

Asst. Prof. Erkan Likos

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karabuk University, Fen Bilimleri Enstitüsü, Mobilya Ve Dekorasyon Eğitimi (Dr), Turkey 2009 - 2014

Postgraduate, Mugla Sitki Kocman University, Fen Bilimleri Enstitüsü, Mobilya Ve Dekorasyon Eğitimi (YI) (Tezli), Turkey 2005 - 2009

Undergraduate, Mugla Sitki Kocman University, Teknik Eğitim Fakültesi, Mobilya Ve Dekorasyon Eğitimi Bölümü, Turkey 1999 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, ZIVANALI BİRLEŞTİRMELERDE KESİT FORMUNUN SANDALYE MUKAVEMETİNE ETKİSİNİN ANALİZİ,

Karabuk University, Fen Bilimleri Enstitüsü, Mobilya Ve Dekorasyon Eğitimi (Dr), 2014

Postgraduate, Farklı ağaç malzemelerden hazırlanan zıvanalı mobilya birleştirmelerde zıvana kesiti geometrisinin eğilme direncine etkisi, Mugla Sitki Kocman University, Fen Bilimleri Enstitüsü, Mobilya Ve Dekorasyon Eğitimi (YI) (Tezli), 2009

Research Areas

Industrial Design

Academic Titles / Tasks

Assistant Professor, Karabuk University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği Bölümü, 2014 - 2016

Research Assistant, Karabuk University, Teknik Eğitim Fakültesi, Mobilya Ve Dekorasyon Eğitimi Bölümü, 2009 - 2014

Research Assistant, Mugla Sitki Kocman University, Teknik Eğitim Fakültesi, Mobilya Ve Dekorasyon Eğitimi Bölümü, 2005 - 2009

Courses

GSS351 Mobilya Tasarımı, Undergraduate, 2022 - 2023, 2020 - 2021

RES207 Temel Bilgisayar ve İletişim Tekniklerine Giriş, Undergraduate, 2022 - 2023
GSS443 Endüstriyel Ürün Fotoğrafçılığı, Undergraduate, 2022 - 2023
GRF307 Üç Boyutlu Modelleme, Undergraduate, 2022 - 2023
GİT307 Üç Boyutlu Modelleme, Undergraduate, 2022 - 2023
GSS436.1.0 (2 0 + 0) 2,00 - Standardizasyon ve Ürün Sertifikasyonu, Undergraduate, 2021 - 2022
ETA307.1.0 (2 0 + 0) 2,00 - Ergonomi, Undergraduate, 2021 - 2022
GSS337.1.0 (2 0 + 0) 2,00 - Tasarım Felsefesi, Undergraduate, 2021 - 2022
RES406.1.0 (2 0 + 2) 3,00 - Sergi ve Sunum Teknikleri, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
ETA404.1.0 (2 0 + 2) 3,00 - Mezuniyet Proje Uygulama, Undergraduate, 2021 - 2022
RES207. Temel Bilgisayar ve İletişim Tekniklerine Giriş, Undergraduate, 2021 - 2022
GSS351.1.0 (2 0 + 2) 3,00 - Mobilya Tasarımı, Undergraduate, 2021 - 2022
GSS350.1.0 (2 0 + 2) 3,00 - Kent Mobilyaları Tasarımı, Undergraduate, 2021 - 2022, 2020 - 2021
ETA403.1.0 (2 0 + 4) 4,00 - Mezuniyet Proje Geliştirme, Undergraduate, 2021 - 2022
GSS317.1.0 (2 0 + 2) 3,00 - Fotoğraf Atelye Uygulamaları, Undergraduate, 2021 - 2022, 2019 - 2020
GİT308.1.0 (2 0 + 2) 3,00 - Üç Boyutlu Modelleme II, Undergraduate, 2020 - 2021
GRF308.1.0 (2 0 + 2) 3,00 - Üç Boyutlu Modelleme II, Undergraduate, 2020 - 2021
GSF104.1.0 (2 0 + 2) 3,00 - Perspektif II, Undergraduate, 2020 - 2021
ETA307 - Ergonomi, Undergraduate, 2020 - 2021
GİT205 Fotoğraf I, Undergraduate, 2020 - 2021
SCA204.1.0 (2 0 + 2) 3,00 - Bilgisayar Destekli Tasarım, Undergraduate, 2020 - 2021, 2019 - 2020
ETA203 - Dijital Ortamda Tasarım I, Undergraduate, 2020 - 2021
Üç Boyutlu Modelleme I, Undergraduate, 2020 - 2021
GSS317 Fotoğraf Atelye Uygulamaları, Undergraduate, 2020 - 2021
SCA203.1.0 (2 0 + 2) 3,00 - Temel Bilgisayar ve İletişim Teknolojilerine Giriş, Undergraduate, 2019 - 2020
GRF205.1.0 (1 0 + 2) 2,00 - Fotoğraf I, Undergraduate, 2019 - 2020
GİT206.1.0 (1 0 + 2) 2,00 - Fotoğraf II, Undergraduate, 2019 - 2020
RES207.1.0 (2 0 + 2) 3,00 - Temel Bilgisayar ve İletişim Tekniklerine Giriş, Undergraduate, 2019 - 2020
PSB201.1.0 (2 0 + 2) 3,00 - Peyzajda Bilgisayarlı Tasarım, Associate Degree, 2019 - 2020
GİT205.1.0 (1 0 + 2) 2,00 - Fotoğraf I, Undergraduate, 2019 - 2020
GİT308.2.0 (2 0 + 2) 3,00 - Üç Boyutlu Modelleme II, Undergraduate, 2019 - 2020
ETA203.1.0 (2 0 + 2) 3,00 - Dijital Ortamda Tasarım I, Undergraduate, 2019 - 2020
GİT307.1.0 (2 0 + 2) 3,00 - Üç Boyutlu Modelleme I, Undergraduate, 2019 - 2020
Sergi ve Sunum Teknikleri, Undergraduate, 2018 - 2019
BİLGİSAYAR DESTEKLİ TASARIM, Undergraduate, 2018 - 2019, 2016 - 2017
3 BOYUTLU (3B) MODELLEME -I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Fotoğraf Atelye Uygulamaları, Undergraduate, 2018 - 2019
FOTOĞRAF II, Undergraduate, 2018 - 2019, 2016 - 2017
3 BOYUTLU (3B) MODELLEME -II, Undergraduate, 2018 - 2019, 2016 - 2017
TEMEL BİLGİSAYAR VE İLETİŞİM TEKN. GİRİŞ, Undergraduate, 2018 - 2019, 2017 - 2018
TASARIM FELSEFESİ, Undergraduate, 2017 - 2018, 2016 - 2017
Dekor ve Montaj Teknikleri, Undergraduate, 2017 - 2018
Sanat Felsefesi, Undergraduate, 2016 - 2017
Fotoğraf I, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effects of Using Different Adhesive on the Thickness Swelling Ratio of LVL Produced from Scotch Pine**
Esen R., Likos E., Zengin G.
BIORESOURCES, vol.17, no.4, pp.5645-5654, 2022 (SCI-Expanded)

- II. **TECHNICAL NOTE: STATIC VERSUS CYCLIC LOAD CAPACITY OF SIDE CHAIRS CONSTRUCTED WITH MORTISE AND TENON JOINTS**
Likos E., Haviarova E., Eckelman C. A., Erdil Y. Z., Ozcifci A.
WOOD AND FIBER SCIENCE, vol.45, no.2, pp.223-227, 2013 (SCI-Expanded)
- III. **EFFECT OF TENON GEOMETRY, GRAIN ORIENTATION, AND SHOULDER ON BENDING MOMENT CAPACITY AND MOMENT ROTATION CHARACTERISTICS OF MORTISE AND TENON JOINTS**
Likos E., Haviarova E., Eckelman C. A., Erdil Y. Z., Ozcifci A.
WOOD AND FIBER SCIENCE, vol.44, no.4, pp.462-469, 2012 (SCI-Expanded)
- IV. **THE EFFECT OF EDGE BANDING THICKNESS OF SOME TREES ON WITHDRAWAL STRENGTH OF BEECH DOWEL PINS IN COMPOSITE MATERIAL**
Yapici F., Likos E., Esen R.
WOOD RESEARCH, vol.56, no.4, pp.601-612, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **The effects of heat treatment on the modulus of rupture and modulus of elasticity of scots pine Pinus Sylvestris L Wood**
YAPICI F., ESEN R., YÖRÜR H., LİKOS E.
NWSA-Technological Applied Sciences, vol.8, no.1, pp.1-6, 2013 (Peer-Reviewed Journal)
- II. **Dimensional Stability of Uludag Fir Wood Treated with Liquid Nitrogen after the Steam Test**
Kurt S., Ozcan S., Yapici F., Likos E.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.221-224, 2012 (ESCI)
- III. **The Effects of Exposure to Sea Water Steam on Thermal Conductivity of Varnished Fir Wood**
Esen R., Ozcan C., Likos E., Ozkan O. E.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.217-220, 2012 (ESCI)
- IV. **The Effects of Fire Retardants Paint on Combustion Properties of Fir Wood**
Ozcan C., Esen R., Likos E., Kurt S., Yapici F.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.124-126, 2012 (ESCI)
- V. **The Effects of Exposed to Sea Water Steam on Thermal Conductivity of Varnished Fir Wood**
ESEN R., ÖZCAN C., LİKOS E., ÖZKAN O. E.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.217-220, 2012 (Peer-Reviewed Journal)
- VI. **The Effects of Humidity on Thermal Conductivity of Fir Wood**
ESEN R., LİKOS E., ÖZCAN C., KORKMAZ M., KILINÇ İ.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.121-123, 2012 (Peer-Reviewed Journal)
- VII. **The Effects of Fire Retardants Paint on Combustion Properties Fir Wood**
ÖZCAN C., ESEN R., LİKOS E., Kurt Ş., YAPICI F.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.124-127, 2012 (Peer-Reviewed Journal)
- VIII. **The Effect of Liquid Nitrogen on Retention in Uludag Fir Wood Treated with Boric Acid and Borax**
Kurt Ş., ÖZCAN C., LİKOS E., KORKMAZ M.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.127-130, 2012 (Peer-Reviewed Journal)
- IX. **Dimensional Stability of Uludag Fir Treated with Liquid Nitrogen after the Steam Test**
Kurt Ş., Süleyman Ö., YAPICI F., LİKOS E.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.221-224, 2012 (Peer-Reviewed Journal)
- X. **Prediction of Withdrawal strength of nail of Uludag Fir wood by using artificial neural network (ANNs)**

YAPICI F., ESEN R., Kurt Ş., LİKOS E., ERKAYMAZ O.

KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.12, no.3, pp.131-134, 2012 (Peer-Reviewed Journal)

XI. Prediction of Screw and Nail Withdrawal Strength on OSB Oriented Strand Board Panels With Fuzzy Classifier

YAPICI F., GÜNDÜZ G., ÖZÇİFÇİ A., LİKOS E.

Technology, vol.12, no.3, pp.167-174, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

I. Isıl İşlem Görmüş Bazı Ağaç Malzemeden Elde Edilen Lamine Ağaç Malzemenin Mekaniksel Özelliklerinin Belirlenmesi

ESEN R., LİKOS E., TOKDEMİR H.

in: Ziraat, Orman ve Su Ürünleri Alanında Teori ve Araştırmalar, Prof. Dr. Nigar YARPUZ BOZDOĞAN, Editor, Gece Kitaplığı Yayınevi, 7.Bölüm, Ankara, pp.101-120, 2020

Refereed Congress / Symposium Publications in Proceedings

I. Material selection on furniture in terms of ecological aspect

LİKOS E.

EcoSET International Closing Conference, Bydgoszcz, Poland, 12 - 14 September 2022, pp.109-110

II. İş İstasyonlarında Çalışanlara Zorlanmaya Neden Olan Duruşların Ergonomik Açidan İrdelenmesi: Örnek Uygulama Çalışması

Usta E., YAPICI F., BAŞ H., ÖZKAN B., LİKOS E.

25. ULUSAL ERGONOMİ KONGRESİ PROGRAMI, Samsun, Turkey, 18 - 19 October 2019

III. Product Certificaiton on Furniture Industry

LİKOS E., YAPICI F.

The XXIXth International Conference Research for Furniture Industry, 19 - 20 September 2019

IV. The Effect of Product Certification on Manufacturer and End-User Context

LİKOS E.

13th International AGP Conference of Humanities and Social Sciences, 31 August - 01 September 2018

V. MUSCULOSKELETAL RISKS IN FURNITURE INDUSTRY AND MODELAPPLICATION

YAPICI F., LİKOS E., BAŞ H.

International Forest Products Congress, 26 September 2018

VI. THE ROLE OF GS CERTIFICATION MARK ON FURNITURE INDUSTRY

LİKOS E., YAPICI F., BAŞ H.

International Forest Products Congress, 26 September 2018

VII. Some Problems and Solutİon Approaches In Production Processes at SMEs

Kuru H. T., YAPICI F., LİKOS E.

International Conference on Computational and Statistical Methods in Applied Sciences, Samsun, Turkey, 9 - 11 November 2017

VIII. THE EFFECTS OF THE OFFICE ENVIRONMENTS ON STAFF AND ONE SAMPLE APPLICATION

Yunus B., YAPICI F., LİKOS E.

International Conference on Computational and Statistical Methods in Applied Sciences, Samsun, Turkey, 9 - 11 November 2017

IX. The Effects of The Office Environments on the Employees and an Example Application

Börekçi Y., YAPICI F., LİKOS E.

International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 November 2017

X. To Determine Strength of Chairs Produced by Different Cross- Sectional Mortise and Tenon

Geometry with Finite Element Analysis

LİKOS E., AYDIN M.

ISTEC International Science and Technology Conference, St. Petersburg, Russia, 2 - 04 September 2015

- XI. **Isıl İşleme Maruz Kalmış Sarıçam Odununun Kalınlık ve Ağırlık Artışının Belirlenmesi**
YAPICI F., ESEN R., LİKOS E., KORKMAZ M.
II.Ulusal Mobilya Kongresi, Turkey, 11 - 13 April 2013, pp.444-453
- XII. **Prediction of Withdrawal strength of nail of Uludag Fir wood by using artificial neural network ANNs**
YAPICI F., ESEN R., KURT Ş., LİKOS E., ERKAYMAZ O.
14th International Fir Symposium, Kastamonu, Turkey, 13 - 14 September 2012
- XIII. **Dimensional Stability of Uludag Fir Treated with Liquid Nitrogen after the Steam Test**
KURT Ş., ÖZCAN C., YAPICI F., LİKOS E.
14th International Fir Symposium, 13 - 14 September 2012
- XIV. **The Effects of Fire Retardants Paint on Combustion Properties of Fir Wood**
ÖZCAN C., ESEN R., LİKOS E., KURT Ş., YAPICI F.
14th International Fir Symposium, Kastamonu, Turkey, 13 - 14 September 2012
- XV. **ÜSTYÜZEY İŞLEMLERİ UYGULANMIŞ AĞAÇ MALZEMENİN BOYUTSAL STABİLİTESİ VE ISI İLETKENLİĞİ ÜZERİNE ETKİLERİ**
UYSAL B., Kurt Ş., ÖZCAN C., ÖZBAY G., LİKOS E.
3. Karadeniz Ulusal Ormancılık Kongresi, Artvin, Turkey, 20 - 22 May 2010, vol.1

Supported Projects

Likos E., Project Supported by Higher Education Institutions, 13th Annual International Conference on Humanities and Social Sciences, 2018 - 2019