

**RESUME**  
ÇAĞLA KELEŞ  
caglakelesyigit@gmail.com

**EDUCATION**

---

- 2022/today **Drexel University, College of Engineering, Philadelphia, USA**  
Ph.D. in Architectural Engineering
- 2018/2021 **Istanbul Technical University, Graduate School, Istanbul, Turkey**  
MSc. in Environmental Control and Construction Technologies  
GPA: 3.88 / 4.00
- 2013/2017 **Istanbul Technical University, Istanbul, Turkey**  
BSc. Architecture  
GPA. 3.51 / 4.00
- 2010/2013 **Istanbul Technical University, Istanbul, Turkey**  
BSc. Meteorology Engineering\*  
GPA. 3.82 / 4.00  
\*2nd year undergraduate transfer among majors

**HONORS & AWARDS**

---

- June 2019 Excellent Paper Award, International Institutes of Engineers and Researchers (THE IIER)
- 2015/2017 High Honor Scholarship, National Petrol Foundation of Turkey, Istanbul, Turkey
- 2011/2017 Honor List, Istanbul Technical University, Istanbul, Turkey
- 2013/2014 High Honor List, Istanbul Technical University, Istanbul, Turkey

**PROFESSIONAL EXPERIENCE**

---

- July 2022/today **Drexel University, College of Engineering, Philadelphia, USA**  
Research Assistant
- Apr 2019/June 2022 **Istanbul Medipol University, School of Fine Arts Design and Architecture, Department of Architecture, Istanbul, Turkey**  
Teaching & Research Assistant
- Teaching:**  
Interdisciplinary Design Studio II  
Integrated System Design Studio  
Building Construction I, II, III  
Interior Detail Design
- Dec 2017/ Oct 2018 **Norm Architects, Istanbul, Turkey**  
Architect
- Gedik University Campus Project, worked on construction project design including superposition projects, 1/100 scale sections, plans, 1/20 scale detail drawings
  - ASMED Medical Center, worked on interior design project including 1/20 and 1/5 scale detail design and construction drawings
  - Rize Hotel, worked on interior design project including 1/20 and 1/5 scale detail design and construction drawings
- Feb 2017/ May 2017 **Tabanlıoğlu Architects, Istanbul, Turkey**  
Intern Architect

- Istanbul New Airport, worked on construction project including 1/100 scale sections, plans, 1/20 scale detail drawings
- Ataturk Cultural Center, worked on concept design

Jun 2016/Aug 2016

**Tekeli-Sisa Architects, Istanbul, Turkey**

Intern Architect

- Corum Pharmaceutical Plant, worked on construction project including 1/100 scale sections, plans, 1/20 scale detail drawings

Jul 2015/Aug 2015

**Nida Construction (Tahincioglu Holding), Istanbul, Turkey**

Intern Architect

- Levent Nida Tower, worked on construction site

## **INTERNATIONAL PUBLICATIONS**

---

Keles, C. and Yazicioglu, F. (2021), "Analyzing the environmental sustainability of primary schools' facades within the scope of life cycle assessment in Turkey and recommendations for improvement", *Smart and Sustainable Built Environment*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/SASBE-04-2021-0072>

Keles, C. and Yazicioglu, F. (2019). Responsive Facades; Architectural Features of Renovated Traditional Bosphorus Mansions' Wooden Windows with Solar Control Systems, A Case Study. *International Journal of Advances in Mechanical and Civil Engineering (IJAMCE)*, 6(5), 71-79.

Keles, C. (2020). Evaluating the Effect of Building Envelope on Thermal Performance in Cold and Warm Climate Regions of Turkey. *European Journal of Engineering Science and Technology*, 3(1), 93-104. <https://doi.org/10.33422/ejest.v3i1.165>

Keles, C. (2021). Analyzing the sustainability of primary schools' external walls within the scope of life cycle assessment in Turkey and developing new details for improving (*MSc. thesis*), Istanbul Technical University, Istanbul, Turkey.

Advisor: Assoc. Prof. Dr. Fatih Yazıcıoğlu\*

\*Istanbul Technical University, Faculty of Architecture

## **CONFERENCE PRESENTATIONS**

---

16th-17th Jun, 2019

International Conference on Civil and Architectural Engineering (ICCAE), "Responsive Facades; Architectural Features of Renovated Traditional Bosphorus Mansions' Wooden Windows with Solar Control Systems, A Case Study"

Boston, USA

*(Excellent Paper Award)*

Dec 3-5, 2019.

International Conference on Academic Research in Science, Technology and Engineering (ICARSTE), "Evaluating the Effect of Building Envelope on Thermal Performance in Cold and Warm Climate Regions of Turkey"

Vienna, Austria

## **PROJECTS, MEMBERSHIPS & ACTIVITIES**

---

Jan 2021/ today

**BIM4TURKEY Association**

International Relations Coordinator, *Istanbul, Turkey*

- Establishing partnerships with BIM Associations around the world
- Collaborating with international companies in the construction industry

- 
- Coordinating international events and conferences with international partners, academia, and companies
  - Participating in research committee to conduct research studies and make publications with academia and public companies

Mar 2021/today

**European Façade Network (EFN)**  
Member

Aug / Sep 2014

**Piranesi Prix de Rome, Tivoli/ Italy**  
International Architecture and Archeology Workshop, Museum proposal for Villa Adriana Archeology Site

2015/2016

**Education Volunteers Foundation of Turkey, Istanbul, Turkey**  
Volunteer

2013/2017

**ITU Ortabahçe Magazine, Istanbul, Turkey**  
Writer / Designer

---

## SKILLS & COMPETENCES

---

**Software:** Python

**Modelling/Simulation:** Revit, Design Builder (w/ Energy Plus), 3D Studio Max

**Graphic:** Adobe Photoshop, Adobe Indesign, Adobe Illustrator, AutoCAD

**Others:** Laser Cut, 3D Printer

**Languages:**

**Turkish:** Native

**English:** Advanced / TOEFL IBT: 100/120