

Res. Asst. PhD İHSAN SERKAN VAROL

Personal Information

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Biyosistem Mühendisliği, Turkey 2018 - 2022

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biyosistem Mühendisliği, Turkey 2015 - 2018

Undergraduate, Ege University, Faculty Of Agriculture, 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

Doctorate, Su Stresi Altında Farklı Yonca Çeşitlerinin Duyarlılığı, Ot Verim ve Kalitesi, Erciyes University, Fen Bilimleri Enstitüsü, Biyosistem Mühendisliği Anabilim Dalı, 2022

Postgraduate, Nohut Bitkisinde Farklı Gelişim Dönemlerinde Uygulanan Sulamaların Bitki Gelişimi, Verim ve Verim Parametreleri Üzerine Etkisi, Erciyes University, Fen Bilimleri Enstitüsü, Biyosistem Mühendisliği Anabilim Dalı, 2018

Research Areas

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

Academic Titles / Tasks

Research Assistant PhD, Erciyes University, Seyrani Ziraat Fakültesi, Biyosistem Mühendisliği, 2022 - Continues

Research Assistant, Erciyes University, Seyrani Ziraat Fakültesi, Biyosistem Mühendisliği, 2016 - 2022

Academic and Administrative Experience

Courses

Tarımsal Yapılar ve Sulama, Undergraduate, 2021 - 2022
Ölçme Bilgisi, Undergraduate, 2021 - 2022
Mesleki Uygulama, Undergraduate, 2021 - 2022
Ölçme Bilgisi, Undergraduate, 2021 - 2022
Bitirme Çalışması, Undergraduate, 2021 - 2022

Taught Courses And Trainings

Varol İ. S. , Etkin ve Verimli Sulama Sistemleri, 2022 - 2022

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

- I. **Effects of Various Fertilizers and Different Nitrogen Doses on Pumpkin Seed and Plant Water Consumption**
Ünlükara A., Varol İ. S. , Güneş A.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.53, no.5, pp.590-601, 2022 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **Supplementary irrigations at different physiological growth stages of chickpea (Cicer arietinum L.) change grain nutritional composition**
Varol İ. S. , Kardeş Y. M. , İrik H. A. , Kırnak H., Kaplan M.
FOOD CHEMISTRY, vol.303, 2020 (Journal Indexed in SCI)
- IV. **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 İ. 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.
Gaziosmanpaşa 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 İ. S. , İrik 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. Chickpea yields as effected by irrigations at different growth stages

Varol İ. S. , Kirnak H., İrik H. A. , Özaktan H.

International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF-2018 Çeşme-İzmir/ Turkey). , İzmir, Turkey, 2 - 05 April 2018, pp.516

VI. 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

VII. 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

VIII. 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

IX. 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

X. 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

XI. 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

XII. 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

XIII. Performance Evaluation of Irrigation Scheme of Zamanti 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

XIV. 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

XV. 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

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

KAPLAN S., VAROL İ. S. , Project Supported by Higher Education Institutions, Farklı arazi kullanımlarının toprakların bazı fiziksel ve kimyasal özellikleri üzerine etkisi, 2021 - Continues

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

Kaplan M., Kardeş Y. M. , Akçura M., Varol İ. S. , Çiftçi B., Project Supported by Higher Education Institutions, Farklı sulama seviyeleri ve azot dozlarının tane sorgumda verim ve besinsel özellikler üzerine etkileri, 2021 - 2022

ÜNLÜKARA A., İRİK H. A. , KARAMAN K., ULAŞ A., TUBITAK 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

Activities in Scientific Journals

Erciyes Tarım ve Hayvan Bilimleri Dergisi , Assistant Editor, 2019 - Continues

Scientific Refereeing

AGRAARTEADUS | JOURNAL OF AGRICULTURAL SCIENCE, Other Indexed Journal, May 2021

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
8th International Conference on Biosystems Engineering, Attendee, Tartu, Estonia, 2017
1st International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, Nevşehir, Turkey, 2017

Citations

Total Citations (WOS):20

h-index (WOS):2

Scholarships

Tübitak 1001 Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı Doktora Bursu, TUBITAK, 2020 - 2021