



e-ISSN:2822-4175

DEPARCH JOURNAL OF DESIGN  
PLANNING & AESTHETICS RESEARCH

VOL 3  
ISSUE 1  
SPRING 2024

# DEPARCH



**DEPARCH**  
JOURNAL OF  
D E S I G N  
P L A N N I N G  
A E S T H E T I C S  
R E S E A R C H

**VOL.3 NO.1 - SPRING 2024**

e-ISSN:2822-4175

**DEPARCH Design, Planning and Aesthetics Research** is a free, open access, double-blind peer-reviewed international scientific e-journal and published biannually in Spring and Autumn.

**DEPARCH** explores the aesthetics of design, architecture and planning for all aspects of the built and natural environment. This includes architecture, interior architecture, industrial design, spatial design, virtual reality, design technology, urban planning, sustainable cities, architectural engineering and inter/multi-disciplinary research.

**DEPARCH** covers research, practice and education, seeking to develop theoretical and methodological innovations which explore the multivarious aspects of environmental aesthetics. Submissions can cover theoretical discussions, methodological developments, as well as empirical studies and built environment practice.

**DEPARCH** is of interest to disciplines as varied as architecture, environmental psychology, human history, conservation, heritage and cultural studies.

**DEPARCH** is officially indexed in Directory Open Access Journals (DOAJ), EBSCO, Index Copernicus & Asian Science Citation Index (ASCI).

Published by  SELCUK  
UNIVERSITY  
PRESS

Selcuk University Press, May 2024  
<https://yayinevi.selcuk.edu.tr>



**DEPARCH**  
JOURNAL OF  
DESIGN  
PLANNING  
AESTHETICS  
RESEARCH

**VOL.3 NO.1 - SPRING 2024**

e-ISSN:2822-4175

**Owner**

Prof. Dr. Mefin Aksoy  
Rector of Selcuk University, Turkey

**Editor-in-Chief**

Prof. Dr. Ebru Erdoğan - University of Selcuk, TR

**Contributing Editor**

Assoc. Prof. Dr. Şebnem Ertaş Beşir - University of Akdeniz, TR

**Journal Editorial Office**

Hatice Şule Özer - University of Nottingham, UK

**Language Editors**

Prof. Dr. Ali Soltani - University of South Australia, AU  
Dr. Nurcihan Yürük - University of Selcuk, TR  
Dr. Rana Sağıroğlu - University of Selcuk, TR

**Cover Design**

Hatice Şule Özer  
Taha Avcı-Leffen Design

**Layout Editor**

Dr. H. Abdullah Erdoğan - Konya Technical University, TR

**Typesetting & Web**

Gülşah Üner - University of Selcuk, TR

**Editorial Board**

Prof. Dr. Abeer Elshater, Ain Shams University, EG  
Prof. Dr. Ali Madanipour, Newcastle University, UK  
Prof. Dr. Ashraf Salama, University of Strathclyde, UK  
Prof. Dr. Bob Brzuszek, Mississippi State University, USA  
Prof. Dr. Christine Theodoropoulos, California Polytechnic State University, CA  
Prof. Dr. Dalila El-Kerndany, Cairo University, EG  
Prof. Dr. Ewa Stachura, Cracow University of Technology, PL  
Prof. Dr. Farzad Pour Rahimian, Teesside University, UK  
Prof. Dr. Fuad Mallick, Brac University, BD  
Prof. Dr. Giuseppe Strappa, Sapienza University of Rome, IT  
Prof. Dr. Henry Sanoff, North Carolina State University, USA  
Prof. Dr. Hisham Elkadi, Salford University, UK  
Prof. Dr. Ibrahim Motawa, Ulster University, UK  
Prof. Dr. Jack Nasar, Ohio State University, USA  
Prof. Dr. Jonathan Hale, University of Nottingham, UK  
Prof. Dr. Jorge M. Chica Olmo, Universidad Degranada, SP  
Prof. Dr. Karine Dupre, Griffith University, AU  
Prof. Dr. Krystyna Januszkiewicz, The West Pomeranian University of Technology, PL  
Prof. Dr. Laurajane Smith, Australian National University, AU  
Prof. Dr. Michael Batty, University College London, UK  
Prof. Dr. Phil Hubbard, King's College London, UK  
Prof. Dr. Rabee Reffat, Assiut University, EG  
Prof. Dr. Rahinah Ibrahim, Universiti Putra Malaysia, MY  
Prof. Dr. Sadık C. Artunç, Mississippi State University, USA  
Prof. Dr. Sophia Vyzoviti, University of Thessaly, GR  
Prof. Dr. Soumyen Bandyopadhyay, Liverpool University, UK  
Prof. Dr. Stanislaw Korenik, Wroclaw Economy University, PL  
Prof. Dr. Tuna Taşan, Kok University of Amsterdam, NL  
Assoc. Prof. Dr. Johann Nicholas, Sagan University of Bergen, NO  
Assoc. Prof. Dr. Laura Hanks, University of Nottingham, UK

**Advisory Board**

Prof. Dr. Ahmet Tuğrul Polat, Selcuk University, TR  
Prof. Dr. Derya Oktay, Maltepe University, TR  
Prof. Dr. Birgül Çolakoğlu, İstanbul Technical University, TR  
Prof. Dr. Burak Aslıskender, Abdullah Gül University, TR  
Prof. Dr. Ebru Çubukçu, Dokuz Eylül University, TR  
Prof. Dr. Gülen Çağdaş, İstanbul Technical University, TR  
Prof. Dr. Gülser Çelebi, Çankaya University, TR  
Prof. Dr. Gaye Birol, İzmir Democracy University, TR  
Prof. Dr. Havva Alkan Bala, Çukurova University, TR  
Prof. Dr. Mine Baran, Dicle University, TR  
Prof. Dr. Nevnihal Erdoğan, Kocaeli University, TR  
Prof. Dr. Pelin Yıldız, Hacettepe University, TR  
Assoc. Prof. Dr. Derya Elmalı Şen, Karadeniz Teknik University, TR  
Assoc. Prof. Dr. Esra Yıldız, Necmettin Erbakan University, TR  
Assoc. Prof. Dr. Fahriye Hilal Halicioğlu, Dokuz Eylül University, TR  
Assoc. Prof. Dr. Fatih Yazıcıoğlu, İstanbul Technical University, TR  
Assoc. Prof. Dr. Grazia Tucci, Università Degli Studi Firenze, IT  
Assoc. Prof. Dr. İnanç Işıl, Yıldırım Beykent University, TR  
Assoc. Prof. Dr. M. Reza Saghafi, Art University of Isfahan, IR  
Assoc. Prof. Dr. Mehmet Kerem Özel, Mimar Sinan University, TR  
Assoc. Prof. Dr. Mehmet Topçu, Konya Technical University, TR  
Assoc. Prof. Dr. Orçun Kepez, Kadir Has University, TR  
Assoc. Prof. Dr. Sherif Abdelmohsen, American University, EG  
Assoc. Prof. Dr. Tolga Sayın, Mimar Sinan University, TR  
Assoc. Prof. Dr. Vibhavari Janhi, Kansas State University, USA  
Assoc. Prof. Dr. Yat Ming Loo, University of Nottingham, CN  
Assoc. Prof. Dr. Yavuz Arat, Necmettin Erbakan University, TR  
Asst. Prof. Dr. J.G. Nieuwenhuis, University of Groningen, NL  
Asst. Prof. Dr. Rishav Jain, CEPT University, IN  
Dr. Chris Leininger, Slippery Rock University, USA  
Dr. Georgia Lindsay, University of Tasmania, AU  
Dr. H. Abdullah Erdoğan - Konya Technical University, TR

**CONTACT**

DEPARCH-Journal of Design, Planning & Aesthetics Research Publishing Secretary

Selcuk University, Faculty of Architecture and Design, Department of Architecture,  
Akademi Mah. Yeni İstanbul Cad. Alaeddin Keykubat Campus 42130

e-mail: [deparch@selcuk.edu.tr](mailto:deparch@selcuk.edu.tr) | web: [dergipark.org.tr/en/pub/deparch](http://dergipark.org.tr/en/pub/deparch)



**DEPARCH**  
JOURNAL OF  
DESIGN  
PLANNING  
AESTHETICS  
RESEARCH

**VOL.3 NO.1 - SPRING 2024**

e-ISSN:2822-4175

## **CONTENTS/iÇİNDEKİLER**

### **RESEARCH ARTICLES/ARAŞTIRMA MAKALELERİ**

- Architectural Porosity: Reading the Change of Inhabitation in Urban Heritage Area/  
*Mimari Gözeneklilik: Kentsel Miras Alanındaki Yerleşim Değişiminin Okunması*  
**Diandra Sagınatari, Jonathan Hale, Tim Collett** **01**
- Mimetic Teaching Strategy in Design Education: Relationship Between Students' Learning  
Style And Creativity/*Tasarım Eğitiminde Mimetik Öğretim Stratejisi: Öğrencilerin Öğrenme*  
*Stili ve Yaratıcılıkları Arasındaki İlişki*  
**Dilek Aybek Özdemir, Aysu Akalın** **24**
- Neuro-Urbanism: Measurement of the Street Enclosure and its Influence on Human  
Physiology Through Wearable Sensors/*Nöro-Şehircilik: Sokak Çevresinin İnsan Fizyolojisi*  
*Üzerindeki Etkisinin Giyilebilir Sensörler Aracılığıyla Ölçümü*  
**Ercüment Görgül, Dilek Yıldız Özkan** **58**
- Effective Elements and Interior Typologies in the Public Space Construction of Shopping  
Centres/*Alışveriş Merkezlerinin Kamusal Mekân Kurgusunda Etkili Öğeler ve İç Mekân*  
*Tipolojileri*  
**Fatih Şahin, Sonay Çevik** **73**
- Sustainability of Historical Buildings Through Reuse Projects: A Case Study of the Kadıköy  
District in Istanbul/*Tarihi Yapıların Sürdürülebilirliği Açısından Yeniden İşlevlendirme Projeleri*  
*Üzerine İstanbul Kadıköy Bölgesi Örneği*  
**Selma Kayhan Tunalı, Sinem Güneş** **97**