

# Ezgi YILDIRIM

*I am a MSc. Architect and also a PhD student. After completing my undergraduate education, I completed my graduate education in the related subject in order to specialize in sustainability, built environment and building technology.*

*I worked in the brick manufacturer and aluminum facade manufacturer in the construction sector. I have been a part of multinational projects in both companies.*

*After these experiences, I started my PhD life with the desire to continue my academic career. Climate crisis, high energy consumption and emissions from buildings are urging researchers to act fast. In this context, designers' knowledge and use of "Life Cycle Assessment (LCA)" is important in order to produce energy efficient and zero carbon of the built environment. In my study, I have been improved towards the detailed research on the relationship between LCA and construction materials and its use in Turkey. In addition, I have been also experiencing the situation in Turkey as a trainer in the education of regulation on green certificates for architects and engineers in the sector.*

## Research Areas

Sustainable Architecture

Life Cycle Assessment

Environmental Sustainability In Buildings

Building Materials

Energy Efficiency

Facade Systems

Operational And Embodied Energy

Exterior Walls

## Education

**2020-Present**

**Istanbul Technical University**

The Department Of Architecture/Construction Sciences PhD Programme

**2015-2018**

**Istanbul Technical University**

Master Degree in Architecture/ Environmental Control and Construction Technology

*Thesis Title: The Evaluation of Environmental Sustainability In The Context of Operational and Embodied Energy on Exterior Wall, Examples of Hotel Buildings from Istanbul*

**2009-2013**

**Istanbul Kultur University**

Bachelor Degree in Architecture



Istanbul/Turkey



ezgiyldrm91@gmail.com  
yildirimezgi@itu.edu.tr



18/08/1991

## Computer Skills

- AutoCAD  
●●●●●
- Revit  
●●●●●
- Adobe Photoshop  
●●●●●
- 3D Max  
●●●●●
- DesignBuilder  
●●●●●
- MS Office  
●●●●●
- SketchUp  
●●●●●

## Language skills

English

- Reading  
●●●●●
- Writing  
●●●●●
- Speaking  
●●●●●

## Work Experience and Internship

09/2020-10/2020

**ATOLYE.00 I A.00/ Assistant Architect**

Adnan Menderes Museum Project, Aydın /Turkey

03/2019-02/2020

**Aygün Alüminyum A.Ş./Project Officer**

University College London East Campus Project, London/UK

08/2016-01/2018

**Işıklar Pazarlama A.Ş./Project Officer**

08/2012-09/2012

**Garanti Koza İnşaat Sanayi ve Ticaret A.Ş./ Summer Intern-Site Architect**

Building Site: Akkoza Evleri

07/2011-08/2011

**Koçaslan Mühendislik Müteahhitlik İnş.Ltd.Şti/ Summer Intern-Design Architect**

## Teaching Experience

11/2021-Present

**Istanbul Technical University Continuing Education Center/ Trainer and Secretary&Exam Coordinator**

The Module of "Building Materials and Life Cycle" in the Education of "Regulation On Green Certificates for Buildings and Settlements"

2016-2018

**Brick, Roof System, Energy Efficiency Applications on the courses of "Construction Materials", "Energy Efficiency Applications in Buildings" and "Sustainable Energy, Materials and Systems" in different universities, Işıklar Building Products/ Guest Lecturer**

*Istanbul Okan University Department of Civil Engineering*

*Yaşar University Department of Architecture*

*Istanbul Sabahattin Zaim University Department of Architecture*

*Özyeğin University Department of Architecture*

*Bilkent University Department of Interior Architecture and Environmental Design*

## Publications

28-30 Sep 2021

**Liveanarch 7th International Congress, Karadeniz Technical University, Trabzon/Turkey**

*Paper Title: The Evaluation Of Environmental Sustainability In The Context Of Operational And Embodied Energy On Exterior Wall, Examples Of Hotel Buildings From Istanbul*

Nov, 2018

**Master Thesis, Istanbul Technical University, İstanbul/ Turkey**

*Thesis Title: The Evaluation of Environmental Sustainability In The Context of Operational and Embodied Energy on Exterior Wall, Examples of Hotel Buildings from İstanbul*

12-13 Apr 2018

**9.Ulusal Çatı ve Cephe Konferansı, İstanbul Kultur University, İstanbul/Turkey**

*Title: Paper Title: Sustainable Use of Clay Based Building Materials from Past to Future*

Nov 2017

**Yalıtım Dergisi, Volume: 164, Page: 28-30, İstanbul/ Turkey**

*Article Title: Işıklar Ekoklinker ile Uygulanan Duvarlarda Yalıtım*

2-3 Jun 2016

**8.Ulusal Çatı ve Cephe Sempozyumu, Mimar Sinan Fine Arts University, İstanbul/Turkey**

*Paper Title: The Investigation of System and Material Choices on the Exterior Walls of Hotel Buildings in İstanbul*

## Interests

Sketching  
Hiking  
Cycling  
Yoga  
Culture Tours  
Photography  
Cinema  
Exhibition

## Competitions

2020

**Architectural Design Competition/ Assistant Architect**

Torbalı Municipality Service and Bazaar Square, İzmir/Turkey

2020

**Urban Design Competition/ Assistant Architect**

Bakırköy Republic Square, İstanbul/Turkey

2014

**Solar Decathlon Europe 2014 The International Competition Among Universities For Sustainable Houses, Solar Versailles/ Assistant Architectural Student**

Stacked House, İstanbul Kultur University, Paris, France

## Certified Education

12-13 Jan 2018

**Train-to-NZEB Training of Nearly Zero Building/ Participant, Ege University, İzmir**

12-13 Apr 2018

**Occupational Health And Safety Training Participant,, Işıklar Holding Company, İstanbul**

2015 (6 Months)

**University Of The Arts London/ Participant  
Language Centre/ Academic English Course**

