

## **LivenARCH+ Journal**

Volume 2, Issue 2, July 2025

E- ISSN: 3023-6452

<https://dergipark.org.tr/en/pub/livenarch>

### **Scope**

The “LIVable ENvironments and ARCHitecture+ Journal”: LivenARCH+ Journal which is published twice a year in January, July and an additional Special Issue which the Special Issues may be published in the journal once a year with the decision of the Editor In-Chief.

The “LIVable ENvironments and ARCHitecture+ Journal”: LivenARCH+ Journal includes theoretical and applied studies on current issues within the scope of design disciplines and research, discussion and opinion articles prepared on the basis of sciences related to the field of design. In this context, it is expected that the articles to be included in the scope of LivenARCH+ Journal will be original and scientific research studies, whose contribution to the relevant literature has been proven by qualitative, quantitative, experimental and analytical methods.

LivenARCH+ Journal is an academic, independent, international, double-blind peer-reviewed, open access and online electronic journal which its articles should disclose original data that has not been previously published or submitted for publication elsewhere.

The articles deemed to be in accordance with the submission rules and the scope of LivenARCH+ Journal are sent to at least two referees who are experts in their field for scientific evaluation. LivenARCH+ Journal Editorial Board members who discuss the appropriateness take into account the reviewers' comments on each submission. The final decision for all submitted articles belongs to the Editor In-Chief.

LivenARCH+ Journal does not accept late article applications, but puts the late articles in the process to be evaluated in the next issue.

### **Period**

Biannually (January, July)

### **Publish Language**

English

### **Publication Policy**

LivenARCH+ Journal is an academic, independent, international, double-blind peer-reviewed, open access and online electronic journal by the Department of Architecture, Faculty of Architecture, Karadeniz Technical University.

LivenARCH+ Journal is published twice a year, with an additional Special Issue, which the Special Issues may be published in the journal once a year with the decision of the Editor In-Chief.

LivenARCH+ Journal utilizes the TUBITAK ULAKBIM DergiPark interface.

LivenARCH+ Journal grants the copyright of the published articles to the author(s) and licenses the first publishing rights of the articles to LivenARCH+ Journal.

### **Contact**

Address: Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Trabzon, Türkiye

Web site: <https://dergipark.org.tr/en/pub/livenarch>

E-mail: [livenarchjournal@ktu.edu.tr](mailto:livenarchjournal@ktu.edu.tr)

Phone: +90 462 377 2605-1616



# LIVENARCH +

livable environments & architecture

# JOURNAL



KARADENİZ  
TECHNICAL UNIVERSITY  
FACULTY OF ARCHITECTURE  
DEPARTMENT OF ARCHITECTURE

FARCH

## Editor In-Chief

Prof. Dr. Asu BEŞGEN  [abesgen@ktu.edu.tr](mailto:abesgen@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

## Co-Editors

Assist. Prof. Dr. Aslıhan ÖZTÜRK  [aslihanozturk@ktu.edu.tr](mailto:aslihanozturk@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Assist. Prof. Dr. Gürkan TOPALOĞLU  [gtopaloglu@ktu.edu.tr](mailto:gtopaloglu@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Dr. Instructor Kıymet SANCAR ÖZYAVUZ  [ksancar@ktu.edu.tr](mailto:ksancar@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

## Section Editors

Prof. Dr. Catarina CARRETO  [catarinacarreto@ipg.pt](mailto:catarinacarreto@ipg.pt)

Instituto Politécnico da Guarda, Portugal

Prof. Dr. Serap DURMUŞ ÖZTÜRK  [serapdurmus@ktu.edu.tr](mailto:serapdurmus@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Prof. Dr. Iman GAWAD  [iman.gawad@hq.helwan.edu.eg](mailto:iman.gawad@hq.helwan.edu.eg)

Helwan University, Department of Architecture, Faculty of Fine Arts, Egypt

Prof. Dr. Reyhan MİDİLLİ SARI  [rmidilli@ktu.edu.tr](mailto:rmidilli@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Prof. Dr. Lale ÖZGENEL  [olale@metu.edu.tr](mailto:olale@metu.edu.tr)

Middle East Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Prof. Dr. Hıfısiye PULHAN  [hifsiye.pulhan@emu.edu.tr](mailto:hifsiye.pulhan@emu.edu.tr)

Eastern Mediterranean University, Faculty of Architecture, Department of Architecture, North Cyprus

Prof. Dr. İlknur TÜRKSEVEN DOĞRUSOY  [ilknur.turkseven@deu.edu.tr](mailto:ilknur.turkseven@deu.edu.tr)

Dokuz Eylül University, Faculty of Architecture, Department of Architecture, Türkiye

Prof. Dr. Nilhan VURAL  [nvural@ktu.edu.tr](mailto:nvural@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Assoc. Prof. Dr. Levent ARIDAĞ  [leventaridag@gtu.edu.tr](mailto:leventaridag@gtu.edu.tr)

Gebze Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Assoc. Prof. Dr. Özlem AYDIN  [ozlem.aydin@ktu.edu.tr](mailto:ozlem.aydin@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Assoc. Prof. Dr. Alessandro CAMIZ  [alessandro.camiz@unich.it](mailto:alessandro.camiz@unich.it)

Department of Architecture of Università degli Studi "G. d'Annunzio" Chieti – Pescara, Italy

Assoc. Prof. Dr. Pınar KISA OVALI  [pinarkisaovali@trakya.edu.tr](mailto:pinarkisaovali@trakya.edu.tr)

Trakya University, Faculty of Architecture, Department of Architecture, Türkiye

Assoc. Prof. Dr. Sibel MAÇKA KALFA  [sibelmacka@ktu.edu.tr](mailto:sibelmacka@ktu.edu.tr)

Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye



LIVENARCH +  
livable environments & architecture  
J O U R N A L



KARADENİZ  
TECHNICAL UNIVERSITY  
FACULTY OF ARCHITECTURE  
DEPARTMENT OF ARCHITECTURE  
FARCH

Assoc. Prof. Dr. Hatice Gökçen ÖZKAYA  [haticeakgun@sdu.edu.tr](mailto:haticeakgun@sdu.edu.tr)  
Süleyman Demirel University, Faculty of Architecture, Department of Architecture, Türkiye

Assoc. Prof. Dr. Nikolaos PATSAVOS  [npatsavos@uoi.gr](mailto:npatsavos@uoi.gr)  
University of Ioannina, Greece

Assoc. Prof. Dr. Fulay UYSAL BİLGE  [fulay.uyosal@atilim.edu.tr](mailto:fulay.uyosal@atilim.edu.tr)  
Atılım University, Fine Arts Faculty of Design And Architecture, Department of Architecture, Türkiye

Assist. Prof. Dr. Selin OKTAN  [selinoktan@ktu.edu.tr](mailto:selinoktan@ktu.edu.tr)  
Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

Dr. Instructor Ahadollah AZAMI  [aazami@cu.edu.tr](mailto:aazami@cu.edu.tr)  
Çukurova University, Faculty of Architecture, Department of Architecture, Türkiye

Dr. Evangelia PAXINOÜ  [paxnou.e@grenoble.archi.fr](mailto:paxnou.e@grenoble.archi.fr)  
Universite Grenoble Alpes AAU CRESSON, France

#### Production Editor

Assist. Prof. Dr. Gürkan TOPALOĞLU  [gtopaloglu@ktu.edu.tr](mailto:gtopaloglu@ktu.edu.tr)  
Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

#### Copy Editor

Assist. Prof. Dr. Aslıhan ÖZTÜRK  [aslihanozturk@ktu.edu.tr](mailto:aslihanozturk@ktu.edu.tr)  
Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

#### Layout Editor

Dr. Instructor Kıymet SANCAR ÖZYAVUZ  [ksancar@ktu.edu.tr](mailto:ksancar@ktu.edu.tr)  
Karadeniz Technical University, Faculty of Architecture, Department of Architecture, Türkiye

#### Language Editor

Dr. Instructor Nilgün MÜFTÜOĞLU  [nmuftuoglu@ktu.edu.tr](mailto:nmuftuoglu@ktu.edu.tr)  
Karadeniz Technical University, Academy of Foreign Languages, Department of Foreign Language, Türkiye

#### Secretary

Post Graduate Fatma Berfin ABANOZ  [fatmaberfinabanoz@ktu.edu.tr](mailto:fatmaberfinabanoz@ktu.edu.tr)  
Karadeniz Technical University, Directorate of Construction and Technical Works, Türkiye

#### Graphic Designer

Cansu BEŞGEN [besgen@gmail.com](mailto:besgen@gmail.com)  
Ministry of National Education, Türkiye



# LIVENARCH +

livable environments & architecture

# JOURNAL



KARADENİZ  
TECHNICAL UNIVERSITY  
FACULTY OF ARCHITECTURE  
DEPARTMENT OF ARCHITECTURE

FARCH

## Scientific Advisory Board

- Prof. Dr. Kathryn BEDETTE<sup>id</sup>, Kennesaw State University, United States  
Prof. Dr. Sonay ÇEVİK<sup>id</sup>, Karadeniz Technical University, Türkiye  
Prof. Dr. Manfredo MANFREDINI<sup>id</sup>, University of Auckland, New Zealand  
Prof. Dr. Vitor OLIVERIA<sup>id</sup>, University of Porto, Portugal  
Prof. Dr. Ahmet Melih ÖKSÜZ<sup>id</sup>, Karadeniz Technical University, Türkiye  
Prof. Dr. Şengül ÖYMEN GÜR<sup>id</sup>, Beykent University, Türkiye  
Prof. Dr. İlkey ÖZDEMİR<sup>id</sup>, Karadeniz Technical University, Türkiye  
Prof. Dr. Iakovos POTAMIANOS<sup>id</sup>, Aristotle University of Thessaloniki, Greece  
Prof. Dr. Vjekoslava SANKOVIC SIMCIC<sup>id</sup>, Sarajevo University, Bosnia and Herzegovina  
Prof. Dr. Marc Aurel SCHNABEL<sup>id</sup>, Xi'an Jiaotong-Liverpool University, China  
Assoc. Prof. Dr. Beatriz BUENO<sup>id</sup>, University of Sao Paulo, Brazil  
Assoc. Prof. Dr. Styliani LEFAKI<sup>id</sup>, Aristotle University of Thessaloniki, Greece  
Assoc. Prof. Dr. Carlos MACHADO E MOURA<sup>id</sup>, University of Porto, Portugal  
Assoc. Prof. Dr. Heidi SVENNINGSEN KAJITA<sup>id</sup>, University of Copenhagen, Denmark  
Assist. Prof. Dr. Jasim AZHAR<sup>id</sup>, Qatar University, Qatar  
Assist. Prof. Dr. Shuva CHOWDHURY<sup>id</sup>, North Carolina A&T State University, United States

## Editorial Board

- Prof. Dr. Burak ASİLİSKENDER<sup>id</sup>, Abdullah Gül University, Türkiye  
Prof. Dr. Asu BEŞGEN<sup>id</sup>, Karadeniz Technical University, Türkiye  
Prof. Dr. Vahid GOBADIAN<sup>id</sup>, Iran Azad University, Iran  
Prof. Dr. Nilgün KULOĞLU<sup>id</sup>, Karadeniz Technical University, Türkiye  
Prof. Dr. Gökçeçicek SAVAŞIR<sup>id</sup>, Dokuz Eylül University, Türkiye  
Prof. Dr. Osman TUTAL<sup>id</sup>, Eskişehir Technical University, Türkiye  
Assoc. Prof. Dr. Odeta DURMISHI MANAHASA<sup>id</sup>, Epoka University, Albania

## Volume 2. Issue 2.

| Content | Pages <sup>1</sup> |
|---------|--------------------|
|---------|--------------------|

### Research Articles

**Hüseyin Emre ILGIN, Özlem Nur ASLANTAMER**

*Exploring a New Building Typology: Structural Hybrids*

98-120

**Oğuz KIRCI**

*Behavioral Impressions and Mapping in University Public Open Spaces*

121-136

**Ayça AKKAN ÇAVDAR**

*The Effects of Green Wall Applications on Heating Load and Carbon Emissions:  
Karadeniz Technical University*

137-153

**Şeyma BAYRAM**

*Reading the Facade as an Urban Interface through Basic Design Principles:  
Trabzon Historical Kunduracılar Street*

154-170

### Theoretical Article

**Faezeh ASADZADEH BONABI**

*Architectural Experience and the Embodied Subject:  
A Phenomenological Perspective*

171-187

<sup>1</sup> in order to the date of acceptance.