

MD SERTAN AVCI

Personal Information

Office Phone: [+90 312 596 1372](tel:+903125961372)

Email: savci@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/savci>

International Researcher IDs

ScholarID: 5eo5SQgAAAAJ

ORCID: 0000-0003-2872-0563

Yoksis Researcher ID: 159176

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama (Dr), Turkey 2008 - 2019

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (Dr), Turkey 2004 - 2007

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1999 - 2004

Dissertations

Doctorate, Farklı sulama yönetimi uygulamalarının lizimetre koşullarında drenaj suyu kalitesine, toprak tuzluluğuna ve yoncada (*Medicago sativa*) verime etkisi, Ankara University, Fen Bilimleri Enstitüsü, Tarımsal Yapılar Ve Sulama (Dr), 2018

Research Areas

Agriculture, Agricultural Buildings, Irrigation, Water Conservation

Academic Titles / Tasks

Research Assistant, Ankara University, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama Bölümü, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Mass Balance Criteria in Soil Salinity Management: Different Irrigation Water Qualities and Leaching Ratio**
YURTSEVEN E., ÖZTÜRK H. S., AVCI S.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.20, no.2, pp.103-111, 2014 (SCI-Expanded)

Articles Published in Other Journals

- Modeling Soil Profile Salinity with HYDRUS-1D**

- AVCI S., YURTSEVEN E.
Selcuk Journal of Agriculture and Food Sciences, vol.36, no.2, pp.282-291, 2022 (Peer-Reviewed Journal)
- II. **The Effect of Irrigation Water Quality and Leaching Ratio on Some Yield Parameters in Alfalfa (Medicago Sativa L.)**
AVCI S., YURTSEVEN E.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.10, no.6, pp.1186-1190, 2022 (Peer-Reviewed Journal)
- III. **Damla Sulama Sistemlerinin İşletilmesinde Güneş Enerjisinden Yararlanma Olanakları Konya İli Örneği**
özdede D., ÇAKMAK B., AVCI S.
Gaziosmanpaşa Bilimsel Araştırma Dergisi, 2017 (Peer-Reviewed Journal)
- IV. **Su Kirliliğinin Tarıma Etkileri**
ÇOLAK M. S., AVCI S.
TARIM TÜRK, no.67, pp.9-12, 2017 (Non Peer-Reviewed Journal)
- V. **Supports Provided to Irrigation Systems in Turkey**
ÇAKMAK B., AVCI S.
Nevşehir Bilim ve Teknoloji Dergisi, pp.172-177, 2017 (Peer-Reviewed Journal)
- VI. **Water Saving and Irrigation Water Pricing Approaches in Agriculture**
ÇAKMAK B., AVCI S.
Nevşehir Bilim ve Teknoloji Dergisi, pp.198-206, 2017 (Peer-Reviewed Journal)
- VII. **The effects of different irrigation water salinities and leaching ratios on green and dry forage yields of alfalfa Medicago sativa L**
ALTINOK S., YURTSEVEN E., AVCI S., ÖZTÜRK H. S., SELENAY M. F.
Agriculture & Forestry, vol.61, no.1, pp.85-90, 2015 (Peer-Reviewed Journal)
- VIII. **Farklı sulama suyu kalitesi ve yıkama oranı uygulamalarında profil tuzluluğunun değişimi**
YURTSEVEN E., ÖZTÜRK H. S., AVCI S., ALTINOK S., SELENAY M. F.
Topraksu Dergisi, vol.1, pp.38-46, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **BARN DESIGN SUITABLE FOR HAIR GOAT BREEDING IN MERSIN PROVINCE**
Polat H. E., Yıldırım A. C., Avci S.
3. INTERNATIONAL MEDITERRANEAN CONGRESS, Mersin, Turkey, 17 - 18 April 2023, pp.615-623
- II. **STORAGE OF LEMON: MERSIN EXAMPLE**
POLAT H. E., AVCI S., YILDIRIM A. C.
INTERNATIONAL SUBTROPICAL AND CITRUS CONFERENCE, Lankaran, Azerbaijan, 08 December 2022, pp.46-48
- III. **NEW APPROACHES IN AGRICULTURAL WATER MANAGEMENT: WATER FOOTPRINT.**
AVCI S., TORUN E., ÇOLAK M. S., YILDIRIM A. C.
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-VII, Ankara, Turkey, 2 - 04 December 2022
- IV. **CURRENT DEVELOPMENTS AND USE OF TECHNOLOGY IN DAIRY CATTLE BREEDING.**
YILDIRIM A. C., ÇOLAK M. S., AVCI S.
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-VII, Ankara, Turkey, 2 - 04 December 2022
- V. **DETERMINING THE WATER FOOTPRINT OF PLANT PRODUCTION IN KIRSEHIR.**
POLAT H. E., AVCI S., ÇOLAK M. S., YILDIRIM A. C.
AHI EVRAN 2ND INTERNATIONAL CONFERENCE ON SCIENTIFIC RESEARCH, Kırşehir, Turkey, 21 - 23 October 2022, vol.1, pp.151-159
- VI. **THE EFFECTS OF AGRICULTURAL ACTIVITIES ON ENVIRONMENTAL POLLUTION.**
Polat H. E., Avci S., Çolak M. S., Yıldırım A. C.
AHI EVRAN 2ND INTERNATIONAL CONFERENCE ON SCIENTIFIC RESEARCH, Kırşehir, Turkey, 21 - 23 October 2022, vol.2
- VII. **CARBON FOOTPRINT IN AGRICULTURE**

POLAT H. E., ÇOLAK M. S., AVCI S., ÖZTÜRK A.

Hodja Akhmet Yassawı 6 Th International Conference On Scientific Research, Lankaran, Azerbaijan, 13 - 15 May 2022, vol.1, pp.665-670

VIII. SALINITY MANAGEMENT AND LEACHING PRACTICES.

POLAT H. E., AVCI S., ÇOLAK M. S., ÖZTÜRK A.

Hodja Akhmet Yassawı 6 Th International Conference On Scientific Research, Lankaran, Azerbaijan, 13 - 15 May 2022, vol.1, pp.659-664

IX. The Effect Of Irrigation Water Quality On Plant Development

ÇOLAK M. S., AVCI S., YILDIRIM A. C.

Hodja Akhmet Yassawı 4th International Conference On Scientific Research February 12-13, 2021 / ANKARA – TURKEY., Ankara, Turkey, 12 - 13 February 2021, pp.443-453

X. Possibilities Of Use Of Waste Water In Agriculture

AVCI S., ÇOLAK M. S., YILDIRIM A. C.

Hodja Akhmet Yassawı 4th International Conference On Scientific Research February 12-13, 2021 / Ankara – Turkey., Ankara, Turkey, 12 - 13 February 2021, pp.601-612

XI. Tarımda Su ve Tuzluluk Yönetimi

YURTSEVEN E., SEMİZ G. D., AVCI S., ÇOLAK M. S.

IX. TÜRKİYE ZİRAAT MÜHENDİSLİĞİ TEKNİK KONGRESİ, 13-17 Ocak, Ankara., Ankara, Turkey, 13 - 17 January 2020, pp.119-140

XII. Effects of abiotic stress conditions on plants

ÇOLAK M. S., AVCI S., ÖZTÜRK A., YURTSEVEN E.

1.International GAP Agriculture Livestock Congress, Şanlıurfa, Turkey, 25 - 27 April 2018

XIII. Toprak Tuzluluğunun Matematiksel Modellerle İncelenmesi: Hydrus-1D Örneği

ÇOLAK M. S., AVCI S., YURTSEVEN E., ÖZTÜRK A.

Uluslararası Su ve Çevre Kongresi-Bursa, Bursa, Turkey, 22 - 24 March 2018, pp.891-896

XIV. Usage of Agricultural Waste

ÇOLAK M. S., AVCI S., SEMİZ G. D.

International Symposium on Multidisciplinary Studies, Ankara, Turkey, 10 - 11 November 2017, pp.147

XV. Irrigation and salinization:Rise and collapse of civilizations

SEMİZ G. D., ÇOLAK M. S., AVCI S.

International Symposium on Multidisciplinary Studies, Ankara, Turkey, 10 - 11 November 2017, pp.62

XVI. Use of Agricultural Mathematical Models: Hydrus-1d Model

Çolak M. S., Avci S., Semiz G. D.

International Symposium on Multidisciplinary Studies, Ankara, Turkey, 10 - 11 November 2017, pp.146

XVII. Possible Use of Alternative Energy Sources in Agriculture

ÇOLAK M. S., AVCI S., SEMİZ G. D.

International Symposium on Multidisciplinary Studies, Ankara, Turkey, 10 - 11 November 2017, pp.145

XVIII. Phenotyping Technologies for Plant Breeding

Semiz G. D., Çolak M. S., Avci S.

International Symposium on Multidisciplinary Studies, Ankara, Turkey, 10 - 11 November 2017, pp.61

XIX. Comparison of measured and simulated EC of soil water in relation with irrigation water salinity and leaching ratio

YURTSEVEN E., ÇOLAK M. S., AVCI S., ÖZTÜRK H. S., ÖZTÜRK A., Simunek J.

VII. International Scientific Agriculture Symposium "Agrosym 2017", Jahorina, Jahorina, Bosnia And Herzegovina, 5 - 08 October 2017, pp.2013-2022

XX. The effects of irrigation water salinity and leaching fractions on SAR components of soil solution in lyzimeter conditions

YURTSEVEN E., AVCI S., ÇOLAK M. S., ÖZTÜRK H. S., ÖZTÜRK A., Simunek J.

VII. International Scientific Agriculture Symposium "Agrosym 2017", Jahorina, Jahorina, Bosnia And Herzegovina, 5 - 08 October 2017, pp.2023-2031

XXI. Agricultural Drought Management Strategies

ÇAKMAK B., AVCI S.

VIII. INTERNATIONAL SYMPOSIUM ONECOLOGY AND ENVIRONMENTAL PROBLEMS, 4 - 07 October 2017

XXII. Wastewater Management Practices in Turkey

ÇAKMAK B., AVCI S.

VIII. INTERNATIONAL SYMPOSIUM ONECOLOGY AND ENVIRONMENTAL PROBLEMS, 4 - 07 October 2017

XXIII. The Use of Active Solar Energy Systems For Heating Greenhouse Central Anatolia Case Study Poster bildirir

KENDİRLİ B., POLAT H. E., AVCI S.

International Conference on Civil and Environmental Engineering (ICOCEE), Cappadocia 2015, Nevşehir, Turkey, 20 - 23 May 2015, pp.2030-2036

XXIV. The Use of Active Solar Energy Systems for Heating Greenhouse: Central Anatolia Case Study

KENDİRLİ B., POLAT H. E., AVCI S.

International Conference on Civil and Environmental Engineering (Cappadocia-2015), Nevşehir, Turkey, 20 - 23 May 2015

XXV. The effects of different water salinities and leaching ratios on green and dry forage yields of alfalfa Medicago sativa L

ALTINOK S., YURTSEVEN E., AVCI S., ÖZTÜRK H. S., SELENAY M. F.

Agrosym 2014, 24 - 26 October 2014

XXVI. Comparison of ion salt movement in the soil profile subject to leaching with the HYDRUS 1D simulations

YURTSEVEN E., Simunek J., AVCI S., ÖZTÜRK H. S.

4th International Conference HYDRUS Software Applications to Subsurface Flow and Contaminant Transport Problems, Prag, Czech Republic, 21 - 22 March 2013

XXVII. Farklı sulama pratiklerinin yoncada verim ve su kullanım özellikleri üzerine etkisi

YURTSEVEN E., AVCI S., ALTINOK S., ÖZTÜRK H. S., SELENAY M. F.

II. Ulusal Sulama ve Tarımsal Yapılar Sempozyumu, İzmir, Turkey, 24 - 25 May 2012, pp.34

XXVIII. Drainage Water Quality Management Impact of Different Irrigation Water Quality and Leaching Fractions on Drainage Water Salinity

YURTSEVEN E., AVCI S., ÖZTÜRK H. S., ALTINOK S., SELENAY M. F.

VIII. International Soil Science Congress "Land Degradation and Challenges in Sustainable Soil Management, 15 - 17 May 2012

XXIX. The impacts of Different Irrigation Water Salinities and Leaching Ratio

YURTSEVEN E., AVCI S., ÖZTÜRK H. S., SELENAY M. F., ALTINOK S.

8th International Soil Science Congress on "Land Degradation and Challenges in sustainable soil management", İzmir, Turkey, 15 - 17 May 2012, vol.4, pp.268-273

Metrics

Publication: 38

Citation (WoS): 8

Citation (Scopus): 8

H-Index (WoS): 1

H-Index (Scopus): 1