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Personal Information

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International Researcher IDs

ScholarID: n318t

ORCID: 0000-0003-3946-8076

Publons / Web Of Science ResearcherID: D-5178-2018

ScopusID: 57195052588

Yoksis Researcher ID: 29309

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2018 - 2024

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2011 - 2014

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği Bölümü, Turkey 2005 - 2010

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

IT, Python for Everyone, ESRI, 2023

IT, Web of Science Core Collection: Keşif burada başlıyor!, Web of Science Group, 2020

Education Management and Planning, Gelişim ve Öğrenme, Karadeniz Technical University, 2020

Education Management and Planning, Öğretim Planlama ve Değerlendirme, Karadeniz Technical University, 2020

Education Management and Planning, Bilimsel Araştırma ve Proje Hazırlama, Karadeniz Teknik Üniversitesi, 2019

Education Management and Planning, Bilimsel Araştırma ve Yayın Etiği, Karadeniz Teknik Üniversitesi, 2018

IT, ArcGIS - Introduction to ArcGIS I and II, Karadeniz Teknik Üniversitesi, 2013

IT, Netcad GIS Ormanlık Uygulamaları Eğitim Programı, NetCAD, 2010

Dissertations

Doctorate, Determination of The Efficiency Score of Forest Roads Based on Functional Conditions, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2024

Postgraduate, Doğu Karadeniz Bölgesinde Bölmeden Çıkarmada Kullanılabilecek Uygun Bir Orman Hava Hattına Ait Bazı Teknik Özelliklerin Belirlenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Mühendisliği Bilim Dalı, 2014

Research Areas

Agricultural Sciences, Forestry, Forest engineering, Forest Construction and Transport, Forest Roads, Forest Transport, Forest Construction, Flood and Avalanche Control, Surveying & Cadastre

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A STUDY ON MEASURING AN OBJECTIVE ASPECT SCORE FOR ANALYSIS IN FORESTRY: EXAMPLE OF FOREST ROADS AND LANDSLIDE AREAS**
HATAY T. Y., ÖZCAN Z., GÜMÜŞ S.
SUMARSKI LIST, vol.148, no.9-10, pp.465-475, 2024 (SCI-Expanded)
- II. **A COST EFFECTIVENESS APPROACH FOR CONFIGURATION OF FEASIBLE SKYLINE YARDER FOR SPECIFIC FOREST REGIONS**
GÜMÜŞ S., Hatay T. Y.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.7, pp.4656-4662, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis of work accidents in wood harvesting: a case study of the East Black Sea region**
GÜMÜŞ S., ÜNVER OKAN S., HATAY T. Y.
FORESTIST, vol.70, no.1, pp.1-7, 2020 (ESCI)
- II. **Investigation Of Relevance Between Landslide And Stand Areas On Open Source Web Map (Openlayers): Case Study In Trabzon Region**
GÜMÜŞ S., HATAY T. Y., ÜNVER OKAN S.
European Journal of Forest Engineering, vol.5, no.1, pp.11-17, 2019 (Scopus)
- III. **A Research on Work Satisfaction of Forest Workers**
Gümüş S., Hatay T. Y., Ünver Okan S., Acar H. H.
European Journal of Forest Engineering, vol.4, no.2, pp.63-69, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of the Effect of Forest Road Construction on Existing Forest Assets with Geographic Information Systems**
Mısırhoğlu G., Hatay T. Y., Gümüş S.
3 RD INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE FORESTR «THE BALANCE OF THE LIFE: CARBON», Trabzon, Turkey, 20 - 22 September 2023, pp.103-107
- II. **Analysis Of Work Accidents For Wood Harvesting Workers: A Case Study Of East Black Sea Region**
GÜMÜŞ S., ÜNVER OKAN S., HATAY T. Y., ACAR H. H.
People-Forest-Science”(PEFOSS2018), Sarajevo, Bosnia And Herzegovina, 3 - 12 October 2018, vol.1, pp.39
- III. **Examination of Some Properties of Bursa Resort (Mesire) Areas with Open Source Web Mapping (OpenLayers)**
GÜMÜŞ S., HATAY T. Y.
FETEC'19, 4 - 06 September 2019, vol.1, pp.1-6
- IV. **An Evaluation of General Situation and Importance of Forest Roads: Turkish Forestry**
GÜMÜŞ S., HATAY T. Y., ÜNVER OKAN S.

FETEC'19, Tirane, Albania, 4 - 06 September 2019, vol.1, pp.86-91

- V. **Bölmeden Çıkarma Maliyetlerinin Coğrafi Bilgi Sistemleri Kullanılarak Belirlenmesi (Artvin Tütüncüler Orman İşletme Şefliği Örneği)**
ACAR M., GÜMÜŞ S., ÜNVER OKAN S., HATAY T. Y.
Uluslararası Artvin Sempozyumu, Artvin, Turkey, 18 - 20 October 2018, vol.1, no.1, pp.1393-1402
- VI. **Investigation of Relevance between Landslide and Stand Areas on Open Source Web Map (OpenLayers): Case Study in Trabzon**
GÜMÜŞ S., HATAY T. Y., ÜNVER OKAN S.
International Symposium People - Forest - Science (PEFOSS), Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2018, pp.35
- VII. **Evaluation of Usage Capacity of Forest Trailers in Western Black Sea Region of Turkey**
GÜMÜŞ S., HATAY T. Y., ÜNVER OKAN S.
International Symposium People - Forest - Science (PEFOSS), Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2018, pp.33
- VIII. **Determination of Hand-Arm Vibration Levels Exposed of Chainsaw Operators**
ÜNVER OKAN S., GÜMÜŞ S., ACAR M., HATAY T. Y.
International Symposium People - Forest - Science (PEFOSS), Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2018, pp.40
- IX. **Analysis of Socio-Economic Situation for Wood Production Workers in Supply Chain**
Gümüş S., Hatay T. Y., Ünver Okan S.
International Forest Products Congress (ORENKO), Trabzon, Turkey, 26 - 29 September 2018, vol.1, pp.108
- X. **The Estimation of Extraction (Haulage) Distance for Forest Harvesting Using Terrain Model of 3D Virtual Globe of GoogleEarth®**
GÜMÜŞ S., HATAY T. Y.
48th International Symposium on Forestry Mechanization, Forest engineering: Making a positive contribution, FORMEC 2015, Linz, Austria, 4 - 08 October 2015, vol.1, no.1, pp.271-276
- XI. **A Skyline Yarder Model Design Approach For Turkish Forestry**
GÜMÜŞ S., HATAY T. Y., ACAR M., ÖZKAYA M. S.
FORMEC 2012 Forest Engineering - Concern, Knowledge and Accountability in Today's Environment, Dubrovnik, Croatia, 4 - 06 June 2012, vol.1, pp.1-6

Supported Projects

MISIR M., Korkanç S. Y., İNCE K., MISIR N., KARA Ö., YAVUZ H., KARAHALİL U., TUBITAK Project, SAF VE KARIŞIK KARAÇAM (Pinus nigra Arnold. subsp. pallasiana (Lamb.)) DOĞAL MEŞCERELERİ İÇİN BÜYÜME MODELLERİNİN GELİŞTİRİLMESİ, BİYOKÜTLE VE KARBON DEPOLAMA MİKTARLARININ BELİRLENMESİ, Continues
Gümüş S., Berber T., TUBITAK Project, Orman Yollarının Fonksiyonel Duruma Bağlı Etkinlik Skorunun Belirlenmesi, 2022 - 2024

Memberships / Tasks in Scientific Organizations

Orman İnşaatı-Transportu ve Teknolojileri Platformu, Member, 2012 - Continues

Tasks In Event Organizations

Hatay T. Y., Mısırhoğlu G., 3RD INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE ForesTR "The Balance of The life: Carbon", Scientific Congress, Trabzon, Turkey, Eylül 2023

Ünver S., Gümüş S., Çalışkan E., Hatay T. Y., III. Orman İnşaatı-Transportu ve Teknolojileri Çalıştayı, Workshop

Organization, Trabzon, Turkey, Mayıs 2014

Metrics

Publication: 16

Citation (WoS): 4

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

FETEC 2022 - 3rd International Symposium of Forest Engineering and Technologies, Attendee, Baku, Azerbaijan, 2022

ORİTEK 2022 - 11. Orman İnşaatı-Transportu ve Teknolojileri Çalıştayı, Attendee, İstanbul, Turkey, 2022

ORİTEK 2021 - 10. Orman İnşaatı-Transportu ve Teknolojileri Çalıştayı, Attendee, İzmir, Turkey, 2021

ORİTEK 2020 - 9. Orman İnşaatı-Transportu ve Teknolojileri Çalıştayı, Attendee, Isparta, Turkey, 2020

ORİTEK 2019 - 8. Orman İnşaatı-Transportu ve Teknolojileri Çalıştayı, Attendee, Bartın, Turkey, 2019

FETEC 2019 - 2nd International Symposium of Forest Engineering and Technologies, Attendee, Tirane, Albania, 2019

PEFOSS 2018 - International Symposium 'People-Forest-Science', Attendee, Sarajevo, Bosnia And Herzegovina, 2018

ORENKO 2018 - International Forest Products Congress, Attendee, Trabzon, Turkey, 2018

ORİTEK 2014 - 3. Orman İnşaatı-Transportu ve Teknolojileri Çalıştayı, Attendee, Turkey, 2014

Non Academic Experience

Other, Karadeniz Technical University, Orman Mühendisliği

Other, Karadeniz Technical University, Orman Mühendisliği

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