



# NEŞE ÇAKICI ALP

## PROF.

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**Email :** nese.cakici@kocaeli.edu.tr

### International Researcher IDs

ScholarID: RMMqIjsAAAAJ

ORCID: 0000-0002-7626-9212

Publons / Web Of Science ResearcherID: HRA-2178-2023

ScopusID: 58147771000

Yoksis Researcher ID: 116062

### Learning Knowledge

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Doctorate  
2005 - 2011

Istanbul Technical University, Mimarlık, Mimarlık, Turkey

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Postgraduate  
2001 - 2004

Gebze Technical University, Architecture Faculty, Architecture, Turkey

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Undergraduate  
1996 - 2000

Trakya University, Faculty of Engineering and Architecture, Architecture, Turkey

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Security, Fire Safety in Buildings, Izocam Insulation Training Center (İYEM) Trainings, 2003

Vocational Training, Fotoğraf Temel Eğitim Kursu (Photography Basic Training Course), EFOT Photography Basic Training Course, 2000

### Dissertations

Doctorate, Simulation and Representation of Occupants' Emergency Behaviour and Movement in Buildings Using an Agent Based Model, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimari Tasarım (Dr), 2011

Postgraduate, Determination of Emergency Evacuation Time in High-Rise Buildings, Gebze Technical University, Faculty of Architecture, Architecture, 2004

## Academic Titles / Tasks

Professor 2024 - Continues	Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık
Associate Professor 2017 - 2023	Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık
Assistant Professor 2012 - 2017	Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık
Lecturer 2008 - 2012	Gebze Yüksek Teknoloji Enstitüsü, Mimarlık Fakültesi, Mimarlık Bölümü
Research Assistant 2002 - 2008	Gebze Yüksek Teknoloji Enstitüsü, Mimarlık Fakültesi, Mimarlık Bölümü

## Supported Projects

- ÇAKICI ALP N., AYTAÇ A., CEYLAN ENGİN İ., Project Supported by Higher Education Institutions, ALEV GECİKTİRİCİ ÖZELLİĞE VE YÜKSEK MEKANİK DAYANIMA SAHİP 3D YAZICI FİLAMENTİ VE ÜRETİM YÖNTEMİ, 2024 - Continues
- DOĞAN B., ÇAKICI ALP N., ALAÇAM S., Project Supported by Higher Education Institutions, 06 02 2023 tarihinde Kahramanmaraş merkezli gelişen M 77 ve M 76 depremlerinin saha gözlemlerine göre analizi, 2023 - Continues
- ÇAKICI ALP N., CEYLAN İ., Project Supported by Higher Education Institutions, Kenevir Lifinden 3 Boyutlu Baskı İçin Kompozit Üretimi ve Kompozitin Mimaride Kullanımı, 2022 - Continues
- ÇAKICI ALP N., ÖNER D., DEMİRCAN K., Project Supported by Higher Education Institutions, GÖLCÜK ŞEHİR MÜZESİ İÇ MEKAN KURGUSUNUN PROJELENDİRİLMESİ, 2020 - 2022
- ÇAKICI ALP N., ÖNER D., DEMİRCAN K., Project Supported by Higher Education Institutions, GÖLCÜK ŞEHİR MÜZESİ, 2019 - 2020
- ÇAKICI ALP N., Project Supported by Higher Education Institutions, İnsan Etkileşimli Kinetik Anıtsal Deprem Enstalasyonunun Tasarlanması Ve Üretilmesi, 2019 - 2020
- ÇAKICI ALP N., CESUR D., Project Supported by Higher Education Institutions, DEĞİRMENDERE YALI MAHALLESİNDE BULUNAN, AHŞAP HEYKEL EVİ OLARAK ADLANDIRILAN YALININ SERGİLEME ELEMANLARININ TASARLANMASI VE UYGULAMA PROJESİNİN YAPIMI, 2018 - 2020
- ÇAKICI ALP N., BAŞ YILDIRIM M., AYDIN AKSAN A., Project Supported by Higher Education Institutions, GÖLCÜK KENT MERKEZİ VE ÇEVRESİNİN DİJİTAL TASARIM VE ÜRETİM ARAÇLARIYLA İMALAT PROJESİNİN YAPILMASI, 2015 - 2016
- ÇAKICI ALP N., Project Supported by Higher Education Institutions, GÖLCÜK KENT MERKEZİ VE ÇEVRESİNİN DİJİTAL TASARIM VE ÜRETİM ARAÇLARIYLA YENİDEN DÜZENLENMESİ, 2014 - 2014

## Awards

- Çakıcı Alp N., Bridges Short Film Festival, Aalto University University Of Helsinki Helsinki And Espoo, July 2020
- Çakıcı Alp N., 5. Uluslararası KOÜ TTO 2019 AR-GE Proje Pazarı, 2019, Kocaeli Üniversitesi, Sanayi Ve Teknoloji Bakanlığı Kocaeli İl Müdürlüğü, Kocaeli Ticaret Odası, Kocaeli Sanayi Odası Ve Koü Teknopark İşbirliği, November 2018
- Çakıcı Alp N., Fabfest 2018 The Peoples Prize, Westminster University, July 2018
- Çakıcı Alp N., FABFEST 2018: Hawthorn Prize, 2nd Prize , University Of Westminster, July 2018

5. Çakıcı Alp N., Fabfest 2017 The peoples prize, Westminster University , July 2017

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Teknik Üniversitesi, June, 2024

Doctorate, Doctorate, Kocaeli Üniversitesi, May, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2024

Doctorate, Doctorate, Kocaeli Üniversitesi, January, 2024

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, January, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Teknik Üniversitesi, January, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Teknik Üniversitesi, January, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2024

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, September, 2023

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, August, 2023

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, July, 2023

Doctorate, Doctorate, Boğaziçi Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2023

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2022

Post Graduate, Post Graduate, Bursa Teknik Üniversitesi, December, 2022

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, October, 2022

Competition, TÜRKİYE AY ÜSLERİ ULUSAL FİKİR YARIŞMASI PROJESİ, Bursa Teknik Üniversitesi, October, 2022

Post Graduate, Post Graduate, Süleyman Demirel Üniversitesi, July, 2022

Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2022

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2022

Post Graduate, Post Graduate, İstanbul Kültür Üniversitesi, June, 2022

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2022

Doctorate, Doctorate, Eskişehir Teknik Üniversitesi, January, 2022

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, July, 2021

Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2021

Post Graduate, Post Graduate, İstanbul Kültür Üniversitesi, June, 2021

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, June, 2021

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, May, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Yeditepe Üniversitesi, February, 2021

Doctorate, Doctorate, Mimar Sinan Güzel Sanatlar Üniversitesi, July, 2020

Competition, MARS 2050: YASAM ALANI FIKIR YARISMASI: "Dış Gezegen Şehirciliği ve Uzay Mimarlığı", Bursa Teknik Üniversitesi, July, 2020

Post Graduate, Post Graduate, Kocaeli Üniversitesi, July, 2020

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, February, 2020

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, January, 2020

Post Graduate, Post Graduate, İskenderun Teknik Üniversitesi, December, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Erzurum Teknik Üniversitesi, November, 2019

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, September, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, September, 2019

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2019

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2019

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2019

Post Graduate, Post Graduate, Eskişehir Teknik Üniversitesi, June, 2019

Post Graduate, Post Graduate, Boğaziçi Üniversitesi, May, 2019

Post Graduate, Post Graduate, Kocaeli Üniversitesi, May, 2019

Competition, Balkan Evleri Maket Yarışması, Balkan Türkleri Kültür ve Dayanışma Derneği, Kocaeli Üniversitesi, March, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gaziantep Üniversitesi, February, 2019

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, February, 2019

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, February, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Teknik Üniversitesi, January, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, September, 2018

Post Graduate, Post Graduate, Kocaeli Üniversitesi, May, 2018

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, May, 2018

Post Graduate, Post Graduate, Kocaeli Üniversitesi, May, 2018

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, February, 2018

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, February, 2018

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, October, 2017

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Boğaziçi Üniversitesi, April, 2017

Competition, Depremde Hayat Kurtaran Mobilyalar Tasarım Yarışması, Kocaeli Üniversitesi, June, 2015

Post Graduate, Post Graduate, Kocaeli Üniversitesi, May, 2015

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, January, 2015

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, May, 2014

Post Graduate, Post Graduate, Deniz Harp Okulu Komutanlığı, May, 2014

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

- Determination of optimum production and 3D printer application temperatures for hemp fiber reinforced polycarbonate composites**  
Engin I. C., Çakıcı Alp N., Aytac A.  
POLYMER COMPOSITES, vol.45, no.15, pp.14268-14281, 2024 (SCI-Expanded)
- Varagavank Monastery's Khachkar Motifs: Understanding Production Through Parametric Methods**  
Bayer S., Çakıcı Alp N.

- NEXUS NETWORK JOURNAL, vol.26, no.2, pp.257-274, 2024 (SCI-Expanded)
3. **Sustainable 3D printing with alkali-treated hemp fiber-reinforced polycarbonate composites**  
Ceylan I., Çakıcı Alp N., Aytaç A.  
CELLULOSE, vol.31, no.7, pp.4477-4495, 2024 (SCI-Expanded)
  4. **Augmented Reality and Wearable Technology for Cultural Heritage Preservation**  
İbiş A., Çakıcı Alp N.  
SUSTAINABILITY, vol.16, no.10, 2024 (SCI-Expanded)
  5. **Assessing the adoption of the Yavuz Battleship application in the mixed reality environment using the technology acceptance model**  
Kara M., Çakıcı Alp N.  
MULTIMEDIA SYSTEMS, vol.30, no.2, 2024 (SCI-Expanded)
  6. **Augmented reality experience in an architectural design studio**  
Çakıcı Alp N., Yazıcı Y. E., Oner D.  
Multimedia Tools and Applications, vol.82, no.29, pp.45639-45657, 2023 (SCI-Expanded)
  7. **Machine learning in architecture**  
Topuz B., Çakıcı Alp N.  
AUTOMATION IN CONSTRUCTION, vol.154, 2023 (SCI-Expanded)
  8. **Enhancing visual comfort with Miura-ori-based responsive facade model**  
Kahramanoglu B., Çakıcı Alp N.  
JOURNAL OF BUILDING ENGINEERING, vol.69, 2023 (SCI-Expanded)
  9. **Modelling the evacuation of a high-rise office building in Istanbul**  
Oven V., Çakıcı Alp N.  
Fire Safety Journal, vol.44, no.1, pp.1-15, 2009 (SCI-Expanded)

## Articles Published in Other Journals

1. **Insights into the use of composites reinforced with natural fibers in architectural applications, with a focus on kenaf fiber**  
Ceylan İ., Çakıcı Alp N.  
Sigma Journal of Engineering and Natural Sciences, vol.46, no.1, pp.1-20, 2025 (Peer-Reviewed Journal)
2. **The Technology of the 1960s and Its Impact on Architecture in 2001: A Space Odyssey**  
Çakıcı Alp N.  
Sanat ve Tasarım Dergisi, vol.26, no.1, pp.274-295, 2024 (Peer-Reviewed Journal)
3. **Prototyping Automotive Parts Using Fused Deposition Modeling (FDM) in Additive Manufacturing**  
Zeren M., Çakıcı Alp N., Özel Ş.  
Kalıp Dünyası, no.1, 2023 (Peer-Reviewed Journal)
4. **Every impactful architectural experience is a multisensory experience**  
Çakıcı Alp N., Erkan Yazıcı Y.  
Toki Haber, no.155, pp.56-59, 2023 (Non Peer-Reviewed Journal)
5. **Transferring Digital Information Layers to a Mixed Reality Environment via Yavuz Ship**  
Kara M., Çakıcı Alp N.  
Yeni Medya (Online), vol.2022, no.13, pp.288-309, 2022 (Peer-Reviewed Journal)
6. **Paradigm Shift in Manufacturing: 3D Additive Manufacturing**  
Zeren M., Çakıcı Alp N., Özel Ş.  
Metal Dünyası, no.12, 2022 (Peer-Reviewed Journal)
7. **Experiencing Interactive Systems at the Intersection of Kinetics and Automation Through Design Studio in Architecture**  
Çakıcı Alp N., Öner D.  
Journal of Computational Design, vol.3, no.2, 2022 (Peer-Reviewed Journal)
8. **Gölcük Kent Müzesi Tasarımı**

ÇAKICI ALP N., ÖNER D., DEMİRCAN K.

KAPU Trakya Mimarlık ve Tasarım Dergisi, vol.2, no.1, pp.35-54, 2022 (Peer-Reviewed Journal)

9. **GÖLCÜK CITY MUSEUM DESIGN**

Çakıcı Alp N., Öner D., Demircan K.

KAPU Trakya Mimarlık ve Tasarım Dergisi, vol.2, no.1, pp.35-54, 2022 (Peer-Reviewed Journal)

10. **Paradigm Shift in Manufacturing: 3D Additive Manufacturing**

Zeren M., Çakıcı Alp N., Özel Ş.

Metal Dünyası, no.354, pp.46-52, 2022 (Peer-Reviewed Journal)

11. **Application of 3D CAD Models in Additive Manufacturing of Automotive Parts**

Zeren M., Çakıcı Alp N., Özel Ş.

CADCAMCAE DÜNYASI, no.68, pp.34-40, 2022 (Peer-Reviewed Journal)

12. **Analysis of Modeling Approaches for Kinetic System Facades**

Çakıcı Alp N., Kahramanoğlu B.

AURUM Mühendislik Sistemleri ve Mimarlık Dergisi, vol.5, no.1, pp.1-20, 2021 (Peer-Reviewed Journal)

13. **APPLICATION OF LAYERED MANUFACTURING TECHNOLOGY WITH 3D PRINTERS IN AUTOMOTIVE INDUSTRY**

ÖZEL Ş., ZEREN M., ALP N. Ç.

International Journal of 3D Printing Technologies and Digital Industry, vol.4, no.1, pp.18-31, 2020 (Peer-Reviewed Journal)

14. **Yapı Bilgi Modellemesine Geçiş Sürecinde Yaşanan Anlaşmazlık ve Uyuşmazlıklar**

Demircan K., Çakıcı Alp N.

Artium, vol.8, no.2, pp.135-144, 2020 (Peer-Reviewed Journal)

15. **3 Boyutlu Eklemeli İmalat ve Otomotiv Uygulamaları**

Zeren M., Özel Ş., Çakıcı Alp N.

Metal Dünyası, vol.1, no.320, pp.70-80, 2020 (Peer-Reviewed Journal)

16. **Algoritmik Sıçramalar: Gölcük Seramik Müzesindeki İç Mekan Sergileme Elemanları Tasarımı ve Üretimi**

ALAÇAM S., ÇAKICI ALP N., CESUR D.

Yapı, Mimarlık, Tasarım, Kültür ve Sanat Dergisi, vol.1, no.437, pp.74-81, 2018 (Peer-Reviewed Journal)

17. **Duyuların Mekânsal Deneyimleri Şekillendirmesi: Sagrada Familia Kilisesi**

ERKAN YAZICI Y., ÇAKICI ALP N.

Art-e Sanat Dergisi EBSCO ART INDEX, vol.10, no.19, pp.55, 2017 (Peer-Reviewed Journal)

18. **Public Space Engagement: Design and Planning of Kocaeli Şirinköy Town Square and Park**

Çakıcı Alp N., Aydın Aksan A., Baş Yildirim M.

Yapı Dergisi Design and Applied Arts Index (DAAI), no.420, pp.42-45, 2016 (Peer-Reviewed Journal)

19. **Pull, Push, Sit: Reflections on the Design and Production Experience**

Aydın Aksan A., Çakıcı Alp N., Baş Yildirim M.

Yapı, no.418, pp.140-144, 2016 (Peer-Reviewed Journal)

20. **Design for Play**

Baş Yildirim M., Aksan Aydın A., Çakıcı Alp N.

Yapı, no.413, pp.136-141, 2016 (Peer-Reviewed Journal)

21. **Public Space Engagement: Planning and Design of Kocaeli Değirmendere Urban Square and Park**

Çakıcı Alp N., Baş Yildirim M., Asli A. A.

Artium mimarlık planlama sanat ve tasarım dergisi, vol.4, no.1, pp.43-57, 2016 (Peer-Reviewed Journal)

22. **Exploration of a Digital Design and Manufacturing Process within a Light-Shadow Interface: Engaging Students in Experiential Learning**

Çakıcı Alp N., Baş Yildirim M., Asli A. A.

Mimar.İst (Design and Applied Arts Index (DAAI)), vol.14, no.49, pp.76-82, 2014 (Peer-Reviewed Journal)

23. **Agent-Based Modeling and Simulation of User Emergency Behavior and Movement in Buildings**

Çakıcı Alp N., Çağdaş G.

İTÜ Dergisi Seri A: Mimarlık, Planlama, Tasarım, vol.10, no.2, pp.71-82, 2012 (Peer-Reviewed Journal)

24. **Computational Modeling of Building Evacuation Time**  
Çakıcı Alp N.  
Yangın ve Güvenlik Dergisi, no.141, pp.82-85, 2011 (Non Peer-Reviewed Journal)
25. **Modeling and Analysis of Fire Evacuation Time in High-Rise Buildings**  
Çakıcı Alp N.  
Mimarlık Dergisi (Avery Index to Architectural Periodicals), no.358, pp.41-45, 2011 (Peer-Reviewed Journal)
26. **Investigation of Fire Effects in Fuel Filling Facilities in Kocaeli Gulf District for a Potential Fire**  
Çakıcı Alp N.  
Yangın ve Güvenlik Dergisi, no.67, pp.32-38, 2002 (Non Peer-Reviewed Journal)

## Books & Book Chapters

1. **INCEPTION: TIME IN TIME, SPACE IN SPACE**  
Çakıcı Alp N.  
in: Architecture in Cinema, Nevnihal Erdoğan, Hikmet Temel Akarsu, Editor, Bentham Science Books, Singapore, pp.377-384, 2024
2. **Nineteen Eighty-Four**  
ÇAKICI ALP N.  
in: Architecture in Fictional Literature: Essays on Selected Works, , Editor, Bentham Science Books, pp.180-186, 2021
3. **IESKO 2019 Special Symposium for the 20th Anniversary of Kocaeli and Düzce Earthquakes**  
Sertçelik F. (Editor), Dindar A. A. (Editor), Karakaş A. (Editor), Üstün A. (Editor), Alık B. (Editor), Tunç B. (Editor), Erten Bilgiç D. (Editor), Kışalı E. (Editor), Ulutaş E. (Editor), Şentürk E. (Editor), et al.  
Kocaeli Üniversitesi Vakfı, Kocaeli, 2019
4. **XIII. COMPUTATIONAL DESIGN IN ARCHITECTURE NATIONAL SYMPOSIUM**  
Çakıcı Alp N. (Editor), Ezel Çırpı M. (Editor), Öner D. (Editor), Baran E. (Editor)  
Kocaeli Üniversitesi Vakfı Yayınları, Kocaeli, 2019
5. **Bindokuzyüzseksendört**  
Çakıcı Alp N.  
in: Edebiyatta Mimarlık, Nevnihal Erdoğan, Hikmet Temel Akarsu, Editor, Yapı Endüstri Merkezi Yayınları, İstanbul, pp.406-410, 2016

## Refereed Congress / Symposium Publications in Proceedings

1. **Augmented reality in architectural conservation: A literature review on cultural heritage**  
Çakıcı Alp N., İbiş A.  
DARCH 2024 APRIL - 5th INTERNATIONAL CONFERENCE ON ARCHITECTURE & DESIGN, 29 - 30 April 2024, pp.75-84
2. **06 / 02 / 2023 Tarihli, M 7.7 ve M 7.6 Kahramanmaraş Depremlerinin Yüzey Kırığı, Yanal Atım, Büyüklük İlişkisi ve 20 / 02 / 2023 Tarihli, M 6.3 Hatay Depremi ile Birlikte Aktif fay – Tektonik Ortam Analizi**  
DOĞAN B., ERKÜL F., Fatih Ş., ZENGİN E., ALAÇAM S., ÇAKICI ALP N., AYDOĞAN Ö., AKÇAL A. N.  
Aktif Tektonik Araştırma Grubu 26. Çalıştayı, İstanbul, Turkey, 01 November 2023, pp.28
3. **Kahramanmaraş (Türkiye), 06/02/2023 Tarihli, M 7.7 ve M 7.6 Depremlerinin, Yüzey Kırıklarının ve Tektonik Kaynağı Fayların Geometrisi - Tectonic Model of the Surface Ruptures Geometry of M 7.7 and M 7.6 Earthquakes, of Their Source Faults of Kahramanmaraş (Türkiye) on 06 / 02 / 2023**  
DOĞAN B., Fatih Ş., ZENGİN E., ALAÇAM S., ÇAKICI ALP N.  
Uluslararası Katılımlı 75. Türkiye Jeoloji Kurultayı 10-14 Nisan 2023, Ankara, Türkiye 75th Geological Congress of Türkiye with International Participation April 10-14, 2023, Ankara, Türkiye, Ankara, Turkey, 10 April 2023, pp.74

4. **Auxetik Davranış ile Mimari Tasarım Deneyimi**  
ÖNER D., EZEL ÇIRPI M., ÇAKICI ALP N.  
Mimarlıkta Sayısal Tasarım Sempozyumu, Turkey, 13 - 15 September 2020
5. **3D Boyutlu Eklemeli İmalat Yazıcıları: Endüstriyel Üretimde Gelecekteki Devrim**  
ZEREN M., ÇAKICI ALP N., ÖZEL Ş.  
International Marmara Sciences Congress (Spring) 2020, 19 June 2020, vol.1, pp.193-203
6. **3D BOYUTLU YAZICI: ENDÜSTRİYEL ÜRETİMDE GELECEKTEKİ DEVRİM**  
Zeren M., Çakıcı Alp N., Özel Ş.  
International Marmara Sciences Congress (Spring 2020), Kocaeli, Turkey, 19 - 20 June 2020, vol.2020, pp.34
7. **Mimarlığın Yaşayan Arayüzleri: Sentetik Bakteri Tabanlı Tasarım Stratejileri**  
AKKAYA Ö., ÇAKICI ALP N., AYDIN AKSAN A., ALAÇAM S.  
MSTAS 2018: "Dönüştürülebilir Mekânlar", XII. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu, Isparta, Turkey, 21 - 22 June 2018
8. **Open Space Design Programs in Urban Transformation Projects Kartepe Aesthetic Transformation Project Case**  
KOÇ E., ÇAKICI ALP N.  
1. Uluslararası Kentsel Planlama-Mimarlık-Tasarım Kongresi, Kocaeli, Turkey, 8 - 11 May 2014, pp.110
9. **Occupant Emergency Behaviour in Turkey**  
ÇAKICI ALP N., ÇAĞDAŞ G.  
Pedestriann Evacuation Dynamics 2012, 6 - 08 June 2012
10. **Bina Tahliye Modelleri ve Etmen Tabanlı Bina Tahliye Modeli ABEVAC**  
ÇAKICI ALP N.  
12. Uluslararası Yanma Sempozyumu, 24 - 26 May 2012, pp.266-273
11. **Bina Tahliye Modelleri ve Modelleme Yaklaşımları**  
ÇAKICI ALP N.  
Yangın ve Güvenlik Sempozyumu, Turkey, 13 - 14 October 2011, pp.247-257
12. **Etmen Tabanlı Bina Tahliye Modeli**  
ÇAKICI ALP N., ÇAĞDAŞ G.  
Mimarlıkta Sayısal Tasarım 2010 Ulusal Sempozyumu, Turkey, 09 May 2010
13. **Using buildingEXODUS for Evacuation Analysis of a Tall Building in Istanbul**  
ÇAKICI ALP N.  
5 Minutes to Survive Years to Recover (International Conference), 21 - 25 November 2005, pp.91-104
14. **İstanbul da 17 Ağustos Sonrası Tahribatsız Beton Mukavemet Ölçümleri**  
VASIF ATILLA Ö., ÇAKICI ALP N., İHSAN P., DİLEK P.  
II. Uluslararası Tahribatsız Muayene Sempozyum ve Sergisi, 9 - 11 October 2003, pp.59-61
15. **Yapılarda Acil Boşaltım Analizi**  
ÖVEN V. A., ÇAKICI ALP N.  
II. Yangın Sempozyumu ve Sergisi (Uluslararası katılımlı), Turkey, 11 - 13 June 2003, pp.179-193

## Academic and Administrative Experience

2016 - 2021	<b>Vice Dean</b>	Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık
2014 - 2015	<b>Deputy Head of Department</b>	Kocaeli Üniversitesi, Mimarlık Ve Tasarım Fakültesi, Mimarlık Bölümü
2013 - 2014	<b>Deputy Head of Department</b>	Kocaeli Üniversitesi, Mimarlık Ve Tasarım Fakültesi, Mimarlık Bölümü



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2013 - 2014

**Mevlana Exchange  
Program Institutional  
Coordinator**

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Kocaeli Üniversitesi, Mimarlık Ve Tasarım Fakültesi, Mimarlık Bölümü

## Courses

Computer Aided Design, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
MSc Seminar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
PhD Studio 1, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Architectural Design with Computing, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
CAM Technologies in Architecture, Undergraduate, 2022 - 2023  
PhD Seminar, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Field of Expertise, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
PhD Seminar II, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Architectural Design, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Field of Expertise, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Diploma Project, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Computer Technologies in Architecture, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
MSc Thesis, Postgraduate, 2022 - 2023

## Advising Theses

Çakıcı Alp N., Ermeni Haçkar Motiflerinin Hesaplamalı Olarak Analizi, Doctorate, S.Bayer(Student), 2024  
Çakıcı Alp N., Assessment of the architectural cultural route development process utilizing augmented reality technology: A case study of Kapanca Street in Kocaeli, Doctorate, A.İbiş(Student), 2024  
Çakıcı Alp N., Assessing the integration of machine learning in architectural practice: A review of research from 2007 to 2023, Postgraduate, B.Topuz(Student), 2024  
Çakıcı Alp N., Origami-based responsive façade model to improve visual and thermal comfort, Postgraduate, B.KAHRAMANOGLU(Student), 2023  
Çakıcı Alp N., Reconstruction of the Yavuz Ship in a Mixed Reality Environment, Postgraduate, M.KARA(Student), 2023  
Çakıcı Alp N., Analysis of Conflicts and Disputes in the Transition to BIM, Postgraduate, K.DEMİRCAN(Student), 2021

## Design

1. Çakıcı Alp N., Öner D., Gölcük City Museum, Building Design / Architectural Project, April 2022
2. Çakıcı Alp N., Alaçam S., Design and Implementation Project of Gölcük Ceramic House Exhibition Elements, Building Design / Interior Architecture Project, June 2018
3. Çakıcı Alp N., Transforming the Atatürk Neighborhood in Gölcük Using Digital Design and Production Tools, Building Design / Architectural Project, January 2016
4. Çakıcı Alp N., Developing the Gölcük "Kervan Saray" and Its Surroundings Using Digital Design and Production Tools, Building Design / Architectural Project, March 2015

## Activities in Scientific Journals

Journal of Computational Design, Advisory Committee Member, 2019 - Continues

## Scientific Refereeing

EDUCATION AND INFORMATION TECHNOLOGIES, SCI Journal, November 2023  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2023, Conference Paper (Full Text), June 2023  
A|Z : ITU JOURNAL OF FACULTY OF ARCHITECTURE, Other Indexed Journal, March 2023  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, January 2023  
EDUCATION AND INFORMATION TECHNOLOGIES, SCI Journal, September 2022  
Journal of Computational Design, Other Indexed Journal, August 2022  
EDUCATION AND INFORMATION TECHNOLOGIES, SCI Journal, August 2022  
Journal of Computational Design, Other Indexed Journal, August 2022  
Journal of Computational Design, Other Indexed Journal, August 2022  
Journal Of Computational Design, Other Indexed Journal, June 2022  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2022, Conference Paper (Full Text), June 2022  
TUBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Kocaeli University, Turkey, June 2022  
TUBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Kocaeli University, Turkey, June 2022  
Tasarım Mimarlık ve Mühendislik Dergisi, Other Indexed Journal, January 2022  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2021, Conference Paper (Full Text), June 2021  
Tasarım Mimarlık ve Mühendislik Dergisi, Other Indexed Journal, June 2021  
Journal of Computational Design, Other Indexed Journal, February 2021  
A|Z : ITU JOURNAL OF FACULTY OF ARCHITECTURE, Other Indexed Journal, February 2021  
SMART AND SUSTAINABLE BUILT ENVIRONMENT, Journal Indexed in ESCI, September 2020  
Journal of Computational Design, Other Indexed Journal, September 2020  
Journal of Computational Design, Other Indexed Journal, September 2020  
MİMARLIK VE YAŞAM, Other Indexed Journal, July 2020  
MİMARLIK VE YAŞAM, Other Indexed Journal, July 2020  
MİMARLIK VE YAŞAM, Other Indexed Journal, July 2020  
Journal of Computational Design, Other Indexed Journal, July 2020  
MİMARLIK VE YAŞAM, Other Indexed Journal, July 2020  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2020, Conference Paper (Full Text), June 2020  
BUILDING AND ENVIRONMENT, SCI Journal, November 2019  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2019, Conference Paper (Full Text), June 2019  
A|Z : ITU JOURNAL OF FACULTY OF ARCHITECTURE, Other Indexed Journal, May 2019  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2018, Conference Paper (Full Text), June 2018  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2017, Conference Paper (Full Text), June 2017  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2016, Conference Paper (Full Text), June 2016  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2015, Conference Paper (Full Text), June 2015  
BUILDING AND ENVIRONMENT, SCI Journal, July 2014  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2014, Conference Paper (Full Text), June 2014  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2013, Conference Paper (Full Text), June 2013  
Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu 2012, Conference Paper (Full Text), June 2012

## Scientific Consultations

TUBİTAK Marmara Teknokent , Scientific Consultancy, Kocaeli University, Mimarlık ve Tasarım Fakültesi, Mimarlık, Turkey, 2015 - 2015

## Tasks In Event Organizations

Çakıcı Alp N., Mimarlıkta Sayısal Tasarım Sempozyumu (MSTAS'19), Scientific Congress, Turkey, Haziran 2019  
Çakıcı Alp N., It Çek Kesit Al Tasarla (Pull-Push- Sit), Workshop Organization, Turkey, Haziran 2014  
Çakıcı Alp N., Sayısal Tasarla Üret-Isık Gölge Arayüzünde, Workshop Organization, Turkey, Mart 2014  
Çakıcı Alp N., Sayısal Tasarla Üret-Oynamak için Tasarla,, Workshop Organization, Turkey, Aralık 2013  
Çakıcı Alp N., MİMARLIKTA SAYISAL TASARIM SEMPOZYUMU 2011, Scientific Congress, Turkey, Mayıs 2011  
Çakıcı Alp N., Mimarlıkta Sayısal Tasarım 2011 Sempozyumu kapsamında yapılan çalıştay, Workshop Organization, Turkey, Mayıs 2011  
Çakıcı Alp N., 5 Minutes to Survive Years to Recover, Workshop Organization, Turkey, Ekim 2005

## Metrics

Publication: 55  
Citation (WoS): 86  
Citation (Scopus): 110  
H-Index (WoS): 3  
H-Index (Scopus): 4

## Research Areas

Architecture, Engineering and Technology

## Non Academic Experience

Ministry, Ministry of Science, Industry and Technology, R&D design center  
Ministry, Ministry of Science, Industry and Technology, R&D design center  
Ministry, Ministry of Science, Industry and Technology, R&D design center  
Ministry, Ministry of Science, Industry and Technology, R&D design center  
Ministry, Ministry of Science, Industry and Technology, R&D design center  
TUBITAK, TÜBİTAK, MARTEK