

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği, Turkey 2008 - 2014

Postgraduate, Hacettepe University, Fen Bilimleri, Ağaç İşleri Endüstri Mühendisliği, Turkey 2003 - 2006

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 1999 - 2003

## Foreign Languages

English, B2 Upper Intermediate

## Certificates, Courses and Trainings

Education Management and Planning, Erasmus Personel Hareketliliği Eğitim Programı, University of Natural Resources and Life Sciences Vienna, 2014

Education Management and Planning, Avrupa Birliği Hibe Projesi Tam Başvuru Hazırlama Eğitimi, TC. Çalışma ve Sosyal Güvenlik Bakanlığı, 2013

Education Management and Planning, Doğa Bilimlerinde Araştırma Projesi Hazırlama Eğitimi (TUBİTAK-2237), Karadeniz Teknik Üniversitesi, 2013

Education Management and Planning, Bilimsel Araştırma ve Yayın Etiği Semineri, Karadeniz Teknik Üniversitesi/Orman Fakültesi, 2013

Education Management and Planning, Erasmus Öğrenci Değişim Programı (7 ay), University of Natural Resources and Life Sciences Vienna, 2009

Education Management and Planning, Kalite Yönetim Sistemi Temel Eğitimi, Türk Standartları Enstitüsü Ankara, 2006

Foreign Language, Yabancı Dil Sertifika Programı (8 ay), Hacettepe Üniversitesi, 2003

## Dissertations

Doctorate, Doğu Karadeniz bölgesi yayla evlerinde kullanılan ahşap malzemenin dış hava koşullarına karşı dayanımının artırılması, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği, 2014  
Postgraduate, Yüksek Basınçla Preslenmiş Kağıt Esaslı Reçine Kaplaması (HPL Laminat) Üretiminde Farklı Özellikte Astar ve Üst Katman Kullanımının Malzeme Kalitesine Etkileri, Hacettepe University, Fen Bilimleri, Ağaç İşleri Endüstri Mühendisliği, 2006

## Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Forest Products Chemistry and Technology, Forest Products Chemistry, Wood chemistry, Forest Biology and Wood Protection Technology, Structure, Timber Structures, Material science and engineering, Surface Finishing Processes, Engineering and Technology

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2024 - Continues  
Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2018 - 2024  
Associate Professor, Eidgenössische Technische Hochschule, ETHZ (The Federal Institute of Technology, Zürich), Dep. of Civil, Env. and Geomatic Eng., Wood science, 2022 - 2023  
Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2015 - 2018  
Lecturer PhD, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2015 - 2015  
Lecturer PhD, Karadeniz Technical University, Of Teknoloji Fakültesi, Ağaç İşleri Endüstri Mühendisliği, 2014 - 2015  
Lecturer, Karadeniz Technical University, Of Teknoloji Fakültesi, Mobilya ve Dekorasyon Eğitimi, 2009 - 2014  
Lecturer, Universitaet für Bodenkultur Wien, Wood material science, 2009 - 2010

## Courses

### Postgraduate

YÜKSEK LİSANS TEZİ, Postgraduate, 2018 - 2019  
Dış Mekana Uygun Ahşap Yüzey İşlemleri, Postgraduate, 2018 - 2019  
Akrilik Esaslı Ahşap Koruyucu Vernikler, Postgraduate, 2018 - 2019  
Yayla Evlerinde Ahşap Koruma Teknolojisi, Postgraduate, 2018 - 2019, 2016 - 2017  
Dış Mekanda Kullanılan Ahşap Koruyucu Yüzey İşlemleri, Postgraduate, 2016 - 2017

### Undergraduate

Odun Kompozitlerinde Koruma Yöntemleri, Undergraduate, 2017 - 2018  
Bitirme Çalışması, Undergraduate, 2017 - 2018  
PROJE-I, Undergraduate, 2017 - 2018  
Mühendislik Tasarım Projesi, Undergraduate, 2017 - 2018  
Emprenye Endüstrisinde Çevre Kirliliği, Undergraduate, 2016 - 2017  
Üst Yüzey İşlem Teknikleri-I, Undergraduate, 2012 - 2013  
Odun Zararlıları ve Odun Koruma, Undergraduate, 2011 - 2012  
Ağaç İşleri Alet ve Makineleri, Undergraduate, 2010 - 2011

## Supervised Theses

Özgenç Keleş Ö., Isıl İşlem ile Modifiye Edilmiş Odunun Dış Mekandaki Dayanımına Bazı Yağ Esaslı Yüzey Koruma Maddelerinin Etkisi, Postgraduate, H.Çidem(Student), Continues  
Özgenç Keleş Ö., Bazı ağaç kabuk ekstraktları ile odunun dış ortam dayanımının artırılması, Postgraduate,

D.GÜNERİ(Student), 2022

Özgenç Keleş Ö., Ağaç kabuk ekstraktı içeren akrilik esaslı vernik sistemleri ile ön korumalı ve korumasız ahşap malzeme yüzeyinin dış mekân dayanımının artırılması, Postgraduate, E.BİLİCİ(Student), 2022

## Jury Memberships

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, June, 2019

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

- I. **The effect of zinc oxide nanoparticles on the weathering performance of wood-plastic composites**  
Durmaz S., ÖZGENÇ KELEŞ Ö., ARAS U., Erdil Y. Z., Mengeloglu F.  
COLORATION TECHNOLOGY, vol.139, no.4, pp.430-440, 2023 (SCI-Expanded)
- II. **Improvement of weathering and thermal resistance of wood-plastic composites with iron oxide nanoparticles**  
Durmaz S., Özgenç Keleş Ö., Aras U., Avcı E., Atar I.  
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, no.2023, pp.1-17, 2023 (SCI-Expanded)
- III. **A SYNERGIC EFFECT OF WATER-BASED ACRYLIC RESIN WITH BORIC ACID ON LEACHABILITY**  
Özgenç Keleş Ö., Durmaz S.  
WOOD RESEARCH, vol.68, no.2, pp.268-278, 2023 (SCI-Expanded)
- IV. **Accelerated weathering performance of wood-plastic composites reinforced with carbon and glass fibre-woven fabrics**  
Durmaz S., Erdil Y. Z., Özgenç Ö.  
COLORATION TECHNOLOGY, vol.138, no.1, pp.71-81, 2022 (SCI-Expanded)
- V. **Enhancing weathering durability of pre-protected and unprotected wood by using bark extracts as natural UV absorbers in waterborne acrylic coating**  
Ozgenç O., Bilici E., Durmaz S., SÖĞÜTLÜ C., Emik S.  
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.19, no.1, pp.303-321, 2022 (SCI-Expanded)
- VI. **THE CHANGES IN THE SURFACE OF FLAT PRESSED WOOD-PLASTIC COMPOSITES EXPOSED TO ARTIFICIAL WEATHERING**  
Durmaz S., ÖZGENÇ KELEŞ Ö.  
WOOD RESEARCH, vol.67, no.4, pp.636-647, 2022 (SCI-Expanded)
- VII. **DURABILITY IN OUTDOOR CONDITIONS OF COATING SYSTEMS BASED ON WATERBORNE ACRYLIC RESIN WITH COMMERCIAL UV ABSORBER AND TREE BARK EXTRACT**  
Ozgenç Ö., Durmaz S., Kustas S., Bilici E.  
DREWNO, vol.64, no.207, pp.111-124, 2021 (SCI-Expanded)
- VIII. **Weathering performance of waterborne acrylic coating systems on flat-pressed wood-plastic composites**  
DURMAZ S., ÖZGENÇ Ö., AVCI E., BOYACI İ. H.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.14, 2020 (SCI-Expanded)
- IX. **Evaluation of the weathering resistance of waterborne acrylic- and alkyd-based coatings containing HALS, UV absorber, and bark extracts on wood surfaces**  
Özgenç Ö., Durmaz S., Sahin S., Boyacı İ. H.  
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.17, no.2, pp.461-475, 2020 (SCI-Expanded)
- X. **COMPARISON OF DURABILITY OF WOOD COATINGS CONTAINING DIFFERENT WATERBORNE ACRYLIC RESINS AND UV ABSORBERS IN NATURAL WEATHERING**  
Özgenç Ö.  
DREWNO, vol.63, no.206, pp.47-61, 2020 (SCI-Expanded)
- XI. **Characterization of fossil Sequoioxylon wood using analytical instrumental techniques**

- ÖZGENÇ Ö., DURMAZ S., SERDAR B., BOYACI İ. H., Eksi-Kocak H., ÖZTÜRK M.  
VIBRATIONAL SPECTROSCOPY, vol.96, pp.10-18, 2018 (SCI-Expanded)
- XII. **ATR-FTIR SPECTROSCOPIC ANALYSIS OF THERMALLY MODIFIED WOOD DEGRADED BY ROT FUNGI**  
ÖZGENÇ Ö., DURMAZ S., BOYACI İ. H., Eksi-Kocak H.  
DREWNO, vol.61, no.201, pp.91-105, 2018 (SCI-Expanded)
- XIII. **Comparative phytochemical analysis of volatile organic compounds by SPME-GC-FID/MS from six coniferous and nine deciduous tree bark species grown in Turkey**  
Ozgenç Ö., Durmaz S., Celik G., Korkmaz B., Yayli N.  
SOUTH AFRICAN JOURNAL OF BOTANY, pp.23-28, 2017 (SCI-Expanded)
- XIV. **Determination of chemical changes in heat-treated wood using ATR-FTIR and FT Raman spectrometry**  
ÖZGENÇ Ö., Durmaz S., BOYACI İ. H., Eksi-Kocak H.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.171, pp.395-400, 2017 (SCI-Expanded)
- XV. **Chemical Analysis of Tree Barks using ATR-FTIR Spectroscopy and Conventional Techniques**  
ÖZGENÇ Ö., DURMAZ S., KUSTAS S.  
BIORESOURCES, vol.12, no.4, pp.9143-9151, 2017 (SCI-Expanded)
- XVI. **WEATHERING PERFORMANCE OF A WOOD SURFACE COATED WITH ACRYLIC RESIN CONTAINING UV ABSORBER**  
ÖZGENÇ Ö.  
DREWNO, vol.60, no.200, pp.35-49, 2017 (SCI-Expanded)
- XVII. **Weathering Resistance of Oriental Spruce Wood Treated with Different Protection Processes**  
ÖZGENÇ Ö., YILDIZ Ü. C.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.28, no.8, 2016 (SCI-Expanded)
- XVIII. **Examination of the chemical changes in spruce wood degraded by brown-rot fungi using FT-IR and FT-Raman spectroscopy**  
Durmaz S., ÖZGENÇ Ö., BOYACI İ. H., YILDIZ Ü. C., Erisir E.  
VIBRATIONAL SPECTROSCOPY, vol.85, pp.202-207, 2016 (SCI-Expanded)
- XIX. **Protection against Weathering Using Micronized Copper Quat and Heat Treatment Methods on Wood for Construction of Mountain Houses**  
ÖZGENÇ Ö., YILDIZ Ü. C.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.28, no.6, 2016 (SCI-Expanded)
- XX. **SURFACE CHARACTERISTICS OF WOOD TREATED WITH NEW GENERATION PRESERVATIVES AFTER ARTIFICIAL WEATHERING**  
ÖZGENÇ Ö., YILDIZ Ü. C.  
WOOD RESEARCH, vol.59, no.4, pp.605-616, 2014 (SCI-Expanded)
- XXI. **Wood Surface Protection against Artificial Weathering with Vegetable Seed Oils**  
ÖZGENÇ Ö., OKAN O. T., YILDIZ Ü. C., DENİZ İ.  
BIORESOURCES, vol.8, no.4, pp.6242-6262, 2013 (SCI-Expanded)
- XXII. **WEATHERING PROPERTIES OF WOOD SPECIES TREATED WITH DIFFERENT COATING APPLICATIONS**  
ÖZGENÇ Ö., Hiziroglu S., YILDIZ Ü. C.  
BIORESOURCES, vol.7, no.4, pp.4875-4888, 2012 (SCI-Expanded)
- XXIII. **IMPROVING OF THE IMPREGNABILITY OF REFRACTORY SPRUCE WOOD BY BACILLUS LICHENIFORMIS PRETREATMENT**  
YILDIZ S., ÇANAĞCI S., YILDIZ Ü. C., Ozgenç Ö., Tomak E. D.  
BIORESOURCES, vol.7, no.1, pp.565-577, 2012 (SCI-Expanded)
- XXIV. **Effect of different layer structures on some resistance characteristics of high-pressure laminates**  
Burdurlu E., ÖZGENÇ Ö.  
FOREST PRODUCTS JOURNAL, vol.59, no.4, pp.69-75, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Usability Evaluation of the Online Skill Assessment Tool**  
Yıldız M., Berigel M., Kalyoncu F., Özgenç Keleş Ö.  
Acta Infologica, vol.6, no.1, pp.19-32, 2022 (Peer-Reviewed Journal)
- II. **INCREASING THE OUTDOOR DURABILITY OF UREA FORMALDEHIDE PARTICLE BOARD WITH NEW GENERATION WATER-BORNE ACRYLIC COATINGS**  
ÖZGENÇ Ö., NEMLİ G.  
Sigma Journal of Engineering and Natural Sciences, vol.11, no.2, pp.159-166, 2020 (ESCI)
- III. **DETERMINATION OF PHENOLIC SUBSTANCES AND ANTIOXIDANT ACTIVITY IN SOME TREE BARK EXTRACTS**  
Özgenç Ö., Durmaz S., Şahin Sevgili S., Ali Elhussein E. A.  
Wood Industry and Engineering, vol.2, no.1, pp.1-5, 2020 (Peer-Reviewed Journal)
- IV. **Comparison of Some Physical and Mechanical Properties of Waterborne Acrylic Coating Systems Containing Commercial UV Absorbers and Tree Bark Extracts**  
Özgenç Ö., Kustas S., Durmaz S.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.19, no.3, pp.310-316, 2019 (ESCI)
- V. **AĞAÇ KABUK EKSTRAKTI İÇEREN SU BAZLI AKRİLİK YÜZEY SİSTEMLERİNİN DIŞ ORTAM KOŞULLARINDAKİ DAYANIMI**  
ÖZGENÇ Ö., KUŞTAŞ S., DURMAZ S.  
Düzce Üniversitesi İleri Teknoloji Bilimleri Dergisi (İTBD), vol.6, no.3, pp.41-51, 2017 (Peer-Reviewed Journal)
- VI. **Ağaç Kabuk Ekstraktı İçeren Su Bazlı Akrilik yüzey Sistemlerinin Dış Ortam Koşullarındaki Dayanımı**  
ÖZGENÇ Ö., KUŞTAŞ S., DURMAZ S.  
Düzce Üniversitesi İleri Teknoloji Bilimleri Dergisi, pp.41-51, 2017 (Peer-Reviewed Journal)
- VII. **COATING SYSTEMS BASED ON ACRYLIC RESINS WITH UV ABSORBERS - DETERMINATION OF SOME PHYSICAL, CHEMICAL AND MECHANICAL PROPERTIES**  
ÖZGENÇ Ö.  
ProLigno, no.13, pp.18-22, 2017 (Peer-Reviewed Journal)
- VIII. **Coating Systems Based on Acrylic with UV Absorbers Determination of Some Physical, Chemical and Mechanical Properties**  
ÖZGENÇ Ö.  
ProLigno, vol.13, no.3, pp.18-22, 2017 (Peer-Reviewed Journal)
- IX. **A comparison between some wood bark extracts: Antifungal activity**  
ÖZGENÇ Ö., DURMAZ S., YILDIZ Ü. C., Erisir E.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.502-508, 2017 (ESCI)
- X. **COMPARING DURABILITY OF WOOD MATERIAL IN NATURAL AND ARTIFICIAL WEATHERING CONDITIONS**  
ÖZGENÇ Ö.  
ProLigno, vol.12, no.4, pp.3-11, 2016 (Peer-Reviewed Journal)
- XI. **Bazı Ağaç Kabuk Ekstraktlarının Antifungal özelliklerinin Belirlenmesi**  
ÖZGENÇ Ö., DURMAZ S., KUŞTAŞ S., ERİŞİR E.  
İleri Teknoloji Bilimleri Dergisi, vol.5, no.1, pp.147-152, 2016 (Peer-Reviewed Journal)
- XII. **Bazı Odun Kabuklarının Kimyasal Analizi**  
DURMAZ S., KUŞTAŞ S., ÖZGENÇ Ö., YILDIZ Ü. C.  
DÜZCE ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİ, vol.4, no.2, pp.438-442, 2016 (Peer-Reviewed Journal)
- XIII. **BAZI AĞAÇ KABUK EKSTRAKTLARININ ANTİFUNGAL ÖZELLİKLERİNİN BELİRLENMESİ**  
ÖZGENÇ Ö., DURMAZ S., KUŞTAŞ S., ERİŞİR E.  
İleri Teknoloji Bilimleri Dergisi, vol.5, no.1, pp.147-152, 2016 (Peer-Reviewed Journal)
- XIV. **Dış ortam koşullarında bazı poliüretan esaslı üst yüzey sistemlerinin odun yüzeyini koruma performansı**  
Özgenç Ö.

Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.16, no.1, pp.65-71, 2015 (Peer-Reviewed Journal)

- XV. **PROTECTIVE EFFECT OF COATING ON MECHANICAL PROPERTIES OF WOOD MATERIALS EXPOSED TO NATURAL WEATHERING**  
ÖZGENÇ Ö., YILDIZ Ü. C., YILDIZ S.  
ProLigno, vol.11, no.1, pp.26-31, 2015 (Scopus)
- XVI. **The effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**  
DEMİRKIR C., ÖZGENÇ Ö., ÇOLAKOĞLU G., YILDIZ Ü. C., ÇOLAK S., AYDIN İ.  
Journal Materials Science and Engineering with Advanced Technology, vol.9, no.1, pp.27-49, 2014 (Peer-Reviewed Journal)
- XVII. **Odun Yüzeylerinin Bazı Yeni Nesil Emprenye Maddeleri ve Üst Yüzey İşlemleri ile Açık Hava Etkilerine Karşı Korunması**  
ÖZGENÇ Ö., YILDIZ Ü. C., YILDIZ S.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.14, no.2, pp.203-205, 2013 (Peer-Reviewed Journal)
- XVIII. **Induline SW 900 Su Bazlı Emprenye Maddesi Uygulanan Odunun Hızlandırılmış Dış Ortam Testine Olan Dayanımı**  
ÖZGENÇ Ö., YILDIZ Ü. C.  
KSÜ Mühendislik Bilim Dergisi, vol.Özel Sayı, pp.56-61, 2012 (Peer-Reviewed Journal)

### **Papers Published in Refereed Scientific Meetings**

- I. **The effect of boron compounds on the weathering and fire resistance of wood-plastic composites**  
DURMAZ S., ÖZGENÇ KELEŞ Ö., ARAS U., ERDİL Y. Z., AVCI E., KURTULUŞ O. Ç.  
3rd International Conference on Environment and Forest Conservation, Kastamonu, Turkey, 21 - 23 February 2022
- II. **Increasing the Weathering Durability of the Wood Surface with Tree Bark Extractive Solution**  
Özgenç Ö., Güneri D., Durmaz S., Bilici E.  
INNORENEW COE INTERNATIONAL CONFERENCE 2021, Ljubljana, Slovenia, 10 - 11 June 2021, vol.1, no.1, pp.43-44
- III. **EVALUATION OF OUTDOOR DURABILITY OF ACRYLIC COATINGS CONTAINING TREE BARK EXTRACT OF WOOD MATERIAL TO BE USED IN GARDEN FURNITURE, PART I: SURFACE COLOR, ROUGHNESS AND CHEMICAL STRUCTURE**  
ÖZGENÇ Ö., BİLİCİ E.  
VI. INTERNATIONAL FURNITURE CONGRESS, Trabzon, Turkey, 2 - 05 November 2020
- IV. **EVALUATION OF OUTDOOR DURABILITY OF ACRYLIC COATINGS CONTAINING TREE BARK EXTRACT OF WOOD MATERIAL TO BE USED IN GARDEN FURNITURE, PART II: DRY FILM THICKNESS AND ADHESION STRENGTH**  
ÖZGENÇ Ö., BİLİCİ E.  
VI. INTERNATIONAL FURNITURE CONGRESS, Trabzon, Turkey, 02 November 2020 - 05 February 2021
- V. **INCREASING THE OUTDOOR DURABILITY OF UREA FORMALDEHYDE PARTICLEBOARDS WITH NEW GENERATION WATER-BORNE ACRYLIC COATINGS**  
ÖZGENÇ Ö., NEMLİ G.  
International Forest Products Congress (ORENKO 2020), Trabzon, Turkey, 23 - 24 September 2020
- VI. **Assessment of basic skills of low qualified adults in Turkey for labor market: Needs analysis**  
Berigel M., Adıyaman O., Özgenç Ö., Kalyoncu F., Yıldız M.  
9th Teaching & Education Virtual Conference, Praha, Czech Republic, 23 - 24 June 2020, vol.1, pp.1-8
- VII. **SOME PHYSICAL AND CHEMICAL PROPERTIES OF ACRYLIC VARNISH SYSTEMS WITH BARK EXTRACT AND UV ABSORBER**  
ÖZGENÇ Ö., BİLİCİ E., DURMAZ S., EMİK S.  
The XXIXTH International Conference Research for Furniture Industry, Ankara, Turkey, 19 - 20 September 2019

- VIII. **INFLUENCE OF WATER BORNE ACRYLIC COATINGS CONTAINING TREE BARK EXTRACT ON WEATHERING RESISTANCE OF WOOD**  
ÖZGENÇ Ö., BİLİCİ E.  
VIII.INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA (IMCOFE 2019), Trabzon, Turkey, 24 - 26 April 2019
- IX. **EFFECT OF WATERBORNE ACRYLIC VARNISHES CONTAINING BARK EXTRACT ON THE WEATHERING PERFORMANCE OF IMPREGNATED WOOD**  
ÖZGENÇ Ö., BİLİCİ E., DURMAZ S.  
VIII.INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA (IMCOFE 2019), Trabzon, Turkey, 24 - 26 April 2019
- X. **DETERMINATION OF PHENOLIC SUBSTANCE AND ANTIOXIDANT ACTIVITY IN SOME TREE CRUST EXTRACTS**  
ÖZGENÇ Ö., DURMAZ S., ŞAHİN SEVGİLİ S., Elhussein e. a. a.  
The International Multidisciplinary Congress of Eurasia (IMCOFE), Antalya, Turkey, 24 - 26 April 2019, pp.333-337
- XI. **Enhancing outdoor durability of heat treated wood surface by photo-stabilization with waterborne acrylic coating using bark extract**  
ÖZGENÇ Ö., BİLİCİ E.  
COST Action FP1407 – Final conference “Living with modified wood”, Belgrade, Serbia And Montenegro, 12 - 13 December 2018, pp.98-99
- XII. **Comparison of Durability of Different Water-Borne Acrylic Resin with UV Absorber Wood Coating Systems in Natural Weathering**  
ÖZGENÇ Ö.  
International Forest Products Congress, Trabzon, Turkey, 26 - 29 September 2018, pp.60-72
- XIII. **DURABILITY OF WATER-BORNE ACRYLIC RESIN WITH COMMERCIAL UV ABSORBER AND TREE BARK EXTRACT COATING SYSTEMS IN OUTDOOR CONDITIONS**  
ÖZGENÇ Ö., Durmaz S., Kuştaş S., Bilici E.  
International Forest Products Congress, Trabzon, Turkey, 26 - 29 September 2018, pp.50-59
- XIV. **The Performance of Water-Borne Acrylic Coating Systems on Flat-Pressed Wood Plastic Composites**  
DURMAZ S., ÖZGENÇ Ö., AVCI E.  
International Forest Products Congress, Trabzon, Turkey, 26 - 29 September 2018, pp.106-102
- XV. **Comparison of Some Physical and Mechanical Properties in Water- Borne Acrylic Resin with Commercial UV Absorber and Tree Bark Extract Coating Systems**  
ÖZGENÇ Ö., KUŞTAŞ S.  
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018, pp.1816-1825
- XVI. **AĞAÇ KABUK EKSTRAKTI İÇEREN SU BAZLI AKRİLİK YÜZEY SİSTEMLERİNİN DIŞ ORTAM KOŞULLARINDAKİ DAYANIMI**  
ÖZGENÇ Ö., KUŞTAŞ S., DURMAZ S.  
4. Uluslararası Mobilya ve Dekorasyon Kongresi, Düzce, Turkey, 19 - 21 October 2017
- XVII. **DETERMINATION OF LEACH RESISTANT AND LIMITED OXYGEN INDEX LEVELS OF DIFFERENT WATER BASED ACRYLIC WOOD-CLEAR COATING SYSTEMS**  
DURMAZ S., ÖZGENÇ Ö., ARAS U., YENİOCAK M.  
3rd International Conference “WOOD TECHNOLOGY & PRODUCT DESIGN, Ohrid, Macedonia, 11 - 14 September 2017, pp.1-8
- XVIII. **COMPARISON OF RESISTANCE OF SOME WATER BASED ACRYLIC RESIN BASED WOOD COATING SYSTEMS AGAINST OUTDOOR CONDITIONS**  
ÖZGENÇ Ö., DURMAZ S.  
3rd International Conference “WOOD TECHNOLOGY & PRODUCT DESIGN, Ohrid, Macedonia, 4 - 14 September 2017, pp.1-9
- XIX. **The Protective Effect of Different Tree Bark Extractives against Decay Fungi**  
ÖZGENÇ Ö., Durmaz S.

- IRG48 Scientific Conference on Wood Protection, Gent, Belgium, 4 - 07 June 2017, pp.1-8
- XX. **The Comparison of Weathering Resistance of New Generation Wood-Coating Systems**  
ÖZGENÇ Ö., DURMAZ S.  
IRG48 Scientific Conference on Wood Protection, Ghent, Belgium, 4 - 07 June 2017, pp.1-9
- XXI. **Decay Resistance of MDF Manufactured with Huntite- Hydromagnesite and Zinc borate**  
BAŞER U. E., USTAÖMER D., ÖZGENÇ Ö.  
IRG48 Scientific Conference on Wood Protection, Ghent, Belgium, 4 - 07 June 2017, pp.1-9
- XXII. **A COMPARISON BETWEEN SOME WOOD BARK EXTRACTS ANTIFUNGAL ACTIVITY**  
ÖZGENÇ Ö., DURMAZ S., YILDIZ Ü. C., ERİŞİR E.  
IFS 2016 INTERNATIONAL FORESTRY SYMPOSIUM, 7 - 10 December 2016
- XXIII. **Laboratory performance evaluation of some commercial wood finishing systems**  
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## Supported Projects

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Aras U., Durmaz S., Erdil Y. Z., Avcı E., Özgenç Keleş Ö., TUBITAK Project, Bazı Metal Oksit Nanopartiküllerin (TiO<sub>2</sub>, ZnO, Fe<sub>2</sub>O<sub>3</sub>) Katkısı ile Odun Plastik Kompozitlerinin Dış Ortam Ve Yanma Dayanımlarının İyileştirilmesi, 2021 - 2022

Özgenç Ö., EU Supported Other Project, THE DEVELOPMENT OF AN ADAPTIVE, WEB-BASED ASSESSMENT TOOL FOR EVALUATING THE LITERACY, NUMERACY AND DIGITAL SKILLS LEVELS OF LOW SKILLED/LOW QUALIFIED ADULTS IN TURKEY, 2019 - 2020

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Gelişli K., Özgenç Ö., Özbay A. Ş., İskender E., Demirkır C., Demirel S., EU Supported Other Project, Yayla ve Köylere Uygun Ahşap Yapıların İnşaa, Bakım ve Onarım İşlemlerini Gerçekleştirebilecek Nitelikli Elemanların Yetiştirilmesi, 2016 - 2017

ÖZGENÇ Ö., Project Supported by Other Official Institutions, Dış Ortam Koşullarında Dayanıklı Ahşap Üst Yüzey Maddesi Üretimi, 2015 - 2016

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Özgenç Ö., Yıldız Ü. C., Project Supported by Higher Education Institutions, Doğu Karadeniz Bölgesi Yayla Evlerinde Kullanılan Ahşap Malzemenin Dış Hava Koşullarına Karşı Dayanımının Arttırılması, 2010 - 2014

## Patent

Özgenç Ö., DIŞ MEKÂN KOŞULLARINA KARŞI YÜKSEK DAYANIMLI SU BAZLI AKRİLİK REÇİNE ESASLI AHŞAP VERNİK, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2016/ 20040 , Standard Registration, 2017

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## **Tasks In Event Organizations**

Özgenç Keleş Ö., 30TH International Conference Research for Furniture Industry , Scientific Congress, Poznan, Poland, Eylül 2022  
Özgenç Keleş Ö., VI. INTERNATIONAL FURNITURE CONGRESS, Scientific Congress, Trabzon, Turkey, Eylül 2022  
Ustaömer D., Özgenç Keleş Ö., International Forest Products Congress ORENKO2020, Scientific Congress, Trabzon, Turkey, Eylül 2020  
Özgenç Keleş Ö., The XXIXTH International Conference Research for Furniture Industry , Scientific Congress, Ankara, Turkey, Ekim 2019

## **Mobility Activity**

Erasmus Programme, Lecturing, University of Maribor, Slovenia, 2022 - 2022

## **Metrics**

Publication: 79  
Citation (WoS): 458  
Citation (Scopus): 474  
H-Index (Scopus): 10

## **Congress and Symposium Activities**

- Ulusal Mühendislik Arařtırmaları Sempozyumu, Attendee, Düzce, Turkey, 2015
- XXVII. The international conference research for furniture industry, Attendee, Ankara, Turkey, 2015
43. International Research Group on Wood Protection, Attendee, Kuala Lumpur, Malaysia, 2012
- I. Ulusal Akdeniz Orman ve Çevre sempozyumu, Attendee, Kahramanmaraş, Turkey, 2011
- I. International Symposium on Turkish & Japanese Environment and Forestry, Attendee, Trabzon, Turkey, 2010
41. International Research Group on Wood Protection, Attendee, Biarritz, France, 2010
39. International Research Group on Wood Protection, Attendee, İstanbul, Turkey, 2009

## **Scholarships**

Evaluation of efficacy of water-based acrylic oatings containing zincborate, ulexite and colemanite against abiotic and biotic factors degrading wood in outdoor conditions , TUBITAK, 2022 - 2023

## **Non Academic Experience**

- Sanayi ve Teknoloji Bakanlığı, Doğu Karadeniz Kalkınma Ajansı, Proje Genel Müdürü  
Of Ticaret ve Sanayi Odası, Proje Asistanı
- Trabzon Teknokent Bölgesi OZOZ Ahaşap Yüzey Maddesi, Şirket Yetkilisi
- University of Vienna Natural Resources and Applied Life Sciences, Vienna, Öğretim Görevlisi (Doktora Öğrencisi)