

Res. Asst. HAFİZE BÜŞRA BOSTANCI

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Faculty of Architecture, Department of Architecture, Turkey 2019 - Continues

Postgraduate, Gazi University, Faculty Of Architecture, Department Of Architecture, Turkey 2015 - 2019

Undergraduate, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), Turkey 2008 - 2013

Certificates, Courses and Trainings

Environment and Sustainability, DTCC - Digital Sustainable Built Environment, Chalmers University of Technology, 2021
Environment and Sustainability, Summer School on Energy Efficiency in Buildings, Beuth Hochschule für Technik Berlin, 2020

Dissertations

Postgraduate, Robotics in Architecture and Hybrids Tectonics of 21st Century, Gazi University, Mimarlık Fakültesi, Mimarlık Bölümü, 2019

Research Areas

Architecture, Building Information, Physical Urban Protection, Project and Construction Management, Engineering and Technology

Academic Titles / Tasks

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

Research Assistant, Hitit University, Fine Arts Faculty Of Design And Architecture, Department Of Architecture, 2017 - 2019

Courses

Structural Design in Architecture II, Undergraduate, 2021 - 2022, 2020 - 2021
Building Materials Technologies, Undergraduate, 2022 - 2023
Professional Practice, Undergraduate, 2021 - 2022
Fundamentals of Site Planning, Undergraduate, 2020 - 2021
Structural Design in Architecture I, Undergraduate, 2021 - 2022, 2020 - 2021
Digital Media in Architecture I, Undergraduate, 2020 - 2021
Digital Media in Architecture II, Undergraduate, 2019 - 2020
Architectural Engineering II: Behavior and Analysis of Structures, Undergraduate, 2019 - 2020

Articles Published in Other Journals

- I. **Pioneers of the Next Generation Sustainability Strategies in the Built Environments: Robotics in Architecture**
Bostancı H. B., Selçuk S. A.
International Journal of New Trends in Science, Engineering and Technology (IJNETSET), vol.2, no.2, pp.16-26, 2019 (Peer-Reviewed Journal)
- II. **An Evaluation on the Effects of Building Information Modeling (BIM) Technologies on Architectural Design**
Bostancı H. B., Selçuk S. A.
International Journal of New Trends in Science, Engineering and Technology (IJNETSET), vol.2, no.1, pp.9-21, 2019 (Peer-Reviewed Journal)
- III. **Mimari Tektoniğin Evrimi: Dijital Tektonikler Üzerine Bir Değerlendirme**
Bostancı H. B., Selçuk S. A.
International Refereed Indexed Journal on Mathematic, Engineering and Natural Sciences (EJONS), vol.2, no.3, pp.75-87, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Investigating the Trinity Between Sustainability and BIM - Lean Synergy: A Systematic Review of Existing Studies**
Bostancı H. B., Tokdemir O. B., Tanyer A. M.
in: Climate Emergency – Managing, Building , and Delivering the Sustainable Development Goals, Christopher Gorse, Lloyd Scott, Colin Booth, Mohammad Dastbaz, Editor, Springer Nature, Zug, pp.441-457, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Bio-Based Construction Materials for Bio-Circular Transition: A Brief Bibliometric Analysis**
Bostancı H. B., Tanyer A. M.
7th International Project and Construction Management Conference, İstanbul, Turkey, 20 - 22 October 2022, pp.1267-1279
- II. **Circular economy within the built environment: Clustering the strategies for new buildings and existing building stock**
Bostancı H. B., Tanyer A. M.
8th International Sustainable, Ecological, Engineering, Design for Society (SEEDS) Conference, Bristol, England, 31 August - 02 September 2022, pp.156-157
- III. **Investigating the Trinity Between Sustainability and BIM - Lean Synergy: A Systematic Review of Existing Studies**
Bostancı H. B., Tokdemir O. B., Tanyer A. M.

6th International Sustainable, Ecological, Engineering, Design for Society (SEEDS) Conference, Leeds, England, 2 - 03 September 2020, pp.45-46

IV. Biyomimetik Tasarım Yaklaşımları İle Sayısal Tasarım/Üretim Yöntemlerinin Entegrasyonu: ICD/ITKE Araştırma Pavyonları

Bostancı H. B., Selçuk S. A.

Uluslararası Mimarlık Tasarım Sempozyumu, İstanbul, Turkey, 01 December 2017, pp.1

V. New Construction Methods and Hybrid Tectonics: Robotics in Architecture

Bostancı H. B., Selçuk S. A.

International Conference on Civil Environmental Engineering (ICOCCE-Cappadocia), Nevşehir, Turkey, 08 May 2017, pp.1

Metrics

Publication: 9

Congress and Symposium Activities

7th International Project and Construction Management Conference - IPCMC 2022 , Attendee, İstanbul, Turkey, 2022

8th International Sustainable, Ecological, Engineering, Design for Society (SEEDS) Conference, Attendee, Leeds, England, 2022

6th International Sustainable, Ecological, Engineering, Design for Society (SEEDS) Conference, Attendee, Leeds, England, 2020

III. International Congress on New Trends in Science, Engineering and Technology, Attendee, Praha, Czech Republic, 2019

GAP ZİRVESİ I.ULUSLARARASI GAP SOSYAL BİLİMLER KONGRESİ, Attendee, Şanlıurfa, Turkey, 2018

1. INTERNATIONAL SYMPOSIUM ON ARCHITECTURE AND DESIGN, Attendee, İstanbul, Turkey, 2017

2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, Attendee, Nevşehir, Turkey, 2017

Awards

Bostancı Sabur H. B., Tanyer A. M., Winner Paper in "Waste Management and Circular Economy" Award, Leeds Sustainability Institute, September 2022

Bostancı Sabur H. B., Course Performance Award, Middle East Technical University, September 2021

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

Bostancı Sabur H. B., Tokdemir O. B., Tanyer A. M., Highly Commended Paper Award, Leeds Sustainability Institute, September 2020