

## Asst. Prof. SERDAR ERİŞEN

### Personal Information

**Email:** serdarerisen@hacettepe.edu.tr

**Web:** <https://avesis.hacettepe.edu.tr/serdarerisen>

### International Researcher IDs

ScholarID: BIYKzRoAAAAJ

ORCID: 0000-0002-7192-0889

Publons / Web Of Science ResearcherID: B-3030-2017

ScopusID: 57218221719

### Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2014 - 2021

Undergraduate, Anadolu University, İşletme Fakültesi, İşletme Bölümü, Turkey 2009 - 2014

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2011 - 2013

Undergraduate, Middle East Technical University, Faculty Of Architecture, Department Of Architecture, Turkey 2007 - 2011

### Foreign Languages

French, A2 Elementary

### Certificates, Courses and Trainings

Environment and Sustainability, İklim Değişikliğine Uyum Eyleminin Güçlendirilmesi Projesi, Ministry of Environment, Urbanization and Climate Change, Directorate of Climate Change, 2024

Education Management and Planning, Eğitimcilerin Eğitimi Sertifika Programı, 12. Grup , Hacettepe University, 2024

### Research Areas

Social Sciences and Humanities, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Mimarlık Fakültesi, Mimarlık Bölümü, 2024 - Continues

Assistant Professor, Atılım University, Güzel Sanatlar, Tasarım ve Mimarlık, Mimarlık, 2023 - 2024

Lecturer, Atılım University, Güzel Sanatlar, Tasarım ve Mimarlık Fakültesi, Mimarlık, 2022 - 2023

Research Assistant, Middle East Technical University, Faculty Of Architecture, Department Of Architecture, 2014 - 2021

## Academic and Administrative Experience

Deputy Head of Department, Hacettepe University, Mimarlık Fakültesi, Mimarlık Bölümü, 2024 - Continues

## Jury Memberships

Committee Of Expert, Committee Of Expert, Hacettepe University, May, 2024

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Systematic Approach to Optimizing Energy-Efficient Automated Systems with Learning Models for Thermal Comfort Control in Indoor Spaces**  
Erişen S.  
Buildings, vol.13, no.7, 2023 (SCI-Expanded)
- II. **An Empirical Study of the Technoparks in Turkey in Investigating the Challenges and Potential of Designing Intelligent Spaces**  
Erişen S.  
Sustainability (Switzerland), vol.15, no.13, 2023 (SCI-Expanded)
- III. **Real-Time Learning and Monitoring System in Fighting against SARS-CoV-2 in a Private Indoor Environment**  
Erişen S.  
Sensors, vol.22, no.18, 2022 (SCI-Expanded)
- IV. **Incremental transformation of spatial intelligence from smart systems to sensorial infrastructures**  
Erişen S.  
JOURNAL OF PLANNING LITERATURE, vol.37, no.1, pp.201, 2022 (SSCI)
- V. **Incremental transformation of spatial intelligence from smart systems to sensorial infrastructures**  
Erişen S.  
Building Research and Information, vol.49, no.1, pp.113-126, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **SERNet-Former: Semantic Segmentation by Efficient Residual Network with Attention-Boosting Gates and Attention-Fusion Networks**  
Erişen S.  
ArXiv.org, vol.1, no.1, pp.1-10, 2024 (Non Peer-Reviewed Journal)
- II. **IoT-Based Real-Time updating multi-layered learning system applied for a special care context during COVID-19**  
Erişen S.  
Cogent Engineering, vol.9, no.1, 2022 (Scopus)
- III. **The Techno-Cultural Turn of the Tradition of Architectonics**  
Erişen S.  
TRADITIONAL DWELLINGS AND SETTLEMENTS REVIEW, vol.311, no.1, pp.1-18, 2021 (Peer-Reviewed Journal)
- IV. **THE TECHNO-CULTURAL TURN OF THE TRADITION OF ARCHITECTONICS**  
Erişen S.  
TRADITIONAL DWELLINGS AND SETTLEMENTS REVIEW, vol.33, no.1, pp.57, 2021 (Peer-Reviewed Journal)
- V. **The Architecture of Knowledge from the Knowledge of Architecture**  
ERİŞEN S.  
ATHENS JOURNAL OF ARCHITECTURE, vol.6, no.3, pp.293-318, 2020 (Peer-Reviewed Journal)
- VI. **Avangart Etkisi: Kolektif Sanat, Mimarlık ve Tasarım**  
ERİŞEN S.

- Arredamento Mimarlık, no.339, 2020 (Peer-Reviewed Journal)
- VII. **SPACES OF CONFLUENCE**  
ERİŞEN S.  
TRADITIONAL DWELLINGS AND SETTLEMENTS REVIEW, vol.30, no.1, pp.50, 2018 (Peer-Reviewed Journal)
- VIII. **THE SPACE OF CONFLUENCES: VICISSITUDES OF IDEOLOGY AND DESIRE IN THE PUBLIC PLACES**  
Erişen S.  
TRADITIONAL DWELLINGS AND SETTLEMENTS REVIEW, vol.297, no.1, pp.70-93, 2018 (Peer-Reviewed Journal)
- IX. **The Architecture of Knowledge from the Knowledge of Architecture**  
Erişen S.  
Abstract Book. 8th Annual International Conference on Architecture, vol.8, pp.26-27, 2018 (Peer-Reviewed Journal)
- X. **THE SPACES OF SUBLIMATION: MODA, İSTANBUL**  
ERİŞEN S.  
TRADITIONAL DWELLINGS AND SETTLEMENTS REVIEW, vol.28, no.1, pp.36, 2016 (Peer-Reviewed Journal)
- XI. **The Spaces of Sublimation: Moda, İstanbul**  
Erişen S.  
TRADITIONAL DWELLINGS AND SETTLEMENTS REVIEW, vol.277, no.1, pp.27-54, 2016 (Peer-Reviewed Journal)
- XII. **THE SPACES OF SUBLIMATION: MODA, İSTANBUL**  
Erişen S.  
TRADITIONAL DWELLINGS AND SETTLEMENTS REVIEW, vol.28, no.1, pp.36, 2016 (Peer-Reviewed Journal)
- XIII. **THE POWER AND NATURE THE RESISTANT SUBVERSIONS**  
ERİŞEN S.  
International Journal of Architecture and Urban Studies, vol.1, no.1, pp.33-40, 2016 (Peer-Reviewed Journal)
- XIV. **Çağdaş Mimarlığın İdeoloji Ajandası: Mimari Nesnelere, Mimari Şeyler Üzerine**  
Erişen S.  
Arredamento Mimarlık, no.301, pp.84-87, 2016 (Peer-Reviewed Journal)
- XV. **Çağdaş Mimarlığın İdeoloji Ajandası Mimari Özneler Mimari Şeyler Üzerine**  
ERİŞEN S.  
ARREDAMENTO MİMARLIK, vol.2016, no.001, pp.84-87, 2016 (Peer-Reviewed Journal)

## Books

- I. **A Systematic Approach to Optimizing Energy-Efficient Automated Systems with Learning Models for Thermal Comfort Control in Indoor Spaces**  
Erişen S.  
in: Thermal Comfort in Built Environment: Challenges and Research Trends, N. Li; Y. He, Editor, MDPI, Basel, pp.128-156, 2024
- II. **CREATIVE EVOLUTION IN ARCHITECTURE: A CRITICAL INQUIRY INTO NEW RELATIONS OF OBJECTILE-SUBJECTILE AND INTELLIGENT SPACES**  
Erişen S.  
METU, Ankara, 2021
- III. **THE AESTHETIC EVOLUTONS**  
ERİŞEN S.  
in: AESTHETICS AND MASS CULTURE. PROCEEDINGS OF ICA 2016 [Bildiriler Kitabı], ICA, Editor, The Korean Society of Aesthetics, SEUL, pp.341-350, 2018
- IV. **The Design from Nature: Towards the Order of the Power of Global**  
ERİŞEN S.  
in: Proceedings Book of Archdesign '16 / III. International Architectural Design Conference on Design and Nature. [Bildiriler Kitabı], , Editor, DAKAM, İstanbul, pp.581-589, 2016

## Papers Published in Refereed Scientific Meetings

- I. **THE EVALUATION OF THE DESIGN OF INTELLIGENT SPACES IN THE RESEARCH ENVIRONMENTS OF TÜRKİYE**  
Erişen S.  
14th INTERNATIONAL CONGRESS ON ENGINEERING, ARCHITECTURE AND DESIGN, İstanbul, Turkey, 29 December 2024, vol.14, pp.847-854
- II. **SERNet-Former: Segmentation by Efficient-ResNet with Attention-Boosting Gates and Attention-Fusion Networks**  
Erişen S.  
3rd IEEE International Conference on Computer Vision and Machine Intelligence (IEEE CVMI 2024), Allahabad, India, 19 - 20 October 2024, pp.1-6
- III. **SERNet-Former: Semantic Segmentation by Efficient Residual Network with Attention-Boosting Gates and Attention-Fusion Networks**  
Erişen S.  
CVPR 2024, Washington, United States Of America, 17 - 21 June 2024, pp.1-10
- IV. **THE TECHNO-CULTURAL TURN OF THE TRADITION OF ARCHITECTONICS**  
ERİŞEN S.  
VIRTUAL TRADITIONS, Nottingham, England, 31 August - 03 September 2021
- V. **THE SPACES OF CONFLUENCES: VICISSITUDES OF IDEOLOGY AND DESIRE IN PUBLIC PLACES**  
ERİŞEN S.  
IASTE 2018: THE POLITICS OF TRADITION, Coimbra, Portugal, 3 - 08 October 2018, vol.297, pp.70-93
- VI. **ARCHI-LEARN ONLINE**  
ERİŞEN S.  
DIGITAL TRANSFORMATIONS SMART SYSTEMS 2018 International Conference Exhibition on DIGITAL TRANSFORMATION SMART SYSTEMS October 24-26, 2018, ODTÜ, ANKARA, TURKEY CONFERENCE PROCEEDINGS, Ankara, Turkey, 24 - 26 October 2018, pp.141-144
- VII. **THE ARCHITECTURE OF KNOWLEDGE FROM THE KNOWLEDGE OF ARCHITECTURE**  
ERİŞEN S.  
8TH ANNUAL INTERNATIONAL CONFERENCE ON ARCHITECTURE, Atina, Greece, 8 July - 09 October 2018
- VIII. **The Spaces of Sublimation: Moda, İstanbul**  
ERİŞEN S.  
LEGITIMATING TRADITION - IASTE 2016, BERKELEY, CALIFORNIA, United States Of America, 17 - 20 December 2016, vol.277, pp.27-54
- IX. **The aesthetic evolutions**  
ERİŞEN S.  
AESTHETICS AND MASS CULTURE, SEUL, South Korea, 24 - 29 July 2016, pp.341-350
- X. **Reconstructing the aesthetics of experience aesthetics of criticism and difference**  
ERİŞEN S.  
AESTHETICS AND MASS CULTURE, SEUL, South Korea, 24 - 29 July 2016, pp.190
- XI. **The Design from Nature Towards the Order of the Power of Global**  
ERİŞEN S.  
III. INTERNATIONAL ARCHITECTURAL DESIGN CONFERENCE, İstanbul, Turkey, 17 - 18 June 2016, pp.581-590
- XII. **The Power and Nature The Resistant Subversions [Makalesi var. Makaleler bölümünde eklendi.]**  
ERİŞEN S.  
III. INTERNATIONAL ARCHITECTURAL DESIGN CONFERENCE, İstanbul, Turkey, 17 - 18 June 2016, pp.168-174
- XIII. **The Power and Nature: The Resistant Subversions**  
Erişen S.  
ARCHDESIGN'16 - The Third International Architectural Design Conference İstanbul, Turkey, June 2016, İstanbul, Turkey, 4 - 06 May 2016, pp.168-174

## **Supported Projects**

Erişen S., Ministry of Health, COVID-19 Süresince Özel Bakım Bağlamında Gerçek Zamanlı Öğrenme ve İzleme Sistemi, 2022 - 2022

## **Memberships / Tasks in Scientific Organizations**

IEEE, Member, 2021 - Continues, United States Of America

## **Peer Reviews in Scientific Publications**

Thirty-Eighth Conference on Neural Information Processing Systems, NeurIPS 2024, Scientific / Professional Book Published by Renowned Publishing Houses, June 2024  
SUSTAINABLE CITIES AND SOCIETY, Journal Indexed in SCI-E, June 2024  
BUILDING AND ENVIRONMENT, Journal Indexed in SCI-E, March 2024

## **Metrics**

Publication: 39  
Citation (WoS): 20  
Citation (Scopus): 24  
H-Index (WoS): 4  
H-Index (Scopus): 4

## **Congress and Symposium Activities**

3rd IEEE International Conference on Computer Vision and Machine Intelligence (IEEE CVMI), Invited Speaker, Allahabad, India, 2024  
The IEEE/CVF Conference on Computer Vision and Pattern Recognition 2024 (CVPR 2024 Workshops), Panelists, Washington, United States Of America, 2024

## **Invited Talks**

Evolution of Industrial Revolutions and Their Impact on Workers' Housing, Seminar, Middle East Technical University, Turkey, October 2024