

## Asst. Prof. DURMUŞ ÇETİNKAYA

### Personal Information

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**Address:** Aladağ Meslek Yüksekokulu Ormancılık Bölümü ALADAĞ/ADANA

### International Researcher IDs

ScholarID: Awx4V\_gAAAAJ

ORCID: 0000-0002-3593-6437

Publons / Web Of Science ResearcherID: B-3688-2018

ScopusID: 50160965300

Yoksis Researcher ID: 12473

### Education Information

Doctorate, Isparta University Of Applied Sciences, Institute Of Graduate Programs, Orman Mühendisliği Anabilim Dalı, Turkey 2017 - 2020

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Orman Mühendisliği Anabilim Dalı, Turkey 2009 - 2011

Undergraduate, Suleyman Demirel University, Orman Fakültesi, Orman Mühendisliği Bölümü, Turkey 2003 - 2008

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Kantitatif Bitki Genetiği Eğitimi, Süleyman Demirel Üniversitesi/ Orman Fakültesi, 2017

### Dissertations

Doctorate, Kızılçam (Pinus brutia Ten.) Kesim Artıklarının Kızılçam Fidan Morfoloji ve Kalitesine Etkisi, Isparta University Of Applied Sciences, Institute Of Graduate Programs, Orman Mühendisliği, 2020

Postgraduate, Anadolu Karaçamı( Pinus Nigra Arn.Subsps.Pallasiana (Lamb.)Holmboe)'nda Yerde Kök Kesimlerinin Fidan Morfolojisi Üzerindeki Etkisi, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Orman Mühendisliği, 2011

### Research Areas

Forest engineering, Silviculture Technique, Nursery and Breeding Techniques, Plant Biology, Plant Breeding and Genetics, Natural Sciences

## Academic Titles / Tasks

Assistant Professor, Cukurova University, Aladağ Meslek Yüksekokulu, Ormancılık, 2022 - Continues  
Lecturer PhD, Cukurova University, Aladağ Meslek Yüksekokulu, Ormancılık, 2020 - 2022  
Lecturer, Cukurova University, Aladağ Meslek Yüksekokulu, Ormancılık, 2014 - 2020

## Academic and Administrative Experience

Yüksekokul Kurulu Üyesi, Cukurova University, Aladağ Meslek Yüksekokulu, 2022 - 2023  
Head of Department, Cukurova University, Aladağ Meslek Yüksekokulu, Ormancılık, 2022 - 2023  
Assistant Director of Vocational School, Cukurova University, Aladağ Meslek Yüksekokulu, 2019 - 2022  
Meslek Yüksekokulu Yönetim Kurulu Üyesi, Cukurova University, Aladağ Meslek Yüksekokulu, 2019 - 2022  
Cukurova University, Aladağ Meslek Yüksekokulu, 2017 - 2018  
Cukurova University, Aladağ Meslek Yüksekokulu, Ormancılık Bölümü, 2015 - 2016

## Courses

Ormancılıkta Ağaçlandırma Teknikleri, Postgraduate, 2023 - 2024  
Asli Ağaç Türlerimizin Fidanlık Tekniği , Postgraduate, 2023 - 2024  
Toprak Bilgisi, Associate Degree, 2021 - 2022, 2019 - 2020, 2016 - 2017  
Fidanlık Tekniği, Associate Degree, 2021 - 2022, 2020 - 2021, 2018 - 2019  
Orman Ekolojisi, Associate Degree, 2021 - 2022  
Matematik, Associate Degree, 2021 - 2022, 2016 - 2017  
Silvikültür Tekniği, Associate Degree, 2021 - 2022, 2020 - 2021  
Genel Botanik, Associate Degree, 2021 - 2022, 2019 - 2020  
Av Hayvanları İzlenmesi ve Transferi, Associate Degree, 2021 - 2022, 2020 - 2021  
Korunan Alanlar ve Milli Parklar, Associate Degree, 2021 - 2022  
Orman Amenajmanı, Associate Degree, 2021 - 2022, 2019 - 2020  
Yaban Hayatı Ekolojisi ve Yönetimine Giriş , Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Yaban Hayatı ve Yangın, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Arazi Kamp Teknikleri , Associate Degree, 2020 - 2021  
Yaban Hayatı ve Ormancılık , Associate Degree, 2020 - 2021, 2019 - 2020  
Ormancılık İş Bilgisi , Associate Degree, 2020 - 2021  
Yaban Bitkileri Sistematiği , Associate Degree, 2020 - 2021, 2019 - 2020  
Staj, Associate Degree, 2020 - 2021  
Mera Amenajmanı , Associate Degree, 2019 - 2020, 2016 - 2017  
Biyolojik Mücadele, Associate Degree, 2019 - 2020  
Genel Botanik, Associate Degree, 2019 - 2020, 2018 - 2019  
Orman Botaniği, Associate Degree, 2019 - 2020  
Kavak Ve Hızlı Gelişen Türler , Associate Degree, 2019 - 2020, 2016 - 2017  
Yaban Hayatı Ve Yangın, Associate Degree, 2018 - 2019  
Dendrometri, Associate Degree, 2018 - 2019  
Staj, Associate Degree, 2019 - 2020  
Fidanlık Tekniği, Associate Degree, 2019 - 2020  
Orman Amenajmanı, Associate Degree, 2018 - 2019  
Av Hayvanları İzlenmesi ve Transferi, Associate Degree, 2019 - 2020  
Dendrometri, Associate Degree, 2019 - 2020  
Staj, Associate Degree, 2018 - 2019  
Yaban Hayatı Ekolojisi ve Yönetimine Giriş , Associate Degree, 2018 - 2019

Genel Botanik, Associate Degree, 2019 - 2020  
Genel Botanik, Associate Degree, 2018 - 2019  
Matematik, Associate Degree, 2016 - 2017  
Fidanlık Tekniđi , Associate Degree, 2016 - 2017  
Harita Bilgisi, Associate Degree, 2016 - 2017  
Havza Amenajmanı , Associate Degree, 2016 - 2017  
Jeoloji ve Arazi Bilgisi, Associate Degree, 2016 - 2017  
Orman Amenajmanı , Associate Degree, 2016 - 2017  
Orman Bakımı , Associate Degree, 2016 - 2017  
Dendrometri, Associate Degree, 2016 - 2017  
Erozyon ve Sel Kontrolü , Associate Degree, 2015 - 2016  
Orman Kadastro Bilgisi, Associate Degree, 2014 - 2015

## **Jury Memberships**

Doctoral Examination, Doctoral Examination, Isparta Uygulamalı Bilimler Üniversitesi, December, 2024  
Doctoral Examination, Doctoral Examination, Isparta Uygulamalı Bilimler Üniversitesi, May, 2024  
Post Graduate, Post Graduate, Isparta Uygulamalı Bilimler Üniversitesi, June, 2023

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Effects of marine mucilage, land moss, and seaweed treatment on seedling morphology in Black pine (Pinus nigra), Turkish red pine (Pinus brutia) and Scots pine (Pinus sylvestris)**  
Çetinkaya D.  
PAKISTAN JOURNAL OF AGRICULTURAL SCIENCES, vol.61, no.1, pp.153-161, 2024 (SCI-Expanded)
- II. **INTERACTION BETWEEN REPRODUCTIVE AND GROWTH CHARACTERISTICS AND SOME GENETIC PARAMETERS IN TAURUS CEDAR (CEDRUS LIBANI A. RICH) FORESTS**  
Cercioglu M., ÇETİNKAYA D.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, no.6B, pp.7735-7742, 2021 (SCI-Expanded)
- III. **EFFECT OF HARVESTING RESIDUES ON SEEDLING MORPHOLOGY AND QUALITY IN BRUTIAN PINE (PINUS BRUTIA TEN.)**  
Cetinkaya D., Bilir N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, no.4A, pp.4585-4590, 2021 (SCI-Expanded)
- IV. **THE EFFECT OF DESICCATION STRESS AND HYDROGEL USE ON SEEDLING PHYSIOLOGY AND GROWTH IN Juniperus foetidissima**  
Deligoz A., YILDIZ D., Cetinkaya D.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, pp.528-533, 2011 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Effects of humic substance application on the development of Anatolian black pine seedlings**  
Çetinkaya D.  
Theoretical and Applied Forestry, vol.4, no.1, pp.1-5, 2024 (Peer-Reviewed Journal)
- II. **The effect of sapling quality on survival in afforestation studies**  
Çetinkaya D.  
Theoretical and Applied Forestry, vol.1, no.1, pp.5-8, 2023 (Peer-Reviewed Journal)
- III. **Morphological variation and quality in Anatolian black pine seedlings**  
Bilir N., Çetinkaya D.

- Theoretical and Applied Forestry, vol.2, no.1, pp.19-21, 2022 (Peer-Reviewed Journal)
- IV. **Investigation of Turkish red pine (*Pinus brutia* Ten.) seedlings in terms of morphology and quality**  
Çetinkaya D., Çerçioğlu M.  
Theoretical and Applied Forestry, vol.1, no.2, pp.40-43, 2021 (Peer-Reviewed Journal)
- V. **Farklı orijinli kızılçam (*Pinus brutia* Ten.) fidanlarının morfolojik özelliklerinin karşılaştırılması**  
Çerçioğlu M., Çetinkaya D.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.22, no.1, pp.60-66, 2021 (Peer-Reviewed Journal)
- VI. **Relationship among altitude, growth characteristics and cone production in Brutian pine (*Pinus brutia* Ten.)**  
Çerçioğlu M., Çetinkaya D.  
Turkish Journal of Forestry, vol.22, no.1, pp.17-24, 2021 (Peer-Reviewed Journal)
- VII. **Kesim artıklarının kızılçam fidecik özelliklerine etkisi**  
Çetinkaya D., Bilir N.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.21, no.2, pp.251-257, 2020 (Peer-Reviewed Journal)
- VIII. **Effect of using harvesting residues as a nursery media on seedling weight in Brutian pine (*Pinus brutia* Ten.)**  
Çetinkaya D., Bilir N.  
Reforesta, no.9, pp.37-43, 2020 (Peer-Reviewed Journal)
- IX. **Utilization Possibility from Advanced Regeneration in Brutian Pine (*Pinus brutia* Ten.)**  
Çetinkaya D.  
International Journal of Science and Research Methodology, vol.14, no.2, pp.108-115, 2019 (Peer-Reviewed Journal)
- X. **Toros sediri'nde (*Cedrus libani* A. Rich.) fidan tipi x fidan morfolojisi etkileşimi.**  
Çetinkaya D., Bilir N.  
Mehmet Akif Ersoy Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, pp.28-33, 2019 (Peer-Reviewed Journal)
- XI. **Seed Characteristics in Orchard and Stand Populations of Anatolian Black Pine**  
Çetinkaya D.  
International Journal of Scientific Research in Science and Technology, vol.4, no.5, pp.1580-1584, 2018 (Peer-Reviewed Journal)
- XII. **Investigation of Plantations in Isparta-Yalvac District of Turkey**  
Özel S., Çetinkaya D., Bilir N.  
International Journal for Research in Applied Science and Engineering Technology, vol.6, no.2, pp.1899-1903, 2018 (Peer-Reviewed Journal)
- XIII. **Germination Characters under Water Stress in Anatolian Black Pine Populations**  
Çetinkaya D., Çerçioğlu M.  
International Journal for Research in Applied Science and Engineering Technology, vol.5, no.5, pp.100-104, 2017 (Peer-Reviewed Journal)
- XIV. **Variation in Seed Characteristic among Anatolian Black Pine Populations**  
Çetinkaya D., Çerçioğlu M.  
International Journal for Research in Applied Science & Engineering Technology, vol.5, no.3, pp.690-693, 2017 (Peer-Reviewed Journal)
- XV. **Anadolu Karaçamı (*Pinus nigra* Arn. subsp. *pallasiana* (Lamb.) Holmboe)'nda Yerinde Kök Kesimlerinin Fidan Morfolojisi Üzerindeki Etkisi.**  
Çetinkaya D., Deligöz A.  
Bartın Orman Fakültesi Dergisi, vol.14, pp.49-58, 2012 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Avcılık ve Yaban Hayatı (Meslek Yüksekokulları İçin)**  
Uçar Y. (Editor), Çetinkaya D. (Editor)

Akademisyen Yayınevi Kitabevi, Adana, 2024

**II. ORMANCILIKTA FIDAN KALİTESİ**

Çetinkaya D.

in: Ziraat, Orman ve Su Ürünleri Alanında Uluslararası Çalışmalar, Doç.Dr. Ali BOLAT,Dr. Öğr. Üyesi İlhami TOZLU, Editor, Serüven Yayınevi, Ankara, pp.29-44, 2023

**III. BİYOTEKNOLOJİ UYGULAMALARININ ORMANCILIKTAKİ ROLÜ**

Çetinkaya D.

in: Ziraat & Orman, Su Ürünleri Alanında Akademik Çalışmalar, Prof. Dr. Ş. Şebnem ELLİATLIOĞLU,Dr. Öğr. Üyesi İlhami TOZLU, Editor, Gece Kitaplığı, Ankara, pp.87-102, 2023

**Refereed Congress / Symposium Publications in Proceedings**

**I. CEDRUS LIBANI'DE YAŞ GRUPLARINA GÖRE KOZALAK VERİMİ**

Bilir N., Çetinkaya D.

2. INTERNATIONAL MEDITERRANEAN CONGRESS , Bayrut, Lebanon, 2 - 03 February 2023, pp.38-43

**II. Tüplü ve Çıplak Köklü Anadolu Karaçamı Fidanlarında Morfolojik Özellikler**

Özbey A. A., Çetinkaya D., Bilir N.

1st International Conference on Scientific and Academic Research, Konya, Turkey, 10 - 13 December 2022, pp.199-203

**III. Menengiç'te (Pistacia Terebinthus) Morfolojik Özelliklerin Tepe Tacı Gelişimine Etkisi**

Çetinkaya D.

10. Uluslararası Bilimsel Çalışmalar Kongresi, Elazığ, Turkey, 28 - 30 November 2022, pp.88-91

**IV. Morphological Characteristics and Quality in Turkish Red Pine (Pinus brutia Ten.) Seedlings**

Çetinkaya D., Bilir N.

2. Global Conference on Engineering Research, Balıkesir, Turkey, 7 - 10 September 2022, pp.89-92

**V. Variation of morphology and quality in 1+0 yearcontainerized and bare-root seedlings of Taurus cedar (Cedrus libani)**

Bilir N., Çetinkaya D.

REFORESTATION CHALLENGES 4th International Conference, Podgorica, Montenegro, 20 - 22 June 2018, pp.10

**VI. MORPHOLOGY AND QUALITY OF 2+0 YEAR TAURUS CEDAR (CEDRUS LIBANI A. RICH.) SEEDLINGS**

ÇETİNKAYA D., BİLİR N.

II. International Congress on Multidisciplinary Studies, Adana, Turkey, 4 - 05 May 2018, pp.1026

**VII. MORPHOLOGICAL CHARACTERISTICS IN SEED ORCHARD AND SEED STAND SEEDLINGS OF BRUTIAN PINE (PINUS BRUTIA TEN.)**

Bilir N., Çetinkaya D.

II. International Congress on Multidisciplinary Studies, Adana, Turkey, 4 - 05 May 2018, pp.1094

**VIII. Spatial Data Production with Unmanned Aerial Vehicles**

ADIGÜZEL F., KAYA E., ÇERÇİOĞLU M., ÇETİNKAYA D.

International Advanced Researches Engineering Congress-2017, 16 - 18 November 2017

**IX. Effects on germination of red pine (Pinusbrutia) bark**

Çetinkaya D., Bilir N.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.346-351

**X. Interaction between Cone Production and Growth Traits in a Mediterranean Cypress (Cupressus sempervirens L.) Plantation.**

Bilir N., Çerçioğlu M., Çetinkaya D.

Seed Orchard Conference -2017, Uppsala, Sweden, 4 - 06 September 2017, pp.64

**XI. Effect of Biotic Stress on Strobili and Cone Productions in a Natural Population of Brutian Pine (Pinus brutia Ten.).**

Bilir N., Çetinkaya D., Çerçioğlu M.

## Supported Projects

Çetinkaya D., Bilir N., Project Supported by Higher Education Institutions, Atık madde olarak kül kullanımının Japon kavağı (*Brachychiton populneus* Schott) ve Sarıçam (*Pinus sylvestris* L) fidan morfolojisine etkisi, 2022 - 2023

POLAT S., ŞAPCI H., KEŞMER C., ERGİN C., DEMİRCİ S., ÇETİNKAYA D., BİLGER E., Project Supported by Higher Education Institutions, Aladağ Meslek Yüksekokulu Madencilik ve Maden Çıkarma Laboratuvarı ile Ormancılık Laboratuvarı Altyapısının Oluşturulması, 2014 - 2015

## Activities in Scientific Journals

American Journal of Agriculture and Forestry, Committee Member, 2022 - Continues

Theoretical and Applied Forestry, Committee Member, 2021 - 2022

## Memberships / Tasks in Scientific Organizations

ORMAN MÜHENDİSLERİ ODASI, Member, 2008 - Continues, Turkey

## Scientific Refereeing

BIOLOGY BULLETIN, SCI Journal, October 2024

Geography, Environment, Sustainability, Other Indexed Journal, September 2024

Research Advances and Challenges in Agricultural Sciences, Chapter Scientific / Professional Book Published by Other Publishers, December 2023

International Journal of Plant & Soil Science, Other Indexed Journal, March 2023

Journal of Complementary and Alternative Medical Research, Other Indexed Journal, March 2023

UTTAR PRADESH JOURNAL OF ZOOLOGY, SCI Journal, February 2023

International Journal of Environment and Climate Change , Other Indexed Journal, January 2023

Asian Journal of Research in Botany, Other Indexed Journal, December 2022

Asian Journal of Research in Crop Science, Other Indexed Journal, December 2022

Asian Journal of Research in Agriculture and Forestry, Other Indexed Journal, November 2022

International Journal of Plant & Soil Science, Other Indexed Journal, August 2022

Asian Journal of Fisheries and Aquatic Research , Other Indexed Journal, July 2022

Anadolu Orman Araştırmaları Dergisi, National Scientific Refreed Journal, July 2022

International Journal of Environment and Climate Change , Other Indexed Journal, July 2022

Annual Research & Review in Biology, Other Indexed Journal, July 2022

International Journal of Environment and Climate Change, Other Indexed Journal, June 2022

Asian Journal of Biotechnology and Genetic Engineering, Other Indexed Journal, June 2022

European Journal of Nutrition & Food Safety, Other Indexed Journal, June 2022

Asian Journal of Soil Science and Plant Nutrition , Other Indexed Journal, May 2022

International Journal of Plant & Soil Science, Other Indexed Journal, May 2022

Forestry Engineering Journal, Other Indexed Journal, April 2022

Asian Journal of Biology, Other Indexed Journal, April 2022

International Journal of Plant & Soil Science, Other Indexed Journal, April 2022

Theoretical and Applied Forestry (TAFOR), Other Indexed Journal, March 2022

Asian Journal of Agricultural and Horticultural Research, Other Indexed Journal, March 2022

Asian Plant Research Journal , Other Indexed Journal, February 2022

Asian Journal of Research in Botany, Other Indexed Journal, December 2021  
Asian Journal of Research in Botany, Other Indexed Journal, November 2021  
Plant Cell Biotechnology and Molecular Biology, Other Indexed Journal, November 2021  
Journal of Global Ecology and Environment , Other Indexed Journal, October 2021  
Annual Research & Review in Biology, Other Indexed Journal, October 2021  
International Journal of Biochemistry Research & Review, Other Indexed Journal, September 2021  
Journal of Advances in Microbiology, Other Indexed Journal, September 2021  
Journal of Experimental Agriculture International, Other Indexed Journal, September 2021  
Asian Journal of Agricultural and Horticultural Research, Other Indexed Journal, September 2021  
Plant Cell Biotechnology and Molecular Biology, Other Indexed Journal, September 2021  
Plant Cell Biotechnology and Molecular Biology, Other Indexed Journal, August 2021  
International Journal of Environment and Climate Change, Other Indexed Journal, July 2021  
Theoretical and Applied Forestry, Other Indexed Journal, May 2021  
Bartın Üniversitesi Uluslararası Fen Bilimleri Dergisi, Other Indexed Journal, March 2021  
Plant Cell Biotechnology and Molecular Biology, Other Indexed Journal, October 2020

## **Tasks In Event Organizations**

Çetinkaya D., Uluslararası Hassas Tarım Uygulamaları ve Yenilikçi İşleme Teknolojileri Kongresi, Scientific Congress, Karaman, Turkey, Ekim 2025

## **Metrics**

Publication: 33

## **Congress and Symposium Activities**

2. INTERNATIONAL MEDITERRANEAN CONGRESS, Session Moderator, Bayrut, Lebanon, 2023  
Uluslararası Bilimsel Çalışmalar Kongresi, Session Moderator, Elazığ, Turkey, 2022  
2. Global Conference on Engineering Research, Attendee, Balıkesir, Turkey, 2022  
Reforestation Challenges 4th International Conference, Attendee, Belgrade, Serbia, 2018  
II. International Congress on Multidisciplinary Studies, Attendee, Adana, Turkey, 2018  
II. International Mediterranean Science and Engineering Congress , Attendee, Adana, Turkey, 2017  
Seed Orchard Conference, Attendee, Uppsala, Sweden, 2017