

Prof. SEZGİN HACISALİHOĞLU

Personal Information

Office Phone: [+90 462 377 2840](tel:+904623772840)

Fax Phone: [+90 462 377 2840](tel:+904623772840)

Email: sezgin@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//sezgin>

Address: KTÜ Orman Fakültesi 61080 Trabzon, Türkiye

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Mühendisliği, Turkey 2000 - 2004

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Mühendisliği, Turkey 1992 - 1995

Under Graduate, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, Turkey 1988 - 1992

Foreign Languages

German, B2 Upper Intermediate

English, B2 Upper Intermediate

Research Areas

Agricultural Sciences, Forestry, Forest engineering, Watershed Management, Watershed Management and Planning, Water Pollution and Quality, Soil and Water Protection, Environmental Pollution, Water Resources Development, Hydrology of Forest and Pasture, Utilization from Drought Areas, Land Reclamation

Academic Titles / Tasks

Professor, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2019 - Continues

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2013 - 2019

Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2006 - 2013

Research Assistant PhD, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2005 - 2006

Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 1993 - 2004

Academic and Administrative Experience

Karadeniz Technical University, Orman Fakültesi, 2019 - Continues

Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği Bölümü, 2017 - 2018

Karadeniz Technical University, Orman Fakültesi, 2008 - 2011

Courses

Arazi Sınıflandırması, Post Graduate, 2017 - 2018

Havza Amenajmanı, Under Graduate, 2017 - 2018
Erozyon ve Sel Kontrolü, Under Graduate, 2016 - 2017, 2017 - 2018
Yağış Havzasında Evapotranspirasyon Benzetim Yöntemleri, Post Graduate, 2017 - 2018
Toprak Aşınımı Benzetim Modelleri, Doctorate, 2017 - 2018
Kar Hidrolojisi ve Çiğ, Post Graduate, 2017 - 2018
Yağış Havzalarında Heyelan Analizi, Post Graduate, 2017 - 2018
Toprak Aşınımı Benzetim Modelleri, Post Graduate, 2017 - 2018

Advising Theses

HACISALİHOĞLU S., Doğu Karadeniz Bölgesinde Yayılış Gösteren Ladin ve Sarıçam Orman Ekosistemlerindeki Yüzeysel Akışın Kalitatif ve Kantitatif Karakterizasyonu ile Zamansal Değişiminin Araştırılması, Post Graduate, H.Karadağ(Student), Continues
Hacisalihoglu S., Doğu Karadeniz Bölgesindeki Saf Ladin ve Gökmar Ekosistemlerinde Toplam İntersepsiyonun Ekolojik, Hidrolojik ve Meteorolojik Yönden Araştırılması, Doctorate, U.Kezik(Student), 2021

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

- I. **Effects of canopy on soil erosion and carbon sequestration in a Pedunculate Oak (*Quercus robur* L. subsp. *robur* L.) coppice stand during the conversion process into high forest**
Yücesan Z., Hacisalihoglu S., Kezik U., Karadag H.
AUSTRIAN JOURNAL OF FOREST SCIENCE, vol.136, no.1, pp.45-66, 2019 (Journal Indexed in SCI)
- II. **Impact of Forest Road Construction on Topsoil Erosion and Hydro-Physical Soil Properties in a Semi-Arid Mountainous Ecosystem in Turkey**
HACISALİHOĞLU S., GÜMÜŞ S., KEZİK U., Karadag H.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.28, no.1, pp.113-121, 2019 (Journal Indexed in SCI)
- III. **Land Use Conversion Effects Triggered by Tea Plantation on Landslide Occurrence and Soil Loss in Northeastern Anatolia, Turkey**
Hacisalihoglu S., Gümüş S., Kezik U.
Fresenius Environmental Bulletin, vol.5, pp.1, 2018 (Journal Indexed in SCI Expanded)
- IV. **THE EFFECTS OF LAND USE CHANGE ON SOIL LOSS AND CARBON STOCK AMOUNTS**
Hacisalihoglu S., Mısır M., Mısır N., Yücesan Z., Oktan E., Gümüş S., Kezik U.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.10, pp.6007-6016, 2017 (Journal Indexed in SCI)
- V. **Soil Loss Under Different Release Cutting Intensities in an Artificial Oriental Beech (*Fagus orientalis* Lipsky.) Stand**
YÜCESAN Z., HACISALİHOĞLU S., OKTAN E., Ozcelik S.
AUSTRIAN JOURNAL OF FOREST SCIENCE, vol.130, no.4, pp.255-270, 2013 (Journal Indexed in SCI)
- VI. **Usage of non-timber forest products by women in forest villages of Trabzon, Turkey**
TOKSOY D., ALKAN S., HACISALİHOĞLU S.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.31, no.6, pp.1013-1016, 2010 (Journal Indexed in SCI)
- VII. **Usage and the economic potential of the medicinal plants in Eastern Black Sea Region of Turkey**
TOKSOY D., Bayramoglu M., HACISALİHOĞLU S.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.31, no.5, pp.623-628, 2010 (Journal Indexed in SCI)
- VIII. **Predicting soil erosion in oriental spruce (*Picea orientalis* (L.) Link.) stands in Eastern black sea region of Turkey**
HACISALİHOĞLU S., OKTAN E., YÜCESAN Z.
AFRICAN JOURNAL OF AGRICULTURAL RESEARCH, vol.5, no.16, pp.2200-2214, 2010 (Journal Indexed in SCI)
- IX. **Soil loss prediction using universal soil loss equation (USLE) simulation model in a mountainous area in Aglasun district, Turkey**

- HACISALİHOĞLU S., Mert A., Negiz M. G., Muys B.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.9, no.24, pp.3589-3594, 2010 (Journal Indexed in SCI)
- X. **Variations of measured and simulated soil-loss amounts in a semiarid area in Turkey**
Hacisalihoglu S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.165, pp.255-262, 2010 (Journal Indexed in SCI)
- XI. **Economic valuation of soil erosion in a semi and area in Turkey**
HACISALİHOĞLU S., TOKSOY D., KALÇA A.
AFRICAN JOURNAL OF AGRICULTURAL RESEARCH, vol.5, no.1, pp.1-6, 2010 (Journal Indexed in SCI)
- XII. **Determination of soil erosion in a steep hill slope with different land-use types: A case study in Mertesdorf (Ruwertal/Germany)**
Hacisalihoglu S.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.28, no.2, pp.433-438, 2007 (Journal Indexed in SCI)
- XIII. **Quantitative determination of soil loss and runoff in different land use types and slope classes in a semi-arid area in Turkey**
Hacisalihoglu S., Kalay H. Z., Sariyildiz T., Oktan E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, no.10, pp.1299-1306, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Modelling Top Soil Erosion Depend On Stand Profile For Crimean Pine Plantation In A Semi-Arid Ecosystem, Ankara-Turkey**
HACISALİHOĞLU S., YÜCESAN Z., OKTAN E., KEZİK U., Karadağ H.
European Lournal of Forest Enginnering, vol.4, no.2, pp.35-42, 2018 (Refereed Journals of Other Institutions)
- II. **Effects of Semi Dry Afforestation by Black Pine in Central Anatolia on Soil Hydro-Physical Properties and Soil Loss**
HACISALİHOĞLU S.
Turkish Journal of Agriculture- Food Science and Technology, vol.4, no.4, pp.500-507, 2018 (Refereed Journals of Other Institutions)
- III. **Semi-Arid Plantation by Anatolian Black Pine and Its Effects on Soil Erosion and Soil Properties**
HACISALİHOĞLU S.
Turkish Journal of Agriculture - Food Science and Technology, vol.6, no.4, pp.500-507, 2018 (Refereed Journals of Other Institutions)
- IV. **Altındere Vadisi Milli Parkında Yol yapımına Bağlı Doğaya Aykırı Uygulamalar**
GÜMÜŞ C., HACISALİHOĞLU S., ÜNVER OKAN S.
Orman Mühendisleri Odası Yayın Organı, vol.49, pp.13-16, 2012 (Other Refereed National Journals)
- V. **Türkiye de Arazi Kullanımı ve Heyelan İlişkisi Doğu Karadeniz Bölgesi Örneği**
HACISALİHOĞLU S., AKYILDIZ E., GÜMÜŞ S., KURDOĞLU O.
MPM Anahtar, no.272, pp.13-19, 2011 (National Non-Refereed Journal)
- VI. **Yüksek Dağ Ormanlarında Çığ Kontrolü**
YÜCESAN Z., OKTAN E., HACISALİHOĞLU S.
Kırsal Çevre Yılığ'2008, vol.1, pp.62-72, 2008 (National Non-Refereed Journal)
- VII. **Toprak Aşınımı (Erozyon) Benzetim (Simülasyon) Modelleri**
HACISALİHOĞLU S.
Orman Mühendisliği Dergisi, vol.45, pp.40-45, 2008 (National Non-Refereed Journal)
- VIII. **Ekonomik Açıdan Toprak Erozyonu**
HACISALİHOĞLU S.
Orman Mühendisliği Dergisi, vol.45, pp.27-29, 2008 (National Non-Refereed Journal)
- IX. **Doğu Karadeniz Bölgesinde yayla turizmi ve erozyon ilişkisi**
HACISALİHOĞLU S., YÜCESAN Z., OKTAN E., KURDOĞLU O.
Kırsal Çevre Yılığ 2007, pp.45-56, 2007 (National Non-Refereed Journal)

- X. **Doğu Karadeniz Bölgesinde Yayla Turizmi ve Erozyon İlişkisi**
HACISALİHOĞLU S., YÜCESAN Z., OKTAN E., KURDOĞLU O.
Kırsal Çevre Yılığ'2007, vol.1, pp.45-56, 2007 (National Non-Refereed Journal)
- XI. **Toprak Aşınımının (Erozyonun) Dünyadaki ve Türkiyedeki Durumu**
HACISALİHOĞLU S.
Orman Mühendisliği Dergisi, vol.47, pp.55-62, 2006 (National Non-Refereed Journal)
- XII. **Sera Deresi Yağış Havzası Topraklarının Fiziksel, Kimyasal ve Hidrolojik Özellikleri ve Erozyon Eğilimleri**
HACISALİHOĞLU S.
Trabzon Ormanlık Araştırma Enstitüsü Dergisi, vol.10, no.2, pp.22-28, 2006 (National Non-Refereed Journal)
- XIII. **Dorukağaç (Doğu Ladini) (Picea orientalis (L.) Link.) Konusunda Türkiyede Gerçekleştirilmiş Başlıca Bilimsel Çalışmalar**
HACISALİHOĞLU S.
Trabzon Ormanlık Araştırma Enstitüsü Dergisi, vol.10, pp.35-45, 2006 (National Non-Refereed Journal)
- XIV. **Deniz Kıyılarına Dökülen Toprakların Kantitatif ve Kalitatif Olarak İncelenmesi (Trabzon İli Örneği) Üzerine Bir araştırmalar**
HACISALİHOĞLU S.
Orman Mühendisliği, vol.43, pp.24-26, 2005 (National Non-Refereed Journal)
- XV. **Ruwertal / Almanyadaki Toprak Aşınımının Genel Toprak Kaybı Eşitliğiyle Belirlenmesi**
HACISALİHOĞLU S.
EKOLOJİ, vol.1, no.44, pp.30-36, 2002 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Crown Closure Effects of Oak Coppice on Soil Erosion and Carbon Storage During Its Conversion to High Forest Stage. (Oral Presentation)**
HACISALİHOĞLU S., KEZİK U., Karadağ H.
3. ICOCEE 2018, İzmir, Turkey, 24 April - 27 February 2018, vol.1, no.0
- II. **Evaluation of Scotch Pine Plantation for 40 years on Soil Properties and Top-soil Erosion Throughout to Forest Road in a Semi-arid Ecosystem, Gümüşhane, Turkey (Oral Presentation)**
HACISALİHOĞLU S., GÜMÜŞ S., KEZİK U.
3. ICOCEE, İzmir, Turkey, 24 - 27 April 2018, vol.00
- III. **Modelling Hydro-Morphological Characteristics of a Watershed at Micro Level in Northeastern Turkey**
HACISALİHOĞLU S., KEZİK U.
International Conference on Natural Resources Management in Developing Countries (Oral Presentation), Tahran, Iran, 24 - 27 February 2018, vol.00, no.0
- IV. **Plantation Effects of Anatolian Black Pine on Soil Erosion in Semi-arid Region, Asia Minor.(Oral Presentation)**
HACISALİHOĞLU S., KEZİK U.
The International Forestry and Environment Symposium on "Climate Change and Tree Migration", Trabzon, Turkey, 7 November - 10 September 2017, vol.00, no.0
- V. **Modelling Top Soil Erosion Depend on Stand Profile for Crimean Pine in Semi-arid Ecosystem, Ankara-Turkey**
HACISALİHOĞLU S., KEZİK U., OKTAN E., Karadağ H.
The International Forestry and Environment Symposium on "Climate Change and Tree Migration", Trabzon, Turkey, 7 November - 10 September 2017, vol.1, no.1, pp.238
- VI. **Modelling Top Soil Erosion Depend on Stand Profile for Crimean Pine in Semi-arid Ecosystem, Ankara-Turkey. (Oral Presentation)**
HACISALİHOĞLU S., KEZİK U., OKTAN E., Karadağ H.

The International Forestry and Environment Symposium on "Climate Change and Tree Migration", Trabzon, Turkey, 7 November - 10 September 2017, vol.00, no.0

- VII. **Changing Land Use Pattern Affects the Soil Erosion: A case study in North of Turkey, Ordu-Ünye**
HACISALİHOĞLU S., KEZİK U.
ICOCEE – CAPPADOCIA 2017, 8 - 10 May 2017
- VIII. **Changing Land Use Pattern Affects the Soil Erosion: A case study in North of Turkey, Ordu-Ünye. (Oral Presentation)**
HACISALİHOĞLU S., KEZİK U.
ICOCEE 2017, Nevşehir, Turkey, 8 - 10 May 2017, vol.1, no.2, pp.650-700
- IX. **Estimation of Carbon Stocks in Forest and Pasture Area Originated from Abandoned Cropland.(Oral Presentation)**
HACISALİHOĞLU S., Karadağ H., KEZİK U.
ICOCEE 2017, Nevşehir, Turkey, 08 May 2017, vol.1, no.1, pp.795-800
- X. **Doğu Karadeniz Bölgesinde faaliyette bulunan HES'lerden bırakılan telafi suyunun işletme sonrasında sucul ekosistem ve balık populasyonları üzerine olan etkileri: Trabzon, Arsin, Yanbolu Deresi örneği**
Zengin M., HACISALİHOĞLU S., GÜMÜŞ S., AKBULUT S.
FABA 2013 (Balıkçılık ve Akvatik Bilimler) Sempozyumu, Erzurum, Turkey, 30 May - 01 June 2013
- XI. **Doğu Karadeniz Bölgesi Ormancılık Sorunlarına AB Sürecinde Ekolojik Yaklaşım**
Kalay H. Z. , Tüfekçioğlu A., HACISALİHOĞLU S., Yener İ.
I. Çevre ve Ormancılık Şurası, Antalya, Turkey, 7 - 09 March 2005, pp.55-59
- XII. **Toprak Aşımının (Toprak Erozyonunun) Dünyadaki ve Türkiye'deki Durumu**
Kalay H. Z. , HACISALİHOĞLU S.
I. Çevre ve Ormancılık Şurası, Antalya, Turkey, 7 - 09 March 2005, pp.66-70
- XIII. **Deniz Kıyılarında Biriken Katı Atık Maddelerin Örneklemeye Yoluyla Tür ve Miktar Olarak Belirlenmesine İlişkin Bir Çalışma (Trabzon Beşirli Deresi, Küçük Yoroz Burnu Arası)**
HACISALİHOĞLU S.
V. Ulusal Ekoloji ve Çevre Kongresi, Bolu, Turkey, 5 - 08 October 2004, vol.1, pp.11-15
- XIV. **Doğu Karadeniz Bölgesindeki Köy Yolları Sorunları**
HACISALİHOĞLU S.
Doğu Karadeniz Bölgesinde Kırsal Alanda Ulaşım, Yerleşim Sorunları ve Çözüm Önerileri Sempozyumu, Trabzon, Turkey, 18 - 20 December 2003, pp.43-48
- XV. **Relationship Between Runoff and Different Landuse Types**
HACISALİHOĞLU S., YÜCESAN Z., OKTAN E.
Proceeding XXXI. International Forestry Students Symposium, İstanbul, Turkey, 1 - 15 September 2003, pp.32-40
- XVI. **Determining the Stand Structures of Natural Brutian Pine (Pinus brutia) in a Local Distribution Area in İnebolu District**
HACISALİHOĞLU S., YÜCESAN Z., OKTAN E.
Proceeding XXXI. International Forestry Students Symposium, İstanbul, Turkey, 1 - 15 September 2003, vol.1, pp.13-18
- XVII. **Kurak ve Yarı Kurak Bölgelerde Toprak Aşımını (Erozyonu) ve Ağaçlandırma Çalışmalarında Kullanılacak Türler**
HACISALİHOĞLU S., YÜCESAN Z.
Gümüşhane ve Yöresinin Kalkınması Sempozyumu, Gümüşhane, Turkey, 23 - 25 October 2002, vol.1, pp.55-66
- XVIII. **Toprak Aşımını (Erozyonunu) Kantitatif Olarak Belirleyen Modellerin Değerlendirilmesi**
HACISALİHOĞLU S.
Su Havzalarında Toprak ve Su Kaynaklarının Korunması, Geliştirilmesi ve Yönetimi Sempozyumu, Hatay, Turkey, 18 - 20 September 2002, vol.1, pp.45-52

Scientific Refereeing

Science of the Total Environment, SCI Journal, March 2018
Environmental Monitoring and Assessment, SCI Journal, March 2018
The Journal of Forestry Research, SCI Journal, March 2018
Environmental Monitoring and Assessment, SCI Journal, March 2018
Water Resources Management, SCI Journal, February 2018
The Journal of Forestry Research, SCI Journal, February 2018
Environmental Monitoring and Assessment, SCI Journal, February 2018
The Journal of Forestry Research, SCI Journal, February 2018
Journal of Environmental Biology, SCI Journal, February 2018
The Journal of Forestry Research, SCI Journal, January 2018
Environmental Monitoring and Assessment, SCI Journal, January 2018
Environmental Monitoring and Assessment, SCI Journal, January 2018
Journal of Forestry Research/JFR-D-15-00346, SCI Journal, November 2015
Environmental Monitoring and Assessment/EMAS-D-15-02907, SCI Journal, November 2015
Environmental Monitoring and Assessment/EMAS-D-15-02004, SCI Journal, October 2015
Environmental Monitoring and Assessment/EMAS-D-15-01436, SCI Journal, October 2015
Journal of Forestry Research/ JFR-D-15-00311, SCI Journal, October 2015
Environmental Monitoring and Assessment/EMAS-D-15-00989, SCI Journal, July 2015
Journal of Forestry Research/ JFR-D-15-00091R1, SCI Journal, June 2015
Water Resources Management/WARM-D-14-00636R1, SCI Journal, June 2015
Environmental Monitoring and Assessment/EMAS-D-15-01168, SCI Journal, June 2015
Environmental Monitoring and Assessment/EMAS-D-15-00176, SCI Journal, May 2015
Journal of Forestry Research/ JFR-D-15-00091, SCI Journal, May 2015
Water Resources Management/WARM-D-14-00619, SCI Journal, May 2015
Journal of Forestry Research/ JFR-D-14-00503, SCI Journal, April 2015
Journal of Forestry Research, SCI Journal, March 2015
Environmental Monitoring and Assessment, SCI Journal, March 2015
Journal of Ecology and the Natural Environment, Other Indexed Journal, February 2015
International Journal of Plant & Soil Science, Other Indexed Journal, February 2015
Environmental Monitoring and Assessment, SCI Journal, January 2015
Water Resources Management, SCI Journal, January 2015
Journal of Forestry Research, SCI Journal, January 2015

Citations

Total Citations (WOS):82
h-index (WOS):5

Awards

HACISALİHOĞLU S., KEZİK U., One of The Top Presentation / Modelling Hydro-Morphological Characteristics of a Watershed at Micro Level in Northeastern Turkey, University of Tehran, Faculty of Natural Resources, February 2018