

Res. Asst. Fatma Diğdem TUNCER

Personal Information

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Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Orman Endüstri Mühendisliği, Turkey 2014 - Continues

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Orman Biyolojisi Ve Odun Koruma Teknolojisi, Turkey 2011 - 2014

Undergraduate, Anadolu University, Faculty Of Business Administration, İşletme, Turkey 2007 - 2012

Undergraduate, Istanbul University, Orman Fakültesi, Orman Endüstri Mühendisliği, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Isıl İşlemin Sarıçam (*Pinus sylvestris* L.) Odununun Anatomik Özellikleri Üzerindeki Etkilerinin İncelenmesi, Istanbul University, Institute of Graduate Studies In Sciences, Orman Endüstri Mühendisliği Bölümü Orman Biyolojisi Ve Odun Koruma Teknolojisi Anabilim Dalı, 2014

Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Forest Biology and Wood Protection Technology

Academic Titles / Tasks

Research Assistant, Istanbul University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Characterizing Microscopic Changes of Paulownia Wood under Thermal Compression**
Dogu D., Tuncer F. D., Bakir D., Candan Z.
BIORESOURCES, vol.12, no.3, pp.5279-5295, 2017 (SCI-Expanded)
- II. **Structural Evaluation of a Timber Construction Element Originating from the Great Meteoron Monastery in Greece**
Dogu D., Yilgor N., Mantanis G., Tuncer F. D.

BIORESOURCES, vol.12, no.2, pp.2433-2451, 2017 (SCI-Expanded)

III. MICROSCOPIC INVESTIGATION OF DEFECTS IN THERMALLY COMPRESSED POPLAR WOOD PANELS

Dogu D., Bakir D., Tuncer F. D., Hizal K. T., Unsal O., Candan Z.

MADERAS-CIENCIA Y TECNOLOGIA, vol.18, no.2, pp.337-348, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. Effects of heat treatment on some macroscopic and physical properties of Scots pine sapwood and heartwood

Tuncer F. D., Dogu A. D.

FORESTIST, vol.68, no.2, pp.93-100, 2018 (ESCI)

II. Anatomical Structures of Thermally Compressed Poplar (*Populus Spp.*) Wood

DOĞU A. D., BAKIR D., TIRAK HIZAL A. G. D. K., TUNCER F. D., CANDAN Z., ÜNSAL Ö.

Pro Ligno, vol.11, no.4, pp.366-372, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Structural Evaluation of Natural Weathered Wooden Window Frames

DOĞU A. D., TIRAK HIZAL A. G. D. K., TUNCER F. D., Bakangil A.

4th International Furniture And Decoration Congress (UMDK2017), Düzce, Turkey, 19 - 21 October 2017

II. The Interaction of the Physical and Macroscopic Properties against Heat Treatment

TUNCER F. D., DOĞU A. D.

13th IUFRO International Wood Drying Conference "Wood Drying in Developing Countries, İstanbul, Turkey, 13 - 16 September 2017

III. COMPARATIVE INVESTIGATIONS on MICROSTRUCTURE of THERMALLY COMPRESSED WOOD SPECIES

DOĞU A. D., TIRAK HIZAL Y. D. K., TUNCER F. D., BAKIR D.

Uluslararası Mühendislik Araştırmaları Sempozyumu (UMAS), Düzce, Turkey, 11 - 13 September 2017, pp.131-133

IV. Microscopic Evaluation of a Historical Wood from Mudurnu in Turkey

DOĞU A. D., BAKIR D., TUNCER F. D., Sözen E., YILGÖR N.

Ecology 2017 International Symposium, Kayseri, Turkey, 11 - 13 May 2017, pp.239

V. Microstructure of Heat treated Wood Material

DOĞU A. D., BAKIR D., TUNCER F. D., Korkut S., CANDAN Z.

International Conference On Advance And Innovations In Engineering ICAIE, Elazığ, Turkey, 10 - 12 May 2017, pp.1079-1080

VI. Anatomical Structures of Thermally Compressed Poplar (*Populus spp.*) Wood

DOĞU A. D., BAKIR D., TIRAK HIZAL K., TUNCER F. D., CANDAN Z., ÜNSAL Ö.

The 10th International Conference Wood Science and Engineering in The Third Millennium, Brasov, Romania, 5 - 07 November 2015, pp.382-389

VII. Anatomical Structures of Thermally Compressed Paulownia (*Paulownia spp.*) Wood

DOĞU A. D., TIRAK HIZAL K., BAKIR D., TUNCER F. D., CANDAN Z., ÜNSAL Ö.

Proceedings of the 58th International Convention of Society of Wood Science and Technology, Wyoming, United States Of America, 7 - 12 June 2015, pp.304

VIII. Historical Journey to Istanbul

DOĞU A. D., TUNCER F. D.

2nd Symposium of Archaeological and Historical Wood Utilization, Egmond Aan Zee, Netherlands, 28 - 30 September 2012, pp.1

Supported Projects

KÖSE N., GÜNER H. T., KARLIOĞLU KILIÇ N., YILMAZ H., ARSLANGÜNDÖĞDU Z., HIZAL E., TIRAK HIZAL K., TUNCER F. D., AKKEMİK Ü., YILMAZ O. Y., et al., Project Supported by Higher Education Institutions, İ.Ü. ORMAN FAKÜLTESİNDE SANAL MÜZE OLUŞTURULMASI, 2012 - 2016

Activities in Scientific Journals

İstanbul Üniversitesi Orman Fakültesi Dergisi / Journal of the Faculty of Forestry Istanbul University - (JFFIU),
Publication Committee Member, 2014 - Continues

Metrics

Publication: 13

Citation (WoS): 10

Citation (Scopus): 7

H-Index (WoS): 2

H-Index (Scopus): 2

Congress and Symposium Activities

13th IUFRO International Wood Drying Conference, Attendee, Turkey, 2017

Ecology 2017, Attendee, Kayseri, Turkey, 2017

The 10th International Conference Wood Science and Engineering in The Third Millennium, Attendee, Brasov, Romania, 2015

Historical Wood Utilization, Attendee, Egmond/Alkmaar, Netherlands, 2012