

## Prof. CENK DEMİRKİR

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 19481

### Education Information

Doctorate, Karadeniz Technical University, Orman Fakültesi/Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği/Odun Mekaniği Ve Teknolojisi, Turkey 2006 - 2012

Postgraduate, Karadeniz Technical University, Orman Fakültesi/Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği/Odun Mekaniği Ve Teknolojisi, Turkey 2003 - 2006

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

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Hibe Projesi Tam Başvuru Hazırlama Eğitimi, Avrupa Birliği İnsan Kaynaklarının Geliştirilmesi Operasyonel Programı, 2013

Foreign Language, Learn English, Immigrant Services Society of British Columbia Language College, 2010

### Dissertations

Doctorate, ÇAM TÜRLERİNDEN ELDE EDİLEN KAPLAMALARIN YAPI MAKSATLI KONTRPLAK ÜRETİMİNDE DEĞERLENDİRİLMESİ, Karadeniz Technical University, Fen Bilimleri, Orman Endüstri Mühendisliği , 2012

Postgraduate, KONTRPLAK ÜRETİMİ SIRASINDA OLUŞAN ODUNSU ATIK VE ARTIK MATERYALLERİN YONGALEVHA ÜRETİMİNDE DEĞERLENDİRİLMESİ, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği / Odun Mekaniği Ve Teknolojisi, 2006

### Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Wood Mechanics and Technology, Civil Engineering, Structure, Timber Structures, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2015 - Continues  
Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2013 - 2015  
Lecturer PhD, Karadeniz Technical University, Of Teknoloji Fakültesi, Ağaç İşleri Endüstri Mühendisliği, 2011 - 2013  
Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2005 - 2011

## Academic and Administrative Experience

Vice Dean, Karadeniz Technical University, 2016 - 2020

## Courses

### Undergraduate

Bitirme, Undergraduate, 2015 - 2016, 2014 - 2015

Ahşap Laminasyon Teknolojisi, Undergraduate, 2014 - 2015

Proje, Undergraduate, 2014 - 2015

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

- I. **Determining the effects of timber strength and wood species on the mechanical properties of CLT using non-destructive and destructive methods**  
BİRİNCİ A. U., ÖZTÜRK H., DEMİR A., İlhan O., GEZER E. D., DEMİRKİR C.  
NONDESTRUCTIVE TESTING AND EVALUATION, 2024 (SCI-Expanded)
- II. **Determining the Optimum Layer Combination for CrossLaminated Timber Panels According to Timber Strength Classes Using Artificial Neural Networks**  
GEZER E. D., BİRİNCİ A. U., DEMİR A., ÖZTÜRK H., İlhan O., DEMİRKİR C.  
BIORESOURCES, vol.19, no.3, pp.4899-4917, 2024 (SCI-Expanded)
- III. **Artificial neural-network optimisation of nail size and spacings of plywood shear wall**  
DEMİR A., DEMİRKİR C., ÖZŞAHİN Ş., AYDIN İ.  
WOOD MATERIAL SCIENCE & ENGINEERING, vol.18, no.1, pp.97-106, 2023 (SCI-Expanded)
- IV. **Diagnosis and Monitoring of Historical Timber Velipasa Han Building Prior to Restoration**  
GÜNAYDIN M., DEMİRKİR C., ALTUNIŞIK A. C., GEZER E. D., GENÇ A. F., OKUR F. Y.  
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.17, no.2, pp.285-309, 2023 (SCI-Expanded)
- V. **Prediction of Optimum Expanded Polystyrene Densities for Best Thermal Insulation Performances of Polystyrene Composite Particleboards by Using Artificial Neural Network**  
ÖZTÜRK H., DEMİR A., DEMİRKİR C.  
DRVNA INDUSTRIJA, vol.73, no.4, pp.385-395, 2022 (SCI-Expanded)
- VI. **Optimization of pressing parameters for the best mechanical properties of wood veneer/polystyrene composite plywood using artificial neural network**  
ÖZTÜRK H., DEMİR A., DEMİRKİR C.  
EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS, vol.80, no.4, pp.907-922, 2022 (SCI-Expanded)
- VII. **The Effect of Sheathing Material on Racking Performance of Plywood Shear Wall**  
Demirkir C., Demir A., Ozturk H., Aydin I.  
DRVNA INDUSTRIJA, vol.73, no.1, pp.25-34, 2022 (SCI-Expanded)
- VIII. **Assessment of modal characteristics of cross-laminated timber beams subject to successive damages**  
GENÇ A. F., KAHYA V., ALTUNIŞIK A. C., GÜNAYDIN M., DEMİRKİR C.  
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, vol.21, no.3, 2021 (SCI-Expanded)
- IX. **Effect of Veneer Drying Process on Some Technological Properties of Polystyrene Composite Plywood Panels**

ÖZTÜRK H., DEMİR A., DEMİRKİR C., ÇOLAKOĞLU G.

DRVNA INDUSTRIJA, vol.70, no.4, pp.369-376, 2019 (SCI-Expanded)

- X. **Thermal insulation properties of hybrid textile reinforced biocomposites from food packaging waste**  
Hassanin A. H., Candan Z., DEMİRKİR C., Hamouda T.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.47, no.6, pp.1024-1037, 2018 (SCI-Expanded)
- XI. **Utilization of bark flours as additive in plywood manufacturing**  
AYDIN İ., DEMİRKİR C., ÇOLAK S., ÇOLAKOĞLU G.  
EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS, vol.75, no.1, pp.63-69, 2017 (SCI-Expanded)
- XII. **EFFECTS OF PLASMA SURFACE TREATMENT ON BENDING STRENGTH AND MODULUS OF ELASTICITY OF BEECH AND POPLAR PLYWOOD**  
DEMİRKİR C., AYDIN İ., ÇOLAK S., ÖZTÜRK H.  
MADERAS-CIENCIA Y TECNOLOGIA, vol.19, no.2, pp.195-202, 2017 (SCI-Expanded)
- XIII. **Influence of Aging Procedure on Bonding Strength and Thermal Conductivity of Plywood Panels**  
DEMİRKİR C., ÇOLAKOĞLU G., ÇOLAK S., AYDIN İ., Candan Z.  
ACTA PHYSICA POLONICA A, vol.129, no.6, pp.1230-1234, 2016 (SCI-Expanded)
- XIV. **The effect of plasma treatment on mechanical properties, surface roughness and durability of plywood treated with copper-based wood preservatives**  
TEMİZ A., Akbas S., AYDIN İ., DEMİRKİR C.  
WOOD SCIENCE AND TECHNOLOGY, vol.50, no.1, pp.179-191, 2016 (SCI-Expanded)
- XV. **THE EFFECT OF GRAIN DIRECTION ON LATERAL NAIL STRENGTH AND THERMAL CONDUCTIVITY OF STRUCTURAL PLYWOOD PANELS**  
DEMİRKİR C., ÇOLAKOĞLU G.  
MADERAS-CIENCIA Y TECNOLOGIA, vol.17, no.3, pp.469-478, 2015 (SCI-Expanded)
- XVI. **Effects of plasma treatment and sanding process on surface roughness of wood veneers**  
DEMİRKİR C., AYDIN İ., ÇOLAK S., ÇOLAKOĞLU G.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.38, no.5, pp.663-667, 2014 (SCI-Expanded)
- XVII. **Some technological properties of wood-styrofoam composite panels**  
DEMİRKİR C., ÇOLAK S., AYDIN İ.  
COMPOSITES PART B-ENGINEERING, vol.55, pp.513-517, 2013 (SCI-Expanded)
- XVIII. **Optimization of some panel manufacturing parameters for the best bonding strength of plywood**  
DEMİRKİR C., ÖZŞAHİN Ş., AYDIN İ., ÇOLAKOĞLU G.  
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.46, pp.14-20, 2013 (SCI-Expanded)
- XIX. **Effect of Manufacturing Factors on Technological Properties of Plywood from Northern Turkey and Suitability of Panels for Use in Shear Walls**  
DEMİRKİR C., ÇOLAKOĞLU G., Karacabeyli E.  
JOURNAL OF STRUCTURAL ENGINEERING, vol.139, no.12, 2013 (SCI-Expanded)
- XX. **EFFECT OF WIDTH OF ANNUAL RING ON TECHNOLOGICAL PROPERTIES OF PLYWOOD PANELS MANUFACTURED FROM STONE PINE (PINUS PINEA L.)**  
DEMİRKİR C., AYDIN İ., ÇOLAK S., ÇOLAKOĞLU G.  
WOOD RESEARCH, vol.58, no.1, pp.147-150, 2013 (SCI-Expanded)
- XXI. **Utilization Potential of Waste from Window Joints for Particleboard**  
ÇOLAK S., NEMLİ G., DEMİRKİR C., AYDIN İ., DEMİREL S.  
JOURNAL OF COMPOSITE MATERIALS, vol.45, no.1, pp.29-37, 2011 (SCI-Expanded)
- XXII. **Activation of Spruce Wood Surfaces by Plasma Treatment After Long Terms of Natural Surface Inactivation**  
AYDIN İ., DEMİRKİR C.  
PLASMA CHEMISTRY AND PLASMA PROCESSING, vol.30, no.5, pp.697-706, 2010 (SCI-Expanded)
- XXIII. **Effects of moisture content on formaldehyde emission and mechanical properties of plywood**  
Aydın I., Colakoglu G., Colak S., Demirkir C.  
BUILDING AND ENVIRONMENT, vol.41, no.10, pp.1311-1316, 2006 (SCI-Expanded)
- XXIV. **Technological and economic comparison of the usage of beech and alder wood in plywood and**

### **laminated veneer lumber manufacturing**

Toksoy D., Colakoglu G., Aydın İ., Colak S., Demirkir C.

BUILDING AND ENVIRONMENT, vol.41, no.7, pp.872-876, 2006 (SCI-Expanded)

XXV. **Characteristics of plywood panels produced with urea formaldehyde resin (UF) containing borax**

Colakoglu G., Demirkir C.

HOLZ ALS ROH-UND WERKSTOFF, vol.64, no.3, pp.250-251, 2006 (SCI-Expanded)

XXVI. **Characteristic of Plywood Panels Produced With Urea Formaldehyde Resin (UF) Containing Borax**

ÇOLAKOĞLU G., DEMİRKİR C.

HOLZ ALS ROH-UND WERKSTOFF, vol.64, no.3, pp.250-251, 2006 (SCI-Expanded)

XXVII. **Some Technological Properties of Laminated Veneer Lumber Manufactured from Pine Pinus sylvestris L Veneers with Melamine Added UF Resins**

ÇOLAK S., AYDIN İ., ÇOLAKOĞLU G., DEMİRKİR C.

Turkish Journal Of Agriculture And Forestry, vol.28, no.2, pp.109-113, 2004 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **Yapay Sinir Ağları (YSA) Kullanılarak CLT Perde Duvarların Yanal Yük Altındaki Rijitliklerinin Kereste Direnç Sınıflarına Göre Tahmin Edilmesi**  
BİRİNCİ A. U., İLHAN O., DEMİR A., DEMİRKİR C.  
Düzce Üniversitesi Orman Fakültesi Ormanlık Dergisi, vol.20, no.1, pp.288-307, 2024 (Peer-Reviewed Journal)
- II. **Türk ahşap konut örneği Nemlioğlu Konağı\2019'nın mekanik direnç özelliklerinin tahribatsız test teknikleriyle incelenmesi**  
GEZER E. D., DEMİRKİR C., ÖZDEMİR T.  
Mobilya ve ahşap malzeme araştırmaları dergisi (Online), vol.4, no.2, pp.138-144, 2021 (Peer-Reviewed Journal)
- III. **Structural Performance Analysis of Cross Laminated Timber (CLT) Produced From Pine and Spruce Grown in Turkey**  
BİRİNCİ A. U., ÖZTÜRK H., DEMİRKİR C., ÇOLAKOĞLU G.  
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.819-824, 2020 (Peer-Reviewed Journal)
- IV. **The Effects of Polystyrene Species and Fiber Direction on Thermal Conductivity of Plywood**  
Birinci A. U., Öztürk H., Yücesoy D., Demirkir C.  
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.825-828, 2020 (Peer-Reviewed Journal)
- V. **Structural Performance Analysis of Cross Laminated Timber (CLT) Produced From Pine and Spruce Grown in Turkey**  
BİRİNCİ A. U., ÖZTÜRK H., DEMİRKİR C., ÇOLAKOĞLU G.  
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.819-824, 2020 (Peer-Reviewed Journal)
- VI. **MECHANICAL PROPERTIES OF WOOD MEMBERS IN SANTA MARIA CHURCH**  
GEZER E. D., DEMİRKİR C., ÖZDEMİR T.  
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.5, pp.863-866, 2020 (Peer-Reviewed Journal)
- VII. **The effects of wood species, nail size, grain direction and layer numbers on lateral nail strength of structural plywood panels**  
Demir A., Demirkir C., Aydın İ.  
Sigma Journal of Engineering and Natural Sciences, vol.11, no.2, pp.141-148, 2020 (ESCI)
- VIII. **Effect of drying types and polystyrene density on thermal conductivity of polystyrene composite particleboard**  
Demirkir C., Öztürk H., Çolakoğlu G.  
Wood Industry and Engineering, vol.1, no.2, pp.57-62, 2019 (Peer-Reviewed Journal)

- IX. **Investigation of Thermal Conductivity of Wood Sandwich Panels with Aluminium and Polypropylene Core**  
ASLAN M., ÖZTÜRK H., DEMİRKİR C.  
Journal of Anatolian Environmental and Animal Sciences, vol.4, no.4, pp.647-650, 2019 (Peer-Reviewed Journal)
- X. **THE EFFECT OF SOME TECHNOLOGICAL PROPERTIES OF PLYWOOD PANELS ON SEISMIC RESISTANT PERFORMANCE OF WOODEN SHEAR WALL**  
DEMİR A., DEMİRKİR C., AYDIN İ.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.10, no.1, pp.37-45, 2019 (ESCI)
- XI. **YAPISAL AHŞAP ÜRÜNLERİNİN ISI YALITIM ÖZELLİKLERİ**  
ÖZTÜRK H., BİRİNCİ A. U., DEMİRKİR C.  
İleri Teknoloji Bilimleri Dergisi, vol.6, no.3, pp.522-527, 2017 (Peer-Reviewed Journal)
- XII. **Yapısal Ahşap Ürünlerinin Isı Yalıtım Özellikleri**  
ÖZTÜRK H., BİRİNCİ A. U., DEMİRKİR C.  
İleri Teknoloji Bilimleri Dergisi, vol.6, no.3, pp.522-527, 2017 (Peer-Reviewed Journal)
- XIII. **Effects of Press Parameters on Some Technological Properties of Polystyrene Composite Plywood**  
DEMİRKİR C., ÖZTÜRK H., ÇOLAKOĞLU G.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (Peer-Reviewed Journal)
- XIV. **Effects of Press Parameters on Some Technological Properties of Polystyrene Composite Plywood**  
DEMİRKİR C., ÖZTÜRK H., ÇOLAKOĞLU G.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (Peer-Reviewed Journal)
- XV. **Effects of Press Parameters on Some Technological Properties of Polystyrene Composite Plywood**  
Demirkır C., Öztürk H., Çolakoğlu G.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (ESCI)
- XVI. **Effects of press parameters on some technological properties of polystyrene composite plywood**  
DEMİRKİR C., ÖZTÜRK H., ÇOLAKOĞLU G.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, no.3, pp.517-522, 2017 (ESCI)
- XVII. **YONGALEVHA ÜRETİMİNDE KONTRPLAK ATIKLARININ KULLANILMASI**  
ÇOLAK S., ÖZTÜRK H., DEMİR A., DEMİRKİR C.  
Teknik Online, pp.601-612, 2015 (Peer-Reviewed Journal)
- XVIII. **Yongalevha Üretiminde Kontrplak Atıklarının Kullanımı**  
ÇOLAK S., ÖZTÜRK H., DEMİR A., DEMİRKİR C.  
Selçuk Üniversitesi Teknik Online Dergisi, vol.14, pp.601-612, 2015 (Peer-Reviewed Journal)
- XIX. **MÜF Tutkalı Kullanılarak Üretilen Çeşitli Ağaç Türü Kontrplaklarında Presleme Süresinin Formaldehit Emisyonuna Etkileri**  
AYDIN İ., DEMİRKİR C., ÇOLAKOĞLU G., ÇOLAK S.  
Selçuk Üniversitesi Teknik Online Dergisi, vol.14, pp.590-600, 2015 (Peer-Reviewed Journal)
- XX. **THERMAL CONDUCTIVITY VALUES OF SOME WOOD SPECIES USED IN PLYWOOD INDUSTRY**  
DEMİRKİR C., AYDIN İ.  
Teknik Online, pp.569-576, 2015 (Peer-Reviewed Journal)
- XXI. **MÜF TUTKALI İLE ÜRETİLEN ÇEŞİTLİ AĞAÇ TÜRÜKONTRPLAKLARINDA PRESLEME SÜRESİNİN FORMALDEHİTEMİSYONUNA ETKİLERİ**  
AYDIN İ., DEMİRKİR C., ÇOLAKOĞLU G., ÇOLAK S.  
Selçuk Üniversitesi Teknik Online, pp.590-600, 2015 (Peer-Reviewed Journal)
- XXII. **Application of Meta-Heuristic Hybrid Artificial Intelligence Techniques for Modeling of Bonding Strength of Plywood Panels**  
DEMİRKİR C., KAHRAMAN H. T., ÇOLAKOĞLU G.  
Artvin Coruh University Journal of Forestry Faculty, vol.15, no.1, pp.20-32, 2014 (Peer-Reviewed Journal)
- XXIII. **The effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers**

- Dried at Different Temperatures**  
DEMİR KİR C., ÖZGENÇ Ö., ÇOLAKOĞLU G., YILDIZ Ü. C., ÇOLAK S.  
Journal Materials Science and Engineering with Advanced Technology, vol.9, pp.27-49, 2014 (Scopus)
- XXIV. **The Effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**  
DEMİR KİR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S., YILDIZ Ü. C., YILDIZ S., ÖZGENÇ Ö.  
Journal of Materials Science and Engineering with Advanced Technology, vol.9, no.1, pp.27-49, 2014 (Peer-Reviewed Journal)
- XXV. **The effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**  
DEMİR KİR 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)
- XXVI. **The Effect of UV Irradiation on Some Technological Properties of Plywood Panels from Veneers Dried at Different Temperatures**  
DEMİR KİR C., ÖZGENÇ Ö., ÇOLAKOĞLU G., YILDIZ Ü. C., ÇOLAK S., AYDIN İ.  
Journal of Materials Science and Engineering with Advanced Technology, vol.9, no.1, pp.27-49, 2013 (Peer-Reviewed Journal)
- XXVII. **Çınar Ağacının Kontrplak Üretimi İçin Alternatif Bir Tür Olarak Değerlendirilmesi**  
DEMİR KİR C., ÇOLAKOĞLU G., ÇOLAK S., AYDIN İ.  
Düzce Üniversitesi Ormancılık Dergisi, vol.9, no.2, pp.9-13, 2013 (Peer-Reviewed Journal)
- XXVIII. **The Effect Of Veneers Roughness On Bonding And Some Mechanical Properties Of Plywood**  
AYDIN İ., DEMİR KİR C., ÇOLAK S., Salca E. A.  
Pro Ligno, vol.9, no.1, pp.41-49, 2013 (Peer-Reviewed Journal)
- XXIX. **Ahşap Yapılar ve Deprem**  
DEMİR KİR C.  
Orman Mühendisliği Dergisi, no.4, pp.24-28, 2012 (Peer-Reviewed Journal)
- XXX. **Kontrplakların Yapı Maksatlı Kullanım Alanları ve Sağladığı Avantajlar**  
DEMİR KİR C.  
ARTVİN ÇORUH ÜNİVERSİTESİ ORMAN FAKÜLTESİ DERGİSİ, vol.9, no.1, pp.68-76, 2008 (Peer-Reviewed Journal)
- XXXI. **Odun Kökenli Atıkların Levha Endüstrisinde Yeniden Değerlendirilme İmkanları**  
DEMİR KİR C., ÇOLAK S.  
Artvin Orman Fakültesi Dergisi, vol.7, no.1, pp.41-50, 2006 (Peer-Reviewed Journal)
- XXXII. **Odun Kökenli Atıkların Levha Endüstrisinde Yeniden Kullanım İmkanları**  
ÇOLAK S., DEMİR KİR C.  
Kafkas Üniversitesi Artvin Orman Fakültesi Dergisi, pp.41, 2006 (Peer-Reviewed Journal)
- XXXIII. **Melamin-Üre Formaldehit (MÜF) ile Üretilmiş Okume Kontrplakların Bazı Özelliklerine Orta Tabakada Kullanılan Ağaç Türünün Etkisi, Kafkas Üniversitesi**  
DEMİR KİR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.  
Artvin Orman Fakültesi Dergisi, vol.6, no.1, pp.94-101, 2005 (Peer-Reviewed Journal)
- XXXIV. **Melamin Üre Formaldehit MÜF ile Üretilmiş Okume Kontrplakların Bazı Özelliklerine Orta Tabakada Kullanılan Ağaç Türünün Etkisi**  
DEMİR KİR C., ÇOLAKOĞLU G., AYDIN İ., ÇOLAK S.  
Kafkas Üniversitesi Artvin Orman Fakültesi Dergisi, pp.94-101, 2005 (Peer-Reviewed Journal)
- XXXV. **Farklı Rutubetteki Soyma Kaplamalardan Melamin ile Modifiye Edilmiş Üre Formaldehit Reçinesiyle Üretilen Kavak (P x eureamericana I 214) Kontrplakların Bazı Mekanik Özellikleri**  
AYDIN İ., DEMİR KİR C., ÇOLAKOĞLU G.  
Gazi Üniversitesi-Kastamonu Orman Fakültesi Dergisi, vol.3, no.1, pp.88-98, 2003 (Peer-Reviewed Journal)

## Books

- I. **Ahşap Mekanların İnsanlarda Stres Ve Kaygı Üzerine Etkisi**  
BİRİNCİ A. U., ÖZTÜRK H., DEMİRKİR C.  
in: AHŞAP MALZEME VE YAPI TASARIMI, LAKOT ALEMDAĞ ESRA, Editor, Duvar Yayınları, Ankara, pp.332-345, 2024
- II. **Yapısal Ahşap Esaslı Kompozitler**  
DEMİR A., ÇOLAK S., DEMİRKİR C.  
in: Ahşap Malzeme ve Yapı Tasarımı, LAKOT ALEMDAĞ ESRA, Editor, Duvar Yayınları, Ankara, pp.1-21, 2024

## Papers Published in Refereed Scientific Meetings

- I. **The effects of wood species, nail size, grain direction and layer numbers on lateral nail strength of structural plywood panels**  
Demir A., Demirkır C., Aydın İ.  
International Forest Products Congress (ORENKO 2020), Trabzon, Turkey, 23 - 26 September 2020, pp.36
- II. **Türk Ahşap konut Örneği "Nemlioğlu Konağı" nın Mekanik Direnç Özellikleri Açısından İncelenmesi**  
GEZER E. D., DEMİRKİR C., ÖZDEMİR T.  
III. International Mediterranean Forest and Environment Symposium, 3 - 05 October 2019
- III. **The effect of insulation materials on the thermal conductivity of wooden structural panels**  
Demirkır C., Öztürk H., Birinci A. U.  
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.866-869
- IV. **INVESTIGATION OF TURKISH WOODEN HOUSING CASE "NEMLIOĞLU MANSION" IN TERMS OF MECHANICAL RESISTANCE PROPERTIES**  
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## Supported Projects

Öztürk H., Demirkır C., Şevik U., Berber T., Demirci M. A., Bayramođlu M. M., TUBITAK Project, Dekoratif Ve Teknolojik Clt (çapraz Lamine Ahşap) Geliştirilmesi, 2024 - 2026

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## Non Academic Experience

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