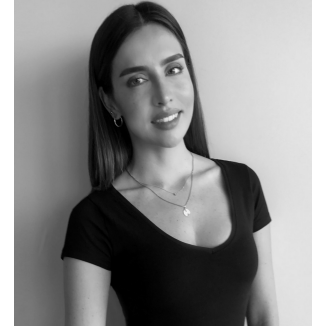


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Education Information

- I. Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, Turkey 2012 - 2014
- II. Undergraduate, Istanbul Technical University, Mimarlık, Mimarlık, Turkey 2007 - 2012

Foreign Languages

- I. English, C1 Advanced

Dissertations

- I. Postgraduate, Sıcak-Kuru İklim Bölgelerinde Enerji Korunumu-Yerleşme Dokusu-Form Etkileşimi: Geleneksel Diyarbakır Evleri Örneği, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık Anabilim Dalı, 2014

Research Areas

Architecture, Building Information, Physical Urban Protection, Engineering and Technology

Academic Titles / Tasks

- I. Research Assistant, Istanbul Technical University, Mimarlık, Mimarlık, 2014 - Continues

Courses

- I. Environmental control studio, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020
- II. Graduation Project, Undergraduate, 2018 - 2019
- III. Energy efficient housing, Undergraduate, 2016 - 2017, 2017 - 2018, 2019 - 2020
- IV. Uygulama projesi, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The impact of urban form on building energy and cost efficiency in temperate-humid zones**
Mangan S. D., Koçlar Oral G., Erdemir Kocagil İ., Sozen I.

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III. The Effect of Building Form and Settlement Texture on Energy Efficiency for Hot Dry Climate Zone in Turkey

Erdemir Kocagil İ., Koçlar Oral G.

Energy Procedia, no.78, pp.1835-1840, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

I. The effect of solar heat gain on climate responsive courtyard buildings

Erdemir Kocagil İ., Koçlar Oral G.

A/Z ITU Journal of the Faculty of Architecture, vol.13, no.2, pp.39-46, 2016 (Refereed Journals of Other Institutions)

Books & Book Chapters

I. Sıcak Kuru İklim Bölgelerinde Enerji-Form-Yerleşme Dokusu Etkileşimi

ERDEMİR İ., KOÇLAR ORAL G.

LAMBERT Academic Publishing by OmniScriptum, Saarbrücken, 2017

Refereed Congress / Symposium Publications in Proceedings

I. Impact of urban textures on residential building performances in terms of energy and cost efficiency

MANGAN S. D. , KOÇLAR ORAL G., ERDEMİR İ.

Clima 2019, 26 - 19 May 2019, vol.111, no.2019, pp.6025

II. THE IMPACT OF SOLAR GAIN AND DAYLIGHT AVAILABILITY ON BUILDING ENERGY LOADS RELATED TO URBAN GEOMETRY

ERDEMİR İ., KOÇLAR ORAL G.

SOLAR-TR 2018, 29 - 30 November 2018, pp.190-199

III. Effect of Urban Texture on Building Energy Performance

MANGAN S. D. , KOÇLAR ORAL G., ERDEMİR İ.

7th International Building Physics Conference, IBPC2018, 23 - 26 September 2018, vol.1, pp.569-574

IV. Kentsel Geometri-Bina Enerji Performansı Etkileşimi:Kurtuluş Örneği

ERDEMİR İ., KOÇLAR ORAL G.

3.Ulusal Yapı Fiziği ve Çevre Kontrolü Kongresi, İstanbul, Turkey, 10 - 11 May 2018, vol.1, pp.277-286

V. The Effect of Building Envelope and Form on Cooling Performance in Hot-Dry Climate Zone

ERDEMİR İ., KOÇLAR ORAL G.

ICBEST 2017, International Conference on Building Envelope Systems and Technologies, 15 - 18 May 2017, vol.1

VI. AVLULU YAPILARDA GÜNEŞ IŞINIMI KAZANÇLARININ ISITMA-SOĞUTMA YÜKLERİNE ETKİSİ

ERDEMİR İ., KOÇLAR ORAL G.

2. Ulusal Yapı Fiziği ve Çevre Kontrolü Kongresi, Turkey, 4 - 06 May 2016

VII. Sıcak-kuru iklim bölgesinde yerleşme dokusu-form-enerji etkileşimi

ERDEMİR İ., KOÇLAR ORAL G.

1. Ulusal Yapı Fiziği ve Çevre Kontrolü Kongresi, Turkey, 13 - 14 March 2012

Memberships / Tasks in Scientific Organizations

- I. Yapı Fiziği Derneđi, Principal Member, 2014 - Continues

Scientific Refereeing

- I. SUSTAINABLE CITIES AND SOCIETY, SCI Journal, July 2020

Tasks In Event Organizations

- I. Erdemir Kocagil İ., 3. Ulusal Yapı Fiziđi ve Çevre Kontrolü Kongresi, Scientific Congress, İstanbul, Turkey, Mayıs 2018
- II. Erdemir Kocagil İ., Koçlar Oral G., 3. Ulusal Yapı Fiziđi ve Çevre Kontrolü Kongresi, Scientific Congress, İstanbul, Turkey, Mayıs 2018
- III. Erdemir Kocagil İ., Koçlar Oral G., 2. Ulusal Yapı Fiziđi ve Çevre Kontrolü Kongresi, Scientific Congress, İstanbul, Turkey, Mayıs 2016
- IV. Erdemir Kocagil İ., 2. Ulusal Yapı Fiziđi ve Çevre Kontrolü Kongresi, Scientific Congress, İstanbul, Turkey, Mayıs 2016

Citations

- I. Total Citations (WOS): 1
- II. h-index (WOS): 1

Coaching Duties

Refereeing Duties
