

## Res. Asst. İHSAN SERKAN VAROL

### Personal Information

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### Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Biyosistem Mühendisliği, Turkey 2018 - Continues

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Biyosistem Mühendisliği, Turkey 2015 - 2018

Under Graduate, Ege University, Ziraat Fakültesi, Tarımsal Yapılar Ve Sulama Bölümü, Turkey 2009 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Other, İHA - 1 - Sportif Pilotluk Sertifikası, Sivil Havacılık Genel Müdürlüğü, 2020

Project Management, Tübitak 2237 B Proje Yazma Eğitimi, Erciyes Üniversitesi, 2020

### Dissertations

Post Graduate, Nohut Bitkisinde Farklı Gelişim Dönemlerinde Uygulanan Sulamaların Bitki Gelişimi, Verim ve Verim Parametreleri Üzerine Etkisi, Erciyes University, Fen Bilimleri Enstitüsü, 2018

### Research Areas

Agricultural Sciences, Agriculture, Farm Structures and Irrigation, Irrigation, Water Resources Development

### Academic Titles / Tasks

Research Assistant, Erciyes University, Seyrani Ziraat Fakültesi, Biyosistem Mühendisliği, 2016 - Continues

### Academic and Administrative Experience

Staj Koordinatörü, Erciyes University, Seyrani Ziraat Fakültesi, Biyosistem Mühendisliği, 2017 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Supplementary irrigations at different physiological growth stages of chickpea (*Cicer arietinum* L.) change grain nutritional composition**  
Varol I. S. , Kardeş Y. M. , İrik H. A. , Kırnak H., Kaplan M.  
FOOD CHEMISTRY, vol.303, 2020 (Journal Indexed in SCI)
- II. **Water deficit and nitrogen affects yield and feed value of sorghum sudangrass silage**  
Kaplan M., Kara K., Ünlükara A., Kale H., Büyükkılıç Beyzi S., Varol I. S. , Kizilsimsek M., Kamalak A.  
Agricultural Water Management, vol.218, pp.30-36, 2019 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Nohut Bitkisinde Farklı Gelişim Dönemlerinde Uygulanan Ek Sulamanın Ham Protein, Ham Yağ ve Ham Kül İçeriğine Etkisi**  
Kırnak H., Varol İ. S. , İrik H. A. , Özaktan H.  
Gaziosmanpasa Journal of Scientific Research (GBAD), vol.6, pp.168-176, 2017 (Refereed Journals of Other Institutions)
- II. **Effects of irrigation applied at different growth stages on chickpea yield**  
Kırnak H., VAROL I. S. , İRİK H. A. , ÖZAKTAN H.  
Agronomy Research, vol.15, no.5, pp.1928-1933, 2017 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Various Fertilizers and Different Nitrogen Doses on Pumpkin Seed (*Cucurbita pepo* L.)**  
Varol I. S. , Ünlükara A., Güneş A.  
1st International Erciyes Agriculture, Animal and Food Sciences Conference, Kayseri, Turkey, 24 - 26 April 2019, vol.1, no.1, pp.120-125
- II. **Pumpkin Seed (*Cucurbita pepo* L.) Production under Different Nitrogen Doses**  
ÜNLÜKARA A., VAROL I. S. , GÜNEŞ A.  
4th International Agriculture Congress, Nevşehir, Turkey, 2 - 05 July 2018, vol.1, no.1, pp.100
- III. **Effects of Irrigation Applied at Different Growth Stages on Chickpea Yield**  
VAROL İ. S. , KIRNAK H., İRİK H. A. , ÖZAKTAN H.  
2th International Conference on Agriculture, Forest, Food Sciences and Technologies, İzmir, Turkey, 2 - 05 April 2018, pp.482
- IV. **Effect of Different Irrigation Levels at Different Growth Stages on Chickpea under Drip irrigation**  
VAROL I. S. , KIRNAK H., İRİK H. A. , ÖZAKTAN H.  
2th International Conference on Agriculture, Forest, Food Sciences and Technologies, İzmir, Turkey, 2 - 05 April 2018, pp.481
- V. **Effects of Various Fertilizers on Yield and Water Use of Pumpkin Seed**  
ÜNLÜKARA A., VAROL I. S. , GÜNEŞ A.  
II International Conference on Engineering Technology and Innovation, Budapeşte, Hungary, 7 - 11 March 2018, vol.1, pp.100
- VI. **Macro Nutrient Uptake of Tall Fescue (*Festuca arundinacea*) as Effected by Salt Stress**  
KAPLAN M., ÜNLÜKARA A., VAROL I. S. , Kale H.  
International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 7 - 11 March 2018, vol.1, pp.10
- VII. **Poultry Litter Composting Practices of Turkish Farmers**  
Gökalp Z., Karaman S., İrik H. A. , Varol I. S.  
2. ASM INTERNATIONAL WORKSHOP OF COMPOSTING AND BIOGAS TECHNOLOGIES, ANTALYA, TURKEY, Antalya,

Turkey, 16 - 18 November 2017, pp.18

- VIII. **Biogas Production from Livestock Manure of Dairy Facilities**  
Gökalp Z., Karaman S., İrik H. A. , Varol I. S.  
2. ASM INTERNATIONAL WORKSHOP OF COMPOSTING AND BIOGAS TECHNOLOGIES, Antalya, Turkey, 16 - 18 November 2017, pp.19
- IX. **Nohut Bitkisinde Farklı Gelişim Dönemlerinde Uygulanan Ek Sulamanın Ham Protein, Ham yağ ve Ham Kül içeriğine Etkisi**  
KIRNAK H., VAROL İ. S. , İRİK H. A. , ÖZAKTAN H.  
2. Ulusal Biyosistem Mühendisliği Kongresi, Tokat, Turkey, 29 June - 01 July 2017, vol.1, pp.55
- X. **Toprak Nem İçeriğinin Belirlenmesinde Kullanılan Sensörler**  
Kırnak H., Varol I. S. , İrik H. A.  
2. Ulusal Biyosistem Mühendisliği Kongresi, Tokat, Turkey, 29 June - 01 July 2017, vol.1, no.1, pp.100
- XI. **Yield and yield parameters of maize plants as influenced by irrigation x nitrogen interactions**  
KAPLAN M., KALE H., UNLUKARA A., VAROL İ. S. , KÖKTEN K.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, vol.1, pp.174
- XII. **Performance Evaluation of Irrigation Scheme of Zamantı Irrigation Association in Kayseri**  
KIRNAK H., KARACA L., İRİK H. A. , VAROL I. S.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.42
- XIII. **Vegetative and Generative Characteristics of Chickpea as Effected by Irrigations at Different Growth Stages**  
VAROL I. S. , KIRNAK H., İRİK H. A. , ÖZAKTAN H.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, vol.1, pp.1
- XIV. **Yield and Yield Parameters of Maize Plants as Influenced by Irrigation x Nitrogen Interactions**  
KAPLAN M., KALE H., ÜNLÜKARA A., VAROL I. S. , KÖKTEN K.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, vol.1, pp.174
- XV. **Ottoman Empire Irrigation Networks: Konya Plain Irrigation Project Example**  
Gerçek S., İrik H. A. , Varol I. S. , Çetin N.  
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017, pp.468
- XVI. **Social and Economic Affect of Land Consolidation**  
Gerçek S., İrik H. A. , Varol I. S. , Çetin N.  
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017, pp.405
- XVII. **The Use of Technology in Agricultural Mechanization in Gaziantep Province**  
Sağlam C., Gerçek S., Çetin N., Varol I. S.  
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017, pp.266-267

## Supported Projects

İRİK H. A. , KIRNAK H., ÜNLÜKARA A., KARAMAN K., VAROL I. S. , USLU R., YILMAZ M. M. , Project Supported by Higher Education Institutions, Farklı Sulama Suyu Seviyelerinin Çörekotu Bitkisinde Tohum Verimi Verim Özellikleri ve Biyokimyasal Aktiviteye Etkisi ile Arazi Esaslı Uzaktan Algılama Tekniklerinin Sulamada Kullanımı, 2020 - Continues  
Kaplan M., Ünlükara A., Varol İ. S. , Project Supported by Higher Education Institutions, Farklı Sulama Seviyelerinin Yonca Çeşitlerinde Ot Verim ve Kalitesi Üzerine Etkisi, 2021 - 2023  
Ünlükara A., Ulaş A., Karaman K., İrik H. A. , TUBİTAK Project, Sulu Ve Kuru Tarım Koşullarında Ekim Nöbeti Ve Makinalı Tarıma Uyarlanabilir Sırt-Karık Mikro Havza Su Hasadı Tekniğinin Su Kullanımına Ve Üretime Etkileri, 2019 - 2022  
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

KIRNAK H., YILMAZ M., VAROL İ. S. , İRİK H. A. , ÖZAKTAN H., Project Supported by Higher Education Institutions, Nohut Bitkisinde Farklı Gelişim Dönemlerinde Uygulanan Sulamaların Bitki Gelişimi Verim ve Kalite Üzerine Etkisi, 2016 - 2018

## Scientific Refereeing

NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, SCI Journal, February 2021

## Tasks In Event Organizations

Varol İ. S. , 1st International Erciyes Agriculture, Animal and Food Sciences Conference, Scientific Congress, Kayseri, Turkey, Nisan 2019

## Edit Congress and Symposium Activities

1st International Erciyes Agriculture, Animal and Food Sciences Conference, Attendee, Kayseri, Turkey, 2019

4th International Agriculture Congress, Attendee, Nevşehir, Turkey, 2018

2th International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, İzmir, Turkey, 2018

2th International Conference on Engineering Technology and Innovation, Attendee, Budapest, Hungary, 2018

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

1st International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, Nevşehir, Turkey, 2017

8th International Conference on Biosystems Engineering, Attendee, Tartu, Estonia, 2017

## Citations

Total Citations (WOS):10

h-index (WOS):2

## Scholarships

Tübitak 1001 Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı Doktora Bursu, TUBİTAK, 2020 - Continues