

# Prof. İKBAL ÇETİNER

## Personal Information

**Email:** ikbal.cetiner@marmara.edu.tr

**Web:** <https://avesis.marmara.edu.tr/15234>

**Address:** Marmara Üniversitesi Mimarlık ve Tasarım Fakültesi Dragos - Kartal

## International Researcher IDs

ORCID: 0000-0001-5034-7895

Publons / Web Of Science ResearcherID: O-1774-2013

ScopusID: 6506418370

Yoksis Researcher ID: 109961

## Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 1998 - 2002

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 1990 - 1992

Undergraduate, Istanbul Technical University, Turkey 1985 - 1989

## Dissertations

Doctorate, Çift Kabuk Cam Cephelerin Enerji ve Ekonomik Etkinliğinin Değerlendirilmesinde Kullanılabilecek Bir Yaklaşım, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, 2002

Postgraduate, Yük Dağıtma Doğrultuları Açısından Strüktürel Formlar, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, 1992

## Research Areas

Architecture, Building Information, Structural elements, Engineering and Technology

## Academic Titles / Tasks

Professor, Marmara University, Mimarlık ve Tasarım Fakültesi, Mimarlık, 2023 - Continues

Professor, Kırklareli University, Faculty Of Architecture, Department Of Architecture, 2020 - 2021

Associate Professor, Istanbul Technical University, Mimarlık, Mimarlık, 2014 - 2020

Assistant Professor, Istanbul Technical University, Mimarlık, Mimarlık, 2004 - 2014

## Academic and Administrative Experience

Head of Department, Marmara University, Mimarlık ve Tasarım Fakültesi, Mimarlık, 2023 - Continues

Vice Dean, Kırklareli University, Faculty Of Architecture, Department Of Architecture, 2022 - 2023

Head of Department, Kırklareli University, Faculty Of Architecture, Department Of Architecture, 2020 - 2023

Deputy Head of Department, Istanbul Technical University, Mimarlık, Mimarlık, 2012 - 2014

## Courses

Detail and Design, Undergraduate, 2023 - 2024

Architecture and Technology 1, Undergraduate, 2023 - 2024

Architecture and Technology 3, Undergraduate, 2023 - 2024

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Kırklareli Üniversitesi, May, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Kırklareli Üniversitesi, February, 2023

Associate Professor Exam, Associate Professor Exam, Kırklareli Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Marmara Üniversitesi, November, 2022

Associate Professor Exam, Associate Professor Exam, Kırklareli Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Kırklareli Üniversitesi, May, 2022

Doctoral Examination, Doctoral Examination, Kırklareli Üniversitesi, May, 2022

Associate Professor Exam, Associate Professor Exam, Kırklareli Üniversitesi, July, 2021

Associate Professor Exam, Associate Professor Exam, Kırklareli Üniversitesi, July, 2021

Associate Professor Exam, Associate Professor Exam, Kırklareli Üniversitesi, June, 2021

Doctoral Examination, Doctoral Examination, Kırklareli Üniversitesi, May, 2021

Doctorate, Doctorate, Kırklareli Üniversitesi, March, 2021

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, July, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Teknik Üniversitesi, January, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, January, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2019

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, November, 2019

Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi, May, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, July, 2018

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, January, 2017

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2016

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, December, 2016

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, December, 2016

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, July, 2016

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, July, 2015

Competition, Çuhadaroğlu Alüminyum Öğrenci Proje Yarışması, İstanbul Teknik Üniversitesi, September, 2014

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

### I. Su yalıtımı uygulamalarının üretim ve yapım süreci çevresel etki değerlendirmesi

Levent Ş., ÇETİNER İ.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.1, pp.145-158, 2022 (SCI-Expanded)

### II. Wood waste as an alternative thermal insulation for buildings

- Çetiner İ., Shea A. D.  
ENERGY AND BUILDINGS, vol.168, pp.374-384, 2018 (SCI-Expanded)
- III. **Economic performance assessment of residential building retrofits: a case study of Istanbul**  
Çetiner İ., METİN B.  
ENERGY EFFICIENCY, vol.10, no.5, pp.1061-1079, 2017 (SCI-Expanded)
- IV. **An environmental and economic sustainability assessment method for the retrofitting of residential buildings**  
Çetiner İ., Edis F. E.  
ENERGY AND BUILDINGS, vol.74, pp.132-140, 2014 (SCI-Expanded)
- V. **Environmental consequences of rehabilitation of residential buildings in Turkey: A case study of Istanbul**  
Çetiner İ., Ceylan N.  
BUILDING AND ENVIRONMENT, vol.69, pp.149-159, 2013 (SCI-Expanded)
- VI. **Assessing the effect of facade variations on post-construction period environmental sustainability of residential buildings**  
Çetiner İ., Edis F. E.  
SUSTAINABLE CITIES AND SOCIETY, vol.6, pp.68-76, 2013 (SCI-Expanded)
- VII. **An approach for the evaluation of energy and cost efficiency of glass facades**  
Çetiner İ., Ozkan E.  
ENERGY AND BUILDINGS, vol.37, no.6, pp.673-684, 2005 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Yapım Sürecinde Atık Yönetimi: Yapım Sürecinde Atık Yönetiminin Sistem Yaklaşımıyla Ele Alınması**  
AKSEL ÇİÇEKÇİ H., ÇETİNER İ.  
JOURNAL OF ARCHITECTURAL SCIENCES AND APPLICATIONS, vol.6, no.1, pp.206-226, 2021 (Peer-Reviewed Journal)
- II. **Construction waste management practices on-sites: A case study of Istanbul city**  
AKSEL ÇİÇEKÇİ H., ÇETİNER İ.  
Environmental Research & Technology, vol.3, no.2, pp.50-63, 2020 (Peer-Reviewed Journal)
- III. **High Performance Window Selection Model HiPerWin**  
Çetiner İ.  
A|Z : ITU JOURNAL OF FACULTY OF ARCHITECTURE, vol.9, no.1, pp.165-180, 2012 (Scopus)

### Books & Book Chapters

- I. **Faz Değiştiren Malzemeler ve Bina Elemanı Sistemlerinde Kullanımı**  
Anayurt M., ÇETİNER İ.  
in: Mühendislik Alanında Uluslararası Araştırmalar, Alper Bideci, Editor, Platanus Publishing, Ankara, pp.210-246, 2023
- II. **Investigating the Energy Efficiency of Double Skin Glass Façades for an Office Building in Istanbul**  
ÇETİNER İ., AYGÜN M.  
in: Smart and Sustainable Built Environments, Yang, J., Brandon, P.S., Sidwell, A.C., Editor, Blackwell Publishing Ltd (in Books Citation Index), Oxford, pp.103-110, 2005

### Refereed Congress / Symposium Publications in Proceedings

- I. **Biyomimikriyi Anlamak**

Erşahin E., ÇETİNER İ.

7. Uluslararası Mühendislik Mimarlık ve Tasarım Kongresi, İstanbul, Turkey, 20 - 21 May 2021, pp.170-179

**II. Evaluation of the Environmental Impacts of Living Walls**

Seyrek I. C., ÇETİNER İ.

International Civil Engineering and Architecture Conference (ICEARC'19), 17 - 20 April 2019

**III. Assessing Environment Impacts of Curtain Wall Cladding Systems in Office Buildings**

Matnagh E. I., ÇETİNER İ.

International Civil Engineering and Architecture Conference (ICEARC'19), 17 - 20 April 2019

**IV. An Evaluation On-site Waste Management Practices in Turkey Through Istanbul City Example**

AKSEL ÇİÇEKÇİ H., ÇETİNER İ.

4th International Congress on Environmental Researches and Technology, 14 - 18 November 2018

**V. A Discussion on The Quantification Methodologies and Their Applicability in Turkey for Construction and Demolition Waste (CD)**

AKSEL ÇİÇEKÇİ H., ÇETİNER İ.

III. International Conference on Sustainable Development (ICSD), Saraybosna, Bosnia And Herzegovina, 19 - 23 April 2017

**VI. Investigating Energy Efficiency of PV Panels Mounted on Buildings**

TURHAN S., ÇETİNER İ.

14th International Conference of the International Building Performance Simulation Association, 7 - 09 December 2015

**VII. Investigating Energy Efficiency of Photovoltaic Panels Mounted on Exterior Walls**

KISADUR M., ÇETİNER İ.

ICBEST 2014 Building for a changing world, International Conference on Building Envelope Systems and Technologies, 9 - 12 June 2014

**VIII. Environmental Sustainability Performance of Residential Buildings Thermal Retrofits**

ÇETİNER İ., EDİS F. E.

13 DBMC the XIII International Conference on Durability of Building Materials and Components, 2 - 05 September 2014

**IX. Evaluating Thermal Comfort Near Perimeter Zone In Double Skin Glass Facades For Moderate Climates**

ORKMEZ A. S., ÇETİNER İ.

SASBE 2012-Smart and Sustainable Built Environments: Emerging economies, 27 - 29 June 2012

**X. Integrating Environmental Sustainability Issues into Building Science and Technology Courses of Architecture Education**

ÇETİNER İ., EDİS F. E.

SASBE 2012-Smart and Sustainable Built Environments: Emerging economies, 27 - 29 June 2012

**XI. Assessing the Effect of Energy Efficient Renovations for Existing Residential Buildings on Post Construction Period Energy Consumption According to Different Climatic Regions**

ÇETİNER İ., METİN B.

the 6th World Sustainable Building Conference (SB11), 18 - 21 October 2011

**XII. Evaluating the Life Cycle Environmental Impacts of Heat Insulation Applications for the Existing Residential Buildings in Istanbul with regard to Building Ages**

ÇETİNER İ., CEYLAN N.

the 6th World Sustainable Building Conference (SB11), 18 - 21 October 2011

## Supported Projects

Çetiner İ., TUBITAK Project, Dış Duvar Yenilemelerinde Kullanılan Yalıtım Malzemelerinin Enerji ve Çevresel Performansının Analizi, 2015 - 2016

Çetiner İ., Project Supported by Higher Education Institutions, Dış duvara tespit edilmiş fotovoltaik sistemlerin

performansının deneysel olarak deęerlendirilmesi, 2013 - 2015

Çetiner İ., TUBITAK Project, İSTANBUL DAKİ MEVCUT KONUT STOĞUNUN BİNA ELEMANLARI ÖLÇEĞİNDE KULLANIM SÜRECİ ÇEVRESEL VE EKONOMİK SÜRDÜRÜLEBİLİRLİĞİNİN DEĞERLENDİRİLMESİ VE İYİLEŞTİRME ÖNERİLERİ GELİŞTİRİLMESİ, 2009 - 2011

Çetiner İ., Project Supported by Higher Education Institutions, Türkiye de Farklı İklim Bölgelerinde Konut Binaları İçin Yüksek Performanslı Pencere Tasarım Ve Seçim Modeli, 2005 - 2010

## **Scientific Refereeing**

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Cankaya University, Turkey, May 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kadir Has University, Turkey, May 2023

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, April 2023

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Erciyes University, Turkey, January 2023

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, October 2022

INTERNATIONAL JOURNAL OF GLOBAL WARMING, Journal Indexed in SCI-E, May 2022

TÜBİTAK International Multi-Cooperation Project, ERA.NET Project, Yıldız Technical University, Turkey, May 2022

Journal of Construction Engineering, Management & Innovation (Online), Other Indexed Journal, February 2022

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, January 2022

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, November 2021

SUSTAINABLE CITIES AND SOCIETY, Journal Indexed in SCI-E, July 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gaziantep University, Turkey, January 2020

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, December 2018

JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCI-E, January 2018

SUSTAINABLE CITIES AND SOCIETY, Journal Indexed in SCI-E, November 2016

## **Scholarships**

2219 Yurtdışı doktora sonrası araştırma bursu, TUBITAK, 2015 - 2016

Program to Support the Participation of Academic Staff in Long-Term Research Activities Abroad, University, 2004 - 2005

TİNÇEL Foundation Research Scholarship, Foundation, 1999 - 1999