

ÇAĞLAR AYDIN

RES. ASST. PHD

Email : caglaraydin@ktu.edu.tr

Office Phone : [+90 462 377 1671](tel:+904623771671)

International Researcher IDs

ScholarID: X2ZSwAMAAAAJ

ORCID: 0000-0001-6481-9523

Publons / Web Of Science ResearcherID: A-1774-2018

Yoksis Researcher ID: 193151

Learning Knowledge

Doctorate 2013 - 2020	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Mimarlık Anabilimdalı, Turkey
Postgraduate 2010 - 2012	Clemson University, Department Of Planning, Development And Preservation, Historic Preservation, United States Of America
Undergraduate 2003 - 2007	Karadeniz Technical University, Mimarlık Fakültesi, Mimarlık Bölümü, Turkey

Certificates, Courses and Trainings

IT, Temel Radyo Haberleşme Eğitim Sertifikası, Hubsan Teknoloji, 2019

IT, MotoSIM / Yaskawa Robot Simülasyon Programı, MotoSIM / Yaskawa Robot Simülasyon Programı, 2019

IT, Uygulamalı Robot Operatör ve Yazılım Eğitimi, Robentex, 2019

IT, MasterCAM, 3M Genel Merkezi, 2019

IT, Robot Operatörü Eğitimi, Yaskawa Genel Merkezi / İstanbul, 2019

IT, Octopuz / Robot Simülasyon Programı Eğitimi, Tervelli, 2019

Vocational Training, Robotic Earth Crafts, İstanbul Bilgi Üniversitesi, 2018

Environment and Sustainability, Leed Green Associates, U.S. Green Building Council South Carolina Chapter, 2010

Foreign Language, Prep Program for the TOEFL IBT, ELS Language Centers Teaneck, NJ, 2009

Foreign Language, Semi-Intensive English Program, ELS Language Centers Teaneck, NJ, 2009

Foreign Language, Advanced Levels of the Intensive English Program, ELS Language Centers Teaneck, NJ, 2009

Dissertations

Doctorate, GELENEKSEL TRABZON EVLERİ ÖRNEĞİNDE GRAMER TABANLI TASARIM ALTLIĞI ÜRETİMİ, Karadeniz
Technical University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, The Potential of Virtual Heritage Reconstruction in Ansonborough, Charleston, South Carolina, Clemson
University, Department Of Planning, Development And Preservation, Historic Preservation, 2012

Academic Titles / Tasks

Supported Projects

1. Sağlam T., Yavuz M., Okumuş H. İ., Ulutaş Karakol D., Aydın E., Yavuz Z., Aydın Ç., Fettahoğlu E., TUBITAK Project, Trabzon Tarihi Kent Mimarlığı Ve Sanala Aktarimi, 2023 - 2025
2. Tuluk Ö. İ., Kuloğlu N., Beşgen A., Engin N., Vural N., Kılıçaslan H., Aydın Ö., Aydın Sancaroğlu A., Yılmaz S., Sancar Özyavuz K., et al., TUBITAK Project, LIVENARCH 2023: Re/De/Generation(s) in Architecture, 2023 - 2023
3. VURAL S., AYDIN Ç., OKTAN S., ÇAĞLAR B., Project Supported by Higher Education Institutions, Sayısal Tasarım Araştırma ve Fabrikasyon Laboratuvarı Altyapısını Geliştirme Projesi, 2018 - 2019

Awards

1. Vural S., Karadayı A., Yalçınkaya Ş., Sancar Özyavuz K., Aydın Ç., Oktan S., Mühendislik Mimarlık Ödülleri/ En İyi Tasarım Ödülü / KTÜ Çocuk Hastanesi, Ortahisar Belediyesi, June 2022
2. Peterson Prize, National Park Service, The Athenaeum Of Philadelphia, The American Institute Of Architects, And The Association For Preservation Technology, Usa, January 2013
3. Peterson Prize, National Park Service, The Athenaeum Of Philadelphia, The American Institute Of Architects, And The Association For Preservation Technology, Usa, January 2011

Scholarships

YLSY, Ministry of Education, 2008 - 2012

Articles Published in Other Journals

1. **Hastanelerdeki Tasarım Yaklaşımına Yönelik Bir Vaka Analizi: KTÜ Çocuk Hastanesi**
Vural S., Karadayı A., Yalçınkaya Ş., Sancar Özyavuz K., Aydın Ç., Oktan S.
International Journal of Social and Humanities Sciences Research, vol.10, no.95, pp.1060-1069, 2023 (Peer-Reviewed Journal)
2. **Machine as the Designer of Generative Solutions in Chair Design**
Uludüz Ç., Aydın Ç.
Journal of Computational Design, vol.3, no.1, pp.81-104, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

1. **LivenArch VIII Proceedings**
Aydın Ç. (Editor)
Karadeniz Teknik Üniversitesi Basımevi, Trabzon, 2023
2. **Constructing Voronoi Cells As A Building Façade Using Perforated Material**
VURAL S., AYDIN Ç., OKTAN S.
in: Materiality as a Process, Manuel Couceiro da Costa Bárbara Formiga Günsu Merin Abbas, Editor, Caleidoscopio, pp.195-205, 2019

Refereed Congress / Symposium Publications in Proceedings

1. **Searching The Question "How" In Design Process Through Computational Methods**
AYDIN Ç., VURAL S., OKTAN S.
ArchDesign 18, Dubrovnik, Croatia, 13 - 14 April 2018, pp.270-279
2. **Searching The Question "Why?" in Design Process Through Computational Methods**
OKTAN S., AYDIN Ç., VURAL S.
Livenarch 5th International Congress, Trabzon, Turkey, 28 - 30 September 2017, pp.338-350

Design

1. Vural S., Aydın Ç., KTÜ İnşaat Mühendisliği Deprem Laboratuvarı, Building Design / Architectural Project, April 2018
2. AYDIN Ç., Uchkeken Alania Village 8 Tip villa Mimari Projesi / Karachai-Cherkesky / Russia
3. Vural S., Aydın Ç., KTÜ Merkezi Laboratuvar Binası Mimari Uygulama ve Detay Projeleri, Building Design / Architectural Project, June 2016
4. VURAL S., AYDIN Ç., KTÜ Tıp Fakültesi Farabi Hastanesi Tadilat Projesi
5. VURAL S., AYDIN Ç., KTÜ Merkezi Laboratuvar Binası Mimari Avan ve Kesin Projeleri
6. VURAL S., AYDIN Ç., KTÜ Farabi 225 Yataklı Çocuk Hastanesi Mimari Kesin ve Uygulama Projesi
7. VURAL S., AYDIN Ç., KTÜ Farabi 225 Yataklı Çocuk Hastanesi Mimari Avan Projesi
8. VURAL S., AYDIN Ç., KTÜ Farabi Hastaneleri Yerleşke Gelişim Projesi

Tasks In Event Organizations

Vural N., AYDIN Ç., LIVENARCH VIII-2023: Re/De/Generation(s) in Architecture, Scientific Congress, Turkey, Eylül 2023
Vural S., Aydın Ç., Özyavuz A., MSTAS 2020 / Mimarlıkta Sayısal Tasarım 14. Ulusal Sempozyumu, Scientific Congress, Trabzon, Turkey, Ekim 2020

Metrics

Publication: 6

Congress and Symposium Activities

Fabricate 2017, Attendee, Stuttgart, Germany, 2017
Past Forward 2011, Attendee, New York, United States Of America, 2011
UIA 2005, Attendee, İstanbul, Turkey, 2005

Research Areas

Architecture, Building Information, Architectural Design, Engineering and Technology

Non Academic Experience

Trabzon Milli Eğitim Müdürlüğü
Business Establishment Private, Yıltur Bahadır Yılmaz Mimarlık

