attendee, Kayseri, Turkey, 2014

3. Ulusal Toprak ve Su Kaynakları Kongresi, Attendee, Tokat, Turkey, 2013

3. Ulusal Sulak Alanlar Kongresi, Attendee, Samsun, Turkey, 2013

3. Uluslararası Bursa Su Kongresi ve Sergisi, Attendee, Bursa, Turkey, 2013

2. Ulusal Sulama ve Tarımsal Yapılar Sempozyumu, Attendee, İzmir, Turkey, 2012

GAP 6. Tarım Kongresi, Attendee, Şanlıurfa, Turkey, 2011

Uluslararası Katılımlı 1. Ulusal Ali Numan Kırac Tarım Kongresi ve Fuarı, Attendee, Eskişehir, Turkey, 2011

1. Ulusal Su Kaynakları Yönetimi Sempozyumu, Attendee, Karaman, Turkey, 2010

Kümes Hayvanları Kongresi, Attendee, Kayseri, Turkey, 2010

1. Ulusal Sulama ve Tarımsal Yapılar Sempozyumu, Attendee, Kahramanmaraş, Turkey, 2010

Türkiye'nin İklim Değişikliğine Uyum Kapasitesinin Geliştirilmesi birleşmiş milletler Ortak Programı, Attendee, Adana, Turkey, 2009

5. Dünya Su Forumu, Attendee, İstanbul, Turkey, 2008

## Scholarships

Yurtdışı Yüksek Lisans Bursu, Ministry of Education, 1994 - 1998