

## **Prof. MUHARREM KESKİN**

### **Personal Information**

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### **International Researcher IDs**

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### **Education Information**

Doctorate, Clemson University, United States Of America 1998 - 2004

Postgraduate, Clemson University, United States Of America 1996 - 1998

Undergraduate, Cukurova University, Ziraat Fakültesi, Turkey 1989 - 1993

### **Foreign Languages**

English

### **Dissertations**

Doctorate, Developing Reflectance Based Optical Sensor Systems for the Assessment of Turfgrass Quality, Clemson University, 2004

Postgraduate, Attenuation of Different Types of Electromagnetic Radiation by Cotton Fiber as a Function of Mass, Clemson University, 1998

### **Academic Titles / Tasks**

Associate Professor, 2012 - Continues

Professor, Hatay Mustafa Kemal University, ZİRAAT FAKÜLTESİ, 2021 - 2021

Assistant Professor, 2004 - 2012

Research Assistant, Clemson University, 1996 - 2003

Research Assistant, Cukurova University, Ziraat Fakültesi, 1994 - 1996

### **Academic and Administrative Experience**

2010 - Continues

2007 - 2015

2008 - 2010

### **Courses**

Hassas Tarım Teknolojileri II, Undergraduate Double Major, 2014-2015, 2013-2014  
Hassas Tarım Teknolojileri, Undergraduate, 2014-2015, 2013-2014, 2012-2013  
Enstrumentasyon ve Kontrol, Undergraduate, 2014-2015, 2013-2014, 2012-2013  
Çok Değişkenli Veri Analizi, Undergraduate Double Major, 2014-2015  
Mühendislikte Mesleki İngilizce, Undergraduate Double Major, 2014-2015  
Akişkanlar Mekanığı, Undergraduate, 2014-2015, 2013-2014, 2012-2013, 2011-2012  
Bitkilerin Optik Özellikleri, Undergraduate Double Major, 2014-2015  
Temel Elektrik ve Elektronik, Undergraduate, 2014-2015, 2013-2014, 2012-2013  
Tarım Makinelerinde Mesleki İngilizce, Undergraduate Double Major, 2014-2015  
BSM Bilgisayar Programlama, Undergraduate Double Major, 2014-2015

## Advising Theses

KESKİN M., SOYSAL Y., Kurutulup toz haline getirilmiş organik siyah havuçta taşışın belirlenmesinde renk ve yakın kızılıtesi yansımıya verilerinin kullanılabilirliği, Doctorate, A.ARSLAN(Student), 2021  
KESKİN M., GNSS esaslı traktör otomatik dümenleme sistemlerinin ekimde ve ilaçlamada kullanım etkinliğinin belirlenmesi, Postgraduate, M.TOPÇUERİ(Student), 2019  
KESKİN M., Farklı veri güncelleme frekansına sahip gps hız sensörlerinin performansının belirlenmesi, Postgraduate, M.AKKAMİŞ(Student), 2018  
KESKİN M., Türkiye'de meydana gelen römork eklenmiş tek akslı traktör (patpat) kazalarının analizi, Postgraduate, A.ARSLAN(Student), 2017

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

- I. Comparison of total phenolic content in organic and conventional carrot under different drying conditions using non-destructive analysis techniques  
Arslan A., ÇELİKTAŞ N., SOYSAL Y., KESKİN M.  
Microchemical Journal, vol.208, 2025 (SCI-Expanded)
- II. Rapid and cost-effective assessment of nutrients in pistachio (*Pistacia vera L.*) leaves through Fourier transform near-infrared spectroscopy (FT-NIRS)  
ŞEKERLİ Y. E., Buyuk G., KESKİN M., ÇELİKTAŞ N.  
Journal of Plant Nutrition and Soil Science, vol.187, no.3, pp.367-374, 2024 (SCI-Expanded)
- III. Rapid and non-destructive detection of organic carrot powder adulteration using spectroscopic techniques  
Arslan A., KESKİN M., SOYSAL Y.  
Journal of Food Composition and Analysis, vol.123, 2023 (SCI-Expanded)
- IV. Comparative elucidation on the phenolic fingerprint, sugars and antioxidant activity of white, orange and purple-fleshed sweet potatoes (*Ipomoea batatas L.*) as affected by different cooking methods  
GÜCLÜ G., Dagli M. M., Ozge Aksay A., KESKİN M., Kelebek H., SELLİ S.  
Heliyon, vol.9, no.8, 2023 (SCI-Expanded)
- V. Changes in the aroma and key odorants from white garlic to black garlic using approaches of molecular sensory science: A review  
Kilic-Buyukkurt O., Kelebek H., Bordiga M., KESKİN M., SELLİ S.  
Heliyon, vol.9, no.8, 2023 (SCI-Expanded)
- VI. Feasibility of a chromameter and chemometric techniques to discriminate pure and mixed organic and conventional red pepper powders: A pilot study  
KESKİN M., Arslan A., SOYSAL Y., ŞEKERLİ Y. E., ÇELİKTAŞ N.  
Journal of Food Processing and Preservation, vol.46, no.6, 2022 (SCI-Expanded)
- VII. Comparative elucidation of colour, volatile and phenolic profiles of black carrot (*Daucus carota L.*)

- pomace and powders prepared by five different drying methods**  
POLAT S., GÜÇLÜ G., Kelebek H., KESKİN M., SELLİ S.  
Food Chemistry, vol.369, 2022 (SCI-Expanded)
- VIII. **Applied microwave power estimation of black carrot powders using spectroscopy combined with chemometrics**  
KESKİN M., SOYSAL Y., ÇELİKTAŞ N., ŞEKERLİ Y. E.  
Spectroscopy Letters, vol.55, no.5, pp.325-335, 2022 (SCI-Expanded)
- IX. **Comparative assessment of volatile and phenolic profiles of fresh black carrot (*Daucus carota L.*) and powders prepared by three drying methods**  
KESKİN M., GÜÇLÜ G., ŞEKERLİ Y. E., SOYSAL Y., SELLİ S., Kelebek H.  
Scientia Horticulturae, vol.287, 2021 (SCI-Expanded)
- X. **A low-cost prototype optical sensor to evaluate water, macro and micro elements of turfgrass clippings**  
ŞEKERLİ Y. E., KESKİN M., SOYSAL Y.  
Sensors and Actuators, A: Physical, vol.323, 2021 (SCI-Expanded)
- XI. **Testing of three sensor systems to predict water and nutrient contents of soccer field turfgrass clippings**  
ŞEKERLİ Y. E., KESKİN M., SOYSAL Y.  
Urban Forestry and Urban Greening, vol.59, 2021 (SCI-Expanded)
- XII. **Impact of production and drying methods on the volatile and phenolic characteristics of fresh and powdered sweet red peppers**  
GÜÇLÜ G., Keser D., Kelebek H., KESKİN M., Emre Sekerli Y. E., SOYSAL Y., SELLİ S.  
Food Chemistry, vol.338, 2021 (SCI-Expanded)
- XIII. **Appraisal of Three Proximal Sensing Systems to Estimate Macronutrient Contents of Detached Soybean Leaves**  
KESKİN M., SAY S. M., ŞEKERLİ Y. E., ŞEHİRİ M.  
Communications in Soil Science and Plant Analysis, vol.52, no.16, pp.1943-1953, 2021 (SCI-Expanded)
- XIV. **Comparison of a Low-cost Prototype Optical Sensor with Three Commercial Systems in Predicting Water and Nutrient Contents of Turfgrass: Prediction performance of low-cost optical sensor**  
ŞEKERLİ Y. E., KESKİN M., SOYSAL Y.  
Communications in Soil Science and Plant Analysis, vol.52, no.6, pp.586-600, 2021 (SCI-Expanded)
- XV. **Characterization of aroma and phenolic composition of carrot (*Daucus carota 'Nantes'*) powders obtained from intermittent microwave drying using GC-MS and LC-MS/MS**  
Keser D., GÜÇLÜ G., Kelebek H., KESKİN M., SOYSAL Y., ŞEKERLİ Y. E., Arslan A., SELLİ S.  
Food and Bioproducts Processing, vol.119, pp.350-359, 2020 (SCI-Expanded)
- XVI. **Effect of deficit irrigation on the estimation of cucumber leaf area under greenhouse conditions**  
BOZKURT S., KESKİN M.  
International Journal of Agriculture and Biology, vol.20, no.4, pp.877-882, 2018 (SCI-Expanded)
- XVII. **Influence of leaf water content on the prediction of nutrient stress in strawberry leaves using chromameter**  
KESKİN M., ŞEKERLİ Y. E., Gunduz K.  
International Journal of Agriculture and Biology, vol.20, no.9, pp.2103-2109, 2018 (SCI-Expanded)
- XVIII. **Performance of two low-cost GPS receivers for ground speed measurement under varying speed conditions**  
KESKİN M., ŞEKERLİ Y. E., Kahraman S.  
Precision Agriculture, vol.18, no.2, pp.264-277, 2017 (SCI-Expanded)
- XIX. **Utilization of color parameters to estimate moisture content and nutrient levels of peanut leaves**  
KESKİN M., KARANLIK S., Görücü Keskin S., SOYSAL Y.  
Turkish Journal of Agriculture and Forestry, vol.37, no.5, pp.604-612, 2013 (SCI-Expanded)
- XX. **Intermittent microwave-convective air drying of oregano**  
SOYSAL Y., ARSLAN M., KESKİN M.

- Food Science and Technology International, vol.15, no.4, pp.397-406, 2009 (SCI-Expanded)
- XXI. Düşük maliyetli bir GPS alıcısının Adana ilinde hassas uygulamalı tarımda kullanılabilirliğinin değerlendirilmesi**
- Keskin M., SAY S. M., KESKİN S. G.
- Turkish Journal of Agriculture and Forestry, vol.33, no.1, pp.79-88, 2009 (SCI-Expanded)
- XXII. Evaluation of a low-cost GPS receiver for precision agriculture use in adana province of Turkey**
- Düşük maliyetli bir GPS alıcısının adana ilinde hassas uygulamalı tarımda kullanılabilirliğinin değerlendirilmesi
- KESKİN M., SAY S. M., Görücü Keskin S.
- Turkish Journal of Agriculture and Forestry, vol.33, no.1, pp.79-88, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **An Investigation of the Chemical Composition of Bottom Sediments from Dried Lake Gavur of Turkiye by Using XRF and Multivariate Data Analysis**  
TOPUZ M., KESKİN M., Karabulut M., KARLIOĞLU KILIÇ N.  
Gazi University Journal of Science, vol.37, no.2, pp.793-811, 2024 (ESCI)
- II. **GNSS Esaslı Traktör Otomatik Dümenleme Sistemlerinin Ekim İşleminde Paralel Geçişlerde Sıra Arası Mesafe Düzgünlüğüne Etkisi**  
TOPÇUERİ M., KESKİN M., ŞEKERLİ Y. E.  
Journal of Tekirdag Agricultural Faculty, vol.21, no.1, pp.46-63, 2024 (ESCI)
- III. **Comparative Investigation of Drying and Quality Characteristics of Organic and Conventional Black Carrots Dried by Intermittent Microwave and Hot Air**  
Arslan A., SOYSAL Y., KESKİN M.  
Journal of Tekirdag Agricultural Faculty, vol.20, no.3, pp.591-604, 2023 (ESCI)
- IV. **Comparative Appraisal of Three Low-Cost GPS Speed Sensors with Different Data Update Frequencies**  
Akkamis M., KESKİN M., ŞEKERLİ Y. E.  
AgriEngineering, vol.3, no.2, pp.423-437, 2021 (ESCI)
- V. **Infrared drying kinetics and color qualities of organic and conventional sweet red peppers Organik ve Konvansiyonel Tatlı Kırmızı Biberlerin Kızılığesi Kurutma Kinetiği ve Renk Kalitesi**  
Arslan A., SOYSAL Y., KESKİN M.  
Journal of Tekirdag Agricultural Faculty, vol.18, no.2, pp.260-272, 2021 (ESCI)
- VI. **Comparing hot air drying kinetics and color quality of organic and conventional sweet red peppers**  
ARSLAN A., SOYSAL Y., KESKİN M.  
Mustafa Kemal Üniversitesi tarım bilimleri dergisi (online), vol.25, no.2, pp.271-283, 2020 (Peer-Reviewed Journal)
- VII. **Comparing a chromameter and a hand held NDVI meter to predict nitrogen and water content of turfgrass**  
KESKİN M., ÇAM Ç., ŞEKERLİ Y. E.  
Mustafa Kemal Üniversitesi tarım bilimleri dergisi (online), vol.25, no.1, pp.57-64, 2020 (Peer-Reviewed Journal)
- VIII. **Mathematical Modeling, Moisture Diffusion and Color Quality in Intermittent Microwave Drying of Organic and Conventional Sweet Red Peppers**  
Arslan A., SOYSAL Y., KESKİN M.  
AgriEngineering, vol.2, no.3, pp.393-407, 2020 (Scopus)
- IX. **Effectiveness of GNSS-based tractor auto steering systems in crop spraying**  
TOPÇUERİ M., KESKİN M.  
Mustafa Kemal Üniversitesi tarım bilimleri dergisi (online), vol.24, no.1, pp.78-90, 2019 (Peer-Reviewed Journal)
- X. **Assessment of applied microwave power of intermittent microwave-dried carrot powders from Colour and NIRS**  
KESKİN M., SOYSAL Y., ŞEKERLİ Y. E., ARSLAN A., ÇELİKTAŞ N.

- AGRONOMY RESEARCH, vol.17, no.2, pp.466-480, 2019 (Scopus)
- XI. **Trailer-Attached Two-Wheel Tractor (Patpat) Accidents on Roads in Turkey**  
 ARSLAN A., KESKİN M.  
 MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.23, no.2, pp.165-180, 2018  
 (Peer-Reviewed Journal)
- XII. **An Evaluation of Combine Harvester Accidents in Turkey**  
 KESKİN M., ŞEKERLİ Y. E.  
 MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.2, no.23, pp.137-147, 2018  
 (Peer-Reviewed Journal)
- XIII. **Farmers' Experiences with GNSS-Based Tractor Auto Guidance in Adana Province of Turkey**  
 KESKİN M., ŞEKERLİ Y. E., SAY S. M., TOPÇUERİ M.  
 Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.2, no.35, pp.172-181, 2018 (Peer-Reviewed Journal)
- XIV. **Causal Factors in Thresher Accidents in Turkey**  
 KESKİN M., ŞEKERLİ Y. E.  
 MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.1, no.23, pp.76-84, 2018  
 (Peer-Reviewed Journal)
- XV. **Analysis of On Road Farm Tractor Accidents in Hatay Province of Turkey from 2000 to 2015**  
 KESKİN M., ŞEKERLİ Y. E., ARSLAN A.  
 Journal of Agricultural Faculty of Uludag University, vol.30, pp.325-333, 2016 (Peer-Reviewed Journal)
- XVI. **Relationship between Water Content and Color Properties of Chlorotic and Non Chlorotic Detached Crop Leaves**  
 KESKİN M., ŞEKERLİ Y. E., GÜNDÜZ K.  
 Journal of Agricultural Faculty of Uludag University, vol.30, pp.319-324, 2016 (Peer-Reviewed Journal)
- XVII. **Awareness and adoption of precision agriculture in the Cukurova region of Turkey**  
 KESKİN M., ŞEKERLİ Y. E.  
 Agronomy Research, vol.14, no.4, pp.1307-1320, 2016 (Scopus)
- XVIII. **Yükseköğretimde Uluslararasılaşma ve Etkileri**  
 KESKİN M.  
 Yükseköğretim Sistemine Bakışımız, vol.1, no.1, pp.519-535, 2014 (Peer-Reviewed Journal)
- XIX. **Assessing farm tractor incidents and awareness levels of operators for tractor safety issues in the Hatay province of Turkey**  
 Görücü Keskin S., KESKİN M., SOYSAL Y.  
 Journal of Agricultural Safety and Health, vol.18, no.2, pp.113-128, 2012 (Scopus)

## Books & Book Chapters

- I. **Hassas Uygulamalı Tarım Teknolojisi ve Toprak Amenajmanındaki Uygulamaları**  
 KESKİN M., GÖRÜCÜ KESKİN S.  
 in: Toprak Amenajmanı, Erşahin Sabit, Öztaş Taşkın, Namli Ayten, Karahan Gülay, Editor, Gazi Kitapevi, pp.569-622, 2015
- II. **Hassas Uygulamalı Tarım Teknolojisi**  
 KİRİŞÇİ V., KESKİN M., SAY S. M., GÖRÜCÜ S.  
 Nobel, Adana, 1999
- III. **Biçerdöverlerin Testine Yönelik Çalışmaların Değerlendirilmesi**  
 KESKİN M., SOYSAL Y., SESSİZ A., İNCE A., GÜZEL E.  
 Çukurova Üniversitesi Ziraat Fakültesi Tarım Makinaları Bölümü, Adana, Adana, 1995

## Refereed Congress / Symposium Publications in Proceedings

- I. **Feasibility of a chromameter and chemometric techniques to discriminate pure and mixed organic and conventional red pepper powders: A pilot study**  
KESKİN M., ARSLAN A., SOYSAL Y., ŞEKERLİ Y. E., ÇELİKTAŞ N.  
2ND INTERNATIONAL CONFERENCE ON RAW MATERIALS TO PROCESSED FOODS, Adana, Turkey, 03 June 2021
- II. **FT-NIRS and Chromameter-Based Estimation of Applied Microwave Power of Black Carrot Powders Obtained from Intermittent Microwave Drying**  
KESKİN M., SOYSAL Y., ÇELİKTAŞ N., ŞEKERLİ Y. E.  
2ND INTERNATIONAL VIRTUAL CONFERENCE ON RAW MATERIALS TO PROCESSED FOODS, Adana, Turkey, 03 June 2021
- III. **AN OVERLOOK ON FORAGE SILAGE HARVESTER ACCIDENTS IN TURKEY**  
KESKİN M.  
4TH INTERNATIONAL ENGINEERING AND NATURAL SCIENCES CONFERENCE (IENSC 2019), Diyarbakır, Turkey, 06 November 2019, vol.1, pp.1223-1233
- IV. **ANALYSIS OF TWO-WHEEL FARM TRACTOR (PATPAT) FIELD ACCIDENTS IN TURKEY**  
KESKİN M.  
4TH INTERNATIONAL ENGINEERING AND NATURAL SCIENCES CONFERENCE (IENSC 2019), Diyarbakır, Turkey, 06 November 2019, vol.1, pp.1211-1221
- V. **Testing of Five Optical Devices to Assess Leaf Mineral and Water Content of Detached Potato Leaves**  
KESKİN M., ŞEKERLİ Y. E.  
IV International Scientific Conference on Conserving Soils and Water, Burgas, Bulgaria, 28 August 2019, vol.1, pp.131
- VI. **Development of a Low-Cost Prototype Optical Sensor to Predict Turfgrass Leaf Water and Nutrients**  
ŞEKERLİ Y. E., SOYSAL Y., KESKİN M.  
IV International Scientific Conference on Conserving Soils and Water, Burgas, Bulgaria, 28 August 2019, vol.1, pp.132
- VII. **Assessment of applied microwave power of intermittent microwave-dried carrot powders from Colour and NIRS**  
ÇELİKTAŞ N., KESKİN M., SOYSAL Y., ŞEKERLİ Y. E.  
BSE International Conference on Biosystems Engineering, Tartu, Estonia, 8 - 10 May 2019, pp.32
- VIII. **Infrared Drying Characteristics of Pepper at Different Maturity Stages**  
SOYSAL Y., KESKİN M., ARSLAN A., ŞEKERLİ Y. E.  
International Conference on Energy Research, Alanya, Turkey, 01 November 2018, vol.1, pp.293-304
- IX. **An Overview of GNSS and GPS based Velocity Measurement in Comparisonto Other Techniques**  
KESKİN M., AKKAMİŞ M., ŞEKERLİ Y. E.  
International Congress on Energy Research, Alanya, Turkey, 31 October - 02 November 2018, pp.389-401
- X. **Predicting Drying Temperature of Infrared-Dried Pepper Powders Using FT-NIRS and Chromameter**  
KESKİN M., SOYSAL Y., ŞEKERLİ Y. E., ARSLAN A., ÇELİKTAŞ N.  
International Conference on Energy Research, Alanya, Turkey, 31 October - 02 November 2018, pp.304-317
- XI. **An Evaluation of Combine Harvester Accidents in Turkey**  
KESKİN M., ŞEKERLİ Y. E.  
4TH INTERNATIONAL AGRICULTURE CONGRESS, Nevşehir, Turkey, 5 - 08 July 2018, pp.135
- XII. **Düşük Maliyetli Gps Uydu Alıcılarının Hassas Tarım Uygulamalarında Kullanılma Olanaklarının Araştırılma Esasları**  
ŞEHİRİ M., SAY S. M., KESKİN M., ERDOĞAN Y.  
II. Uluslararası Multidisipliner Çalışmaları Kongresi, Adana, Turkey, 4 - 05 May 2018, vol.1, pp.1047
- XIII. **Causal Factors in Thresher Accidents in Turkey**  
KESKİN M., ŞEKERLİ Y. E.  
1. INTERNATIONAL GAP AGRICULTURE LIVESTOCK CONGRESS, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.185
- XIV. **Adoption of Precision Agriculture Technologies in Developed and Developing Countries**  
SAY S. M., KESKİN M., ŞEHİRİ M., ŞEKERLİ Y. E.  
International Science and Technology Conference, Berlin, Germany, 17 July 2017, vol.1, pp.41-49

- XV. **Use of Color Measurement Systems in Food Science and Agriculture**  
KESKİN M., PINAR Ş., DEMİR S.  
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017,  
pp.2350-2359
- XVI. **Container Level Measurement Methods and Testing an Ultrasonic Level Sensor**  
KESKİN M., DERVİŞ S.  
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017,  
pp.2369-2377
- XVII. **Evaluating Water Content of Strawberry Leaves Using a Chromameter and a Chlorophyll Meter**  
KESKİN M., ARSLAN A., BAL B.  
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017,  
pp.2360-2368
- XVIII. **Türkiye'de Römork Eklenmiş Tek Akslı Traktör (Patpat) Kazaları (Trailer-Attached Two-Wheel Tractor (Patpat) Accidents in Turkey)**  
ARSLAN A., KESKİN M.  
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1488
- XIX. **Yield Estimation Methods Before and After Harvest in Citrus Groves**  
KESKİN M., ŞEKERLİ Y. E., SAY S. M., ŞEHİRİ M.  
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 23 - 25 October 2017,  
pp.1990-1997
- XX. **Farmers' Satisfaction Level with GNSS-Based Tractor Auto Guidance Systems in Adana Province of Turkey**  
KESKİN M., ŞEKERLİ Y. E., SAY S. M., Topçueri M.  
13th International Congress on Mechanization and Energy in Agriculture International Workshop on Precision Agriculture, İzmir, Turkey, 13 - 15 September 2017, pp.27
- XXI. **Studying the Effect of Leaf Moisture Content on the Prediction of Leaf Nutrient Stress in Strawberry Leaves Using a Chromameter**  
KESKİN M., ŞEKERLİ Y. E., GÜNDÜZ K.  
2.Uluslararası Biyosistem Mühendisliği Kongresi, Tokat, Turkey, 29 June - 01 July 2017, pp.97
- XXII. **Serada Yetiştirilen Hıyar (*Cucumis Sativus L.*) Bitkisinde İdeal ve Su Stresi Koşullarında Doğrusal Ölçümlerle Yaprak Alan Modelinin Oluşturulması**  
BOZKURT S., KESKİN M.  
13. Ulusal Kültürteknik Kongresi, Antalya, Turkey, 12 - 15 April 2016, vol.1
- XXIII. **Analysis of Farm Machinery Accidents in Hatay Province of Turkey from 2005 to 2015**  
KESKİN M., ŞEKERLİ Y. E., ARSLAN A.  
27th International Scientific-Expert Congress of Agriculture and Food Industry, Bursa, Turkey, 26 - 28 September 2016
- XXIV. **Relationship between Water Content and Color Properties of Chlorosed and Non Chlorosed Detached Crop Leaves**  
KESKİN M., ŞEKERLİ Y. E.  
Relationship between Water Content and Color Properties of Chlorosed and Non-Chlorosed Detached Crop Leaves, Bursa, Turkey, 26 - 28 September 2016
- XXV. **Awareness and adoption of precision agriculture in the Cukurova region of Turkey**  
KESKİN M., ŞEKERLİ Y. E.  
7th International Conference on Biosystems Engineering, Tartu, Estonia, 12 - 13 May 2016
- XXVI. **Ziraat Mühendisliği nde Yeterlilik Sınavları ABD Örneği**  
KESKİN M.  
25. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Turkey, 1 - 02 October 2009, vol.1, pp.319-325
- XXVII. **Predicting Visual Quality Ratings of Turfgrass Research Plots Using Spectral Reflectance**  
KESKİN M., Dodd R. B., Han Y. J., Khalilian A.

- 2003 ASAE Annual International Meeting, Nevada, United States Of America, 27 - 30 July 2003, vol.1, pp.1-13
- XXVIII. **A Control System for Variable Depth Tillage**  
KESKİN M.  
ASABE conference, 28 - 30 July 2002
- XXIX. **Variable Depth Tillage Based on Geo Referenced Soil Compaction Data in Coastal Plain Region of South Carolina**  
GORUCU S., KHALILIAN A., HAN Y. J., DODD R. B., WOLAK F., KESKİN M.  
2001 ASAE International Meeting, United States Of America, 30 - 31 July 2001
- XXX. **Variable Depth Tillage Based on Georeferenced Soil Compaction Data in Coastal Plain Region of SC**  
KESKİN M.  
ASABE conference, 29 - 30 July 2001

## Supported Projects

SOYSAL Y., ARSLAN A., KESKİN M., Project Supported by Higher Education Institutions, Kurutulup Toz Haline Getirilmiş Organik Gıda Ürünlerinde Taşışın Belirlenmesinde Spektroskopik ve Kromatografik Yöntemlerin Kiyaslanması, 2020 - 2021

ŞEKERLİ Y. E., KESKİN M., Project Supported by Higher Education Institutions, Farklı Düzeltme Sinyali ile Çalışan GNSS Esası Traktör Otomatik Dümenleme Sistemlerinin Ekim İşleminde İş Başarısının Belirlenmesi, 2018 - 2019

ŞEKERLİ Y. E., KESKİN M., Project Supported by Higher Education Institutions, Yaprak Mineral Madde Stresinin Belirlenmesinde Klorofilmetre ve Renk Ölçer Cihazlarının Birlikte Kullanımı, 2018 - 2019

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doğruluğunun değerlendirilmesi Spatial accuracy evaluation of new cotton yield monitor technology, 1997 - 1998

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## Non Academic Experience

Clemson University