

## Res. Asst. HATİCE BIYIK

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Architecture - Building Science (PhD), Turkey 2019 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Architecture - Building Science (MArch) (Thesis), Turkey 2016 - 2019

Undergraduate, Karadeniz Technical University, Mimarlık Fakültesi, Mimarlık Bölümü, Turkey 2011 - 2016

### Certificates, Courses and Trainings

Vocational Training, Youthpass, Power of Light, Solidarity Tracks , 2022

Data Analysis, Social ComQuant Summer School 2022: Text mining and Natural Language Processing for Computational Social Sciences, Koç University, Social ComQuant, 2022

Data Analysis, Sosyal Bilimlerde Veri Analizi ve Yazılım , Koç University Vekam, 2021

Environment and Sustainability, 3rd Summer School on Energy Efficiency in Buildings 2020 , Institute of Distance Learning - Beuth University of Applied Sciences Berlin, 2020

Vocational Training, Betonart Mimarlık Yaz Okulu, TÇMB - Betonart, 2014

Vocational Course, Kuru Duvar Sistemleri Sertifikası / Dry Wall Systems Certificate , ODTÜ SEM, 2014

Vocational Training, Kent Düşleri Atölyeleri I: Kamusal Alanlar, TMMOB Mimarlar Odası, 2013

### Dissertations

Postgraduate, Investigation of Tokat traditional houses in the context of climate design: Bey-Beyhamam streets example, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2019

### Research Areas

Architecture, Building Information, Physical Urban Protection

## Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Architecture, Department of Architecture, 2019 - Continues

Research Assistant, Karadeniz Technical University, Mimarlık Fakültesi, Mimarlık Bölümü, 2017 - 2019

Research Assistant, Tokat Gaziosmanpaşa University, Faculty Of Engineering And Natural Sciences, 2017 - 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **BIM Use in Retrofit Optimization for the Climate Change Mitigations and Adaptations Measures**  
Bıyık H., Tanyer A. M.  
7th International Project and Construction Management Conference (IPCMC2022), İstanbul, Turkey, 20 - 22 October 2022, pp.976-984
- II. **Analysis of Climate Change and Carbon Emissions from Buildings in the Built Environment**  
Bıyık H., Tanyer A. M.  
8th International Sustainable, Ecological, Engineering, Design for Society (SEEDS) Conference, Leeds, England, 31 August - 02 September 2022, pp.443-452
- III. **THE INVESTIGATION OF THE PERIODICAL CHANGES IN THE CITY CENTER OF TOKAT BY HISTORICAL MONUMENTAL BUILDINGS**  
Bıyık H., Engin N.  
LIVENARCH 6th International Congress , 2019, Trabzon, Turkey, 25 - 28 September 2019, vol.1, pp.507-518
- IV. **THE INVESTIGATION OF CLIMATE APPROPRIATENESS OF THE BUILDING ENVELOPS WITH TIMBER FRAMED: THE CASE OF BLACK SEA REGION**  
Bıyık H., Engin N.  
International Civil Engineering Architecture Conference, 2019, Trabzon, Turkey, 17 - 20 April 2019, vol.2, pp.360-370
- V. **TOKAT, GELENEKSEL KONUT DOKUSUNUN BİÇİMLENİŞİNDE İKLİMSEL TASARIM İLKELERİ / THE PRINCIPLES OF CLIMATIC DESIGN IN THE SHAPING OF THE TRADITIONAL TOKAT HOUSING TEXTURE**  
Bıyık H., Engin N.  
XI. ULUSLARARASI SİNAN SEMPOZYUMU, Edirne, Turkey, 11 - 12 April 2019, pp.209-218

## Memberships / Tasks in Scientific Organizations

TMMOB Mimarlar Odası, Member, 2016 - Continues, Turkey

## Metrics

Publication: 5

## Scholarships

Erasmus+ Training Course Mobility, European Commission, 2022 - 2022

Erasmus+ Traineeship , European Commission, 2018 - 2018

## Awards

Bıyık H., Tanyer A. M., SEEDS Awards 2022, Sponsor's Prize - Emerald Publishing, Winner, International Conference For

Sustainable Ecological Engineering Design For Society (Seeds) 2022, September 2022

Bostancı Sabur H. B., Aydemir G. N., Yazıcıođlu G., Bıyık H., Energy Efficiency in Buildings 2020, first prize as team, Ars  
2020, October 2020