IAcSAS 2024

FINAL INTERNATIONAL UNIVERSITY

4TH INTERNATIONAL ARCHITECTURAL SCIENCES & APPLICATIONS SYMPOSIUM

May 30-31, 2024 / Final International University
Kyrenia, Turkish Republic of Northern Cyprus
Online and Face to Face

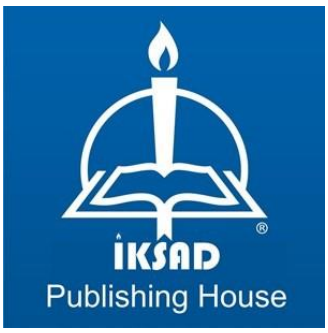
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IV. International Architectural Sciences and Applications Symposium

(IArcSAS-2024)

https://www.iarcsas.org/

May 30-31, 2024, Girne-Turkish Republic of Northern Cyprus

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(Abstracts & Full Texts)

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CONTENTS

Titles	Page Numbers
Symposium ID	1
Organizing Board	3
Science and Advisory Board	6
Symposium Schedule	15
Symposium Photos	73
Abstract List	76
Abstract Contents	100
Full Text List	331
Full Text Contents	345-2177

SYMPOSIUM ID

SYMPOSIUM TITLE

IV. International Architectural Sciences and Applications Symposium
(IArcSAS-2024)

DATE AND PLACE

May 30-31, 2024
Final International University, Girne- Turkish Republic of Northern Cyprus

ORGANIZING

The Editorial Board of the Journal of Architectural Sciences and Applications,
Isparta, Türkiye.
(https://dergipark.org.tr/en/pub/mbud)

Institute of Economic Development and Social Research,
Ankara, Türkiye.
(https://www.iksadinstitute.org/)

Final International University,
Girne- Turkish Republic of Northern Cyprus
https://www.final.edu.tr/

PRESENTATION

Oral and Online Presentations

EVALUATION PROCESS AND POLICIES

All applications have undergone double blind peer review process. In addition, each paper was accepted and the process of publishing in the book was carried out through editorial oversight. The published papers were presented and discussed at the meeting.

Full texts and abstracts published in accordance with the Symposium Policy have been prepared in accordance with ethical rules and APA standards. Authors of all papers are both ethically and legally responsible.

AIM OF THE SYMPOSIUM

This Symposium aims to bring together qualified scientists from Türkiye and abroad on a common international platform under the umbrella of Architectural Sciences and to enable different disciplines to share their valuable research.

TOPICS OF THE SYMPOSIUM

- Planning (Planning theories, planning paradigms, types of planning, regional planning, watershed planning, landscape planning, urban planning, rural planning, planning and protection, spatial and temporal changes, site selection methods, etc.)
- Design (Design theories, Space, Building, Urban, Landscape, Rural, Village, Tourism, Recreational, Environment, Interior Architecture, Plantation, Industrial Products, Ecological, Universal, Disabled, etc.)
- Sociology / Psychology / Art / Philosophy / History / Identity / Theory / Aesthetics
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- Tourism / Recreation / Cultural Tourism / Nature Tourism / Ecotourism / Archaeology
- Climate Change / Renewable Energy / Energy saving / Energy Transition / Water / Sustainability / Ecology/ Environment / Sustainable Development
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- Building Materials / Green Buildings / Urban Accessories and Furniture / Landscape materials/ Landscape Plant Materials and Using/ Plant Cultivation and Use
- Technology / Artificial Intelligence / Digital Architecture and 3D Software and Printer, GIS, Remote sensing
- Health / Pandemic / Food / Occupational Health and Safety
- Higher Education in Architectural Sciences / R&D / Scientific Researches / Publications
- Economic / Policies / Legislation / Management / Governance / Practices / Sectoral Problems
- Planning and Design Project Competitions and Processes /Applied Project

PARTICIPANTS COUNTRIES

Algeria, Azerbaijan, Germany, Hungary, India, Indonesia, Italy, Kazakhstan, Malaysia, Morocco, Nigeria, Portugal, Pakistan, Poland, Portugal, Romania, South Africa, Spain, Türkiye, Turkish Republic of Northern Cyprus, Vietnam

TOTAL ACCEPTED ARTICLES: 390

Number of Rejected Papers: 30
The Number of Accepted Papers from Türkiye: 182
The Number of Accepted Full Papers from Other Countries: 208

INDEX IN

Index of Academic Documents (IAD), Open AIRE, Google Scholor, ResearchGate, Britishindex Scientific Database

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- Naif Haddad - Department of Conservation Science, Queen Rania Faculty of Tourism and Heritage, Hashemite University, Jordan
- Nermeen Adnan Dalgamoni - Jordan University of Science and Technology, Department of City Planning and Design, Irbid, Jordan

- Neslihan Dalkılıç - Dicle University, Institute of Science and Technology, Department of Architecture, Diyarbakır-Türkiye
- Neslihan Yıldız - Istanbul Gedik University Faculty of Fine Arts and Architecture Department of Architecture, Istanbul-Türkiye
- Neşe Yılmaz Bakır - Erciyes University, Faculty of Architecture, Department of City and Regional Planning, Kayseri -Türkiye
- Nihal Arda Akyıldız - Balıkesir University, Faculty of Architecture, Department of Architecture, Balıkesir-Türkiye
- Nilay Coşgun - Gebze Technical University, Faculty of Architecture, Department of Architecture, Gebze-Türkiye
- Nilgün Görer Tamer - Gazi University, Department of City and Regional Planning, Ankara- Türkiye
- Nilüfer Kart Aktaş - Istanbul University-Cerrahpasa, Faculty of Forest, Department of Landscape Architecture, Istanbul -Türkiye
- Nur Belkayalı - Kastamonu University, Faculty of Engineering and Architecture, Department of Landscape Architecture, Kastamonu-Türkiye
- Nur Çağlar - TOBB ETU Faculty of Architecture and Design, Architecture, Ankara- Türkiye
- Nuray Benli Yıldız - Düzce University, Faculty of Art and Design, Department of Architecture, Düzce-Türkiye
- Nurdil Eskin - Istanbul Technical University, Department of Mechanical Engineering, Istanbul, Türkiye
- Nusret Algan - Mersin University Faculty of Fine Arts Ceramics Department, Mersin-Türkiye
- Oleksandr Zinenko - V. Karazin Kharkiv National University, Kharkiv, 61022, Ukraine
- Osman Arayıcı - Mimar Sinan Fine Arts University, Department of Interior Architecture, Istanbul-Türkiye
- Osman Attmann - The University of Colorado Denver, College of Architecture and Planning, Department of Architecture, Denver-USA
- Ömer Atabeyoğlu - Ordu University, Faculty of Agriculture, Department of Landscape Architecture, Ordu-Türkiye
- Ömer Faruk Uzun - Sakarya App. Sciences Univ. Faculty of Agriculture, Department of Landscape Architecture, Sakarya-Türkiye
- Ömer Lütfü Çorbacı - Recep Tayyip Erdoğan University, Faculty of Engineering and Architecture, Department of Landscape Architecture, Rize-Türkiye
- Ömer Mimaroğlu - Istanbul Sabahattin Zaim University Faculty of Engineering and Natural Sciences Department of Architecture, Türkiye
- Önder Küçükerman - Haliç University, Faculty of Architecture, Department of Industrial Design, İstanbul-Türkiye
- Özgü Özturan - Akdeniz University, Department of Interior Architecture, Antalya-Türkiye
- Özgür Yıldız - Malatya Turgut Özal University Faculty of Art, Design, and Architecture Department of Architecture, Malatya-Türkiye
- Özlem Bozkurt - Tekirdağ Namık Kemal University, Vocational School of Technical Sciences, Department of Materials and Materials Processing Technologies, Tekirdag-Türkiye

- Özlem Sağıroğlu - Gazi University, Faculty of Architecture, Department of Architecture, Ankara-Türkiye
- Pelin Şahin Körmeçli - Çankırı Karatekin University, Faculty of Forestry, Department of Landscape Architecture, Çankırı-Türkiye
- Pınar Kılıç Özkan - İzmir Demokrasi University, Faculty of Architecture, Department of Architecture İzmir - Türkiye
- Pervin Yeşil - Ordu University, Faculty of Agriculture, Department of Landscape Architecture, Ordu-Türkiye
- Piyush Sharma - Amity University, Hindistan/ Prof. Dr., Amity University, Hindistan
- Rosa Anna La Rocca - The University of Naples Federico II, Department of Civil, Architectural and Environmental Engineering, Napoli, Italy
- Rüya Ardıçoğlu - Firat University, Faculty of Architecture, Department of Architecture, Elazig-Türkiye
- S. Gül Güneş - Selçuk University, Faculty of Tourism, Department of Recreation Management, Konya-Türkiye
- Sadia Farooq - University of Home Economics, Lahore, Pakistan
- Salih Salbacak - Fatih Sultan Mehmet Vakif University, Department of Interior Architecture, Türkiye
- Saliha Taşçıoğlu - Kilis 7 Aralik University Technical Sciences Vocational School Department of Park and Horticulture - Türkiye
- Sara Demir - Bursa Technical University, Faculty of Forestry, Department of Landscape Architecture, Bursa -Türkiye
- Seden Acun Özgünler - Istanbul Technical University, Faculty of Architecture, Department of Architecture, Building Science Program, İstanbul-Türkiye
- Seema Mehra Parihar - Department of Geography, Kirori Mal College, University of Delhi, India
- Serap Kayasu - Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning
- Serdar Selim - Akdeniz University Faculty of Science, Department of Space Science and Technologies, Department Of Distance Education, Antalya-Türkiye
- Serdar Oktay - Final International University, School of Tourism and Culinary Arts, Department of Tourism, TRNC
- Serpil Önder - Selçuk University, Faculty of Architecture and Design, Department of Landscape Architecture, Konya-Türkiye
- Sertaç Güngör - Selcuk University, Faculty of Architecture and Design, Department of Landscape Architecture, Konya-Türkiye
- Sevgi Yılmaz - Atatürk University, Faculty of Architecture and Design, Department of Landscape Architecture, Erzurum-Türkiye
- Shirin Izadpanah - Antalya Bilim University, Department of Interior Architecture and Environmental Design, Antalya -Türkiye
- Sibel Acar - TOBB ETU Faculty of Architecture and Design, Architecture, Ankara-Türkiye
- Silvia Rossetti - The University of Parma, Department of Engineering and Architecture, Parma Italy

- Sima Pouya - İnönü University, Faculty of Fine Arts and Design, Department of Landscape Architecture, Malatya-Türkiye
- Swetha Madhusudanan - MGR University, School of Architecture, Chennai, India
- Şevket Alp - Van Yüzüncü Yıl University, Faculty of Architecture and Design, Department of Landscape Architecture, Van-Türkiye
- Şeyda Emekci - Ankara Yıldırım Beyazıt University, Faculty of Architecture and Fine Arts, Architecture Department, Ankara- Türkiye
- Şirin Dönmez - Süleyman Demirel University, Faculty of Architecture, Department of Landscape Architecture, Isparta-Türkiye
- Şule Kısakürek - Kahramanmaraş Sütçü İmam University, Faculty of Forestry, Department of Landscape Architecture, Kahramanmaraş-Türkiye
- Şükran Şahin - Ankara University, Faculty of Agriculture, Department of Landscape Architecture, Ankara-Türkiye
- Taner Özdil - The University of Texas, College of Architecture, Planning and Landscape Architecture, Arlington-USA
- Tonguç Akış - İzmir Institute of Technology, Faculty of Architecture, Department of Architecture, İzmir - Türkiye
- Tonguç Tokol - Marmara University, Department of Interior Architecture, Istanbul-Türkiye
- Tuğba Düzenli - Karadeniz Technical University, Faculty of Forestry, Department of Landscape Architecture, Trabzon-Türkiye
- Ufuk Çoşgun - Karabük University, Faculty of Forestry, Department of Forestry, Karabük- Türkiye
- Umut Tuğlu Karslı - Istanbul University, Faculty of Architecture, Department of Interior Architecture and Environmental Design, Istanbul -Türkiye
- Ümit Yurt - üzce University, Düzce Vocational School Construction Technology Department, Düzce-Türkiye
- Vibhavari Janhi - Kansas State University, College of Architecture, Planning, and Design, Department of Interior Architecture & Product Design, USA
- Vagif Memmedov - Baku Engineering University, Baku- Azerbaijan
- Yasin Xəlilov - Baku Engineering University, Baku- Azerbaijan
- Zeidan Kafafi- Emeritus of Archaeology of Yarmouk University, Jordan
- Zeliha Şahin Çağlı - Ostim Technical University, Faculty of Architecture and Design, Department of Industrial Design, Ankara-Türkiye
- Zeynep Pirselimoğlu Batman - Uludağ University, Faculty of Forestry, Department of Landscape Architecture, Bursa -Türkiye
- Zuhal Kaynakçı Elinç - Akdeniz University, Faculty of Architecture, Department of Interior Architecture, Antalya Türkiye

IV. International Architectural Sciences and Applications Symposium

(IArcSAS-2024)

https://www.iarcsas.org/

May 30-31, 2024

Girne- Turkish Republic of Northern Cyprus

SYMPOSIUM SCHEDULE

Join Zoom Meeting

https://us02web.zoom.us/j/86052666988?pwd=QVh6aWM5MVEzQm8zaEdIVmVab0Q4Zz09

Meeting ID: 860 5266 6988
Passcode: 123456

PARTICIPATING COUNTRIES

Algeria, Azerbaijan, Germany, Hungary, India, Indonesia, Italy, Kazakhstan, Malaysia, Morocco, Nigeria, Portugal, Pakistan, Poland, Portugal, Romania, South Africa, Spain, Türkiye, Turkish Republic of Northern Cyprus, Vietnam

TOTAL ACCEPTED ARTICLES: 390

Türkiye: 182
Other Countries: 208

IMPORTANT

- To be able to make a meeting online, log in via **https://zoom.us/join** site, enter ID instead of "Meeting ID or Personal link Name'' and solidify the session.
- **Each presentation is limited to a maximum of 15 minutes.**
- **Session times should never be exceeded. It must be completed on time before the next session starts.**
- **Presentations can be presented in "English or Turkish". However, visual presentations must be "English text".**
- The Zoom application is free and no need to create an account.
- The Zoom application can be used without registration.
- The application works on tablets, phones, and PCs.
- Speakers must be connected to the session **15 minutes before** the presentation time.
- All Symposium participants can connect live and listen to all sessions.
- During the session, your camera should be turned on at least %70 of the session period
- Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

TECHNICAL INFORMATION

- Make sure your computer has a microphone and is working.
- You should be able to use the screen sharing feature in Zoom.
- Attendance certificates will be sent to you as a pdf at the end of the Symposium.

Before you, log in to Zoom indicate Session and Hall number and your surname
(SESSION 1-HALL-1, BARAN)

ÖNEMLİ

- Sempozyumda Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildiriler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
- Online sunum yapabilmek için **https://zoom.us/join** sitesi üzerinden giriş yaparak "Meeting ID or Personal Link Name" yerine ID numarasını girerek oturuma katılabilirsiniz.
- **Her bir sunum en fazla 15 dakika ile sınırlandırılmıştır.**
- **Oturum süreleri kesinlikle aşılmamalıdır. Bir sonraki oturum başlamadan önce zamanında tamamlanmalıdır.**
- **Sunumlar "İngilizce veya Türkçe" sunulabilir. Ancak görsel sunumlar mutlaka "İngilizce metin" olmalıdır.**
- Zoom uygulaması ücretsizdir ve hesap oluşturmaya gerek yoktur.
- Zoom uygulaması kaydolmadan kullanılabilir.
- Uygulama tablet, telefon ve PC'lerde çalışmaktadır.
- Sunum yapacakların sunum saatinden **15 dk önce** oturuma bağlanmış olmaları gerekmektedir.
- Tüm katılımcılar oturumlara online katılıp dinleyebilir.
- Oturumdaki sunumlardan ve bilimsel tartışmalardan (soru-cevap) oturum başkanları sorumludur.

TEKNIK BILGILER

- Bilgisayarınızda çalışır durumda mikrofon bulunmalıdır.
- Zoom'da ekran paylaşma özelliği kullanılabilmelidir.
- Katılım belgeleri Sempozyum sonunda tarafınıza pdf olarak gönderilecektir.
- Sempozyum programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır.

Zoom'a girişte sırayla Oturum ve Salon numarasını ve Soyadınızı yazınız
(OTURUM 1-SALON-1, BARAN)

SYMPOSIUM SCHEDULE

May 30, 2024 (Thursday)

Join Zoom Meeting

https://us02web.zoom.us/j/86052666988?pwd=QVh6aWM5MVEzQm8zaEdIVmVab0Q4Zz09

Meeting ID: 860 5266 6988

Passcode: 123456

Cyprus Time 10:00-11:00	Opening Speeches

Cyprus Time 11:30-12:45	PANEL 1 (Face to Face and Online) (Hall: St. Hllarion)		
Moderator	Nafiya GÜDEN		
Invited Speakers	Birgül GÜVENIR BEYATLI	Hasan KARLITAŞ	Feriha TEL
13:00-14:00 IAUNCH			

	Face to Face SESSIONS May 30, 2024 (Thursday)		
Cyprus Time 14:00-16:15	SESSION 1 (Hall: St. Hilarion)	SESSION 2 (Hall: Kantara)	SESSION 3 Hall : Buffavento
Moderators	Seden TURAMBERK ÖZERDEN	Murat AKTEN	Ahmet FİDAN
Cyprus Time 16:30-18:45	SESSION 4 (Hall: St. Hilarion)	SESSION 5 (Hall: Kantara)	
Moderators	Soad Abokhamis MOUSAVİ	Tendü Hilal GÖKTUĞ	

May 30, 2024 (Thursday) (Online)

Join Zoom Meeting

https://us02web.zoom.us/j/86052666988?pwd=QVh6aWM5MVEzQm8zaEdIVmVab0Q4Zz09

Meeting ID: 860 5266 6988

Passcode: 123456

Cyprus Time 14:00-16:15	SESSION 6 (Online) HALL-1	SESSION 7 (Online) HALL-2	SESSION 8 (Online) HALL-3	SESSION 9 (Online) HALL-4	SESSION-10 (Online) HALL-5	SESSION 11 (Online) HALL-6	SESSION 12 (Online) HALL-7
Moderators	Filiz KARAKUŞ	Arzu ISPALAR ÇAHANTIMUR	Sevgi YILMAZ	Zeynep ÜSTÜN ONUR	Rasiha KAYALAR	Kamal Kumar ARORA	Slobodan POPOVIĆ

Cyprus Time 16:30-18:00	SESSION 13 (Online) HALL-1	SESSION 14 (Online) HALL-2	SESSION 15 (Online) HALL-3	SESSION 16 (Online) HALL-4	SESSION-17 (Online) HALL-5	SESSION 18 (Online) HALL-6	SESSION 19 (Online) HALL-7
Moderators	Ahmet Cüney DİRİ	Öner DEMİREL	Hasan YILMAZ	Kasra TALEBIAN	Deniz HASIRCI	Pelin FIRAT ÖRS	Abdelmoutalib BENFRID

Cyprus Time 18:15-20:00	PANEL 2 (Online) HALL-1				
Moderator	Aminreza IRANMANESH				
Invited Speakers	Ruşen KELEŞ	Şükran ŞAHİN	Mehmet TUNCER	Kağan GÜNÇE	

May 31, 2024 (Friday) (Online)

Join Zoom Meeting

https://us02web.zoom.us/j/86052666988?pwd=QVh6aWM5MVEzQm8zaEdIVmVab0Q4Zz09

Meeting ID: 860 5266 6988

Passcode: 123456

May 31, 2024							
	Cyprus Time 8:30-10:45	SESSION 20 (Online)	SESSION 21 (Online)	SESSION 22 (Online)	SESSION 23 (Online)	SESSION-24 (Online)	SESSION 25 (Online)
		HALL-1	HALL-2	HALL-3	HALL-4	HALL-5	HALL-6
	Moderators	Floriana ZUCARO	Şükran ŞAHİN	Pooya LOTFABADİ	Ufuk ÇOŞGUN	Halime GÖZLÜKAYA	Wasiu Abiodun MAKINDE
	Cyprus Time 11:00-13:15	SESSION 26 (Online)	SESSION 27 (Online)	SESSION 28 (Online)	SESSION 29 (Online)	SESSION-30 (Online)	SESSION 31 (Online)
		HALL-1	HALL-2	HALL-3	HALL-4	HALL-5	HALL-6
	Moderators	Sultan Sevinç KURT KONAKOĞLU	Ümit ARPACIOĞLU	H. Berk TÜRKER	Ahmet Erkan METİN	Fedwa BEGHDADI	Irfan MUSTAFA
	Cyprus Time 13:30-15:45	SESSION 32 (Online)	SESSION 33 (Online)	SESSION 34 (Online)	SESSION 35 (Online)	SESSION-36 (Online)	SESSION 37 (Online)
		HALL-1	HALL-2	HALL-3	HALL-4	HALL-5	HALL-6
	Moderators	Niyazi Uğur KOÇKAL	Şirin Gülcen EREN	Gizem DİNÇ	Hatice Eda GÜL	Kamiar YAZDANI	Alexandrov V.S.
	Cyprus Time 16:00-18:15	SESSION 38 (Online)	SESSION 39 (Online)	SESSION 40 (Online)	SESSION 41 (Online)	SESSION-42 (Online)	SESSION 43 (Online)
		HALL-1	HALL-2	HALL-3	HALL-4	HALL-5	HALL-6
	Moderators	Berna ÜSTÜN	Murat ZENGİN	Meryem Bihter BİNGÜL BULUT	Mete Ünal GİRGEN	Tuba Gizem AYDOĞAN	Dhulasiraman M
	Cyprus Time 19:00-21:45	SESSION 44 (Online)	SESSION 45 (Online)	SESSION 46 (Online)	SESSION 47 (Online)	SESSION-48 (Online)	SESSION 49 (Online)
		HALL-1	HALL-2	HALL-3	HALL-4	HALL-5	HALL-6
	Moderators	Asena SOYLUK	Leyla SURİ	Ertan DÜZGÜNEŞ	Mert ÇAKIR	Çağla AYDEMİR	İlayda TÜRKER

OPENING SPEECHES

Date: May 30, 2024

CYPRUS Time: 10:00 -11:15

Announcer:

Face to Face and Online

Join Zoom Meeting

https://us02web.zoom.us/j/86052666988?pwd=QVh6aWM5MVEzQm8zaEdIVmVab0Q4Zz09

Meeting ID: 860 5266 6988

Passcode: 123456

SPEAKERS	AFFILIATION
Prof. Dr. Atila GÜL	President of the Organizing Board (IArcSAS-2024) and Chief Editor, *Journal of Architectural Sciences and Applications*, Türkiye
Dr. Mustafa Latif EMEK	President of the Economic Development and Social Research Association (IKSAD), Türkiye
Prof. Dr. Orhan GEMİKONAKLI	Vice Rector of Final International University,
Özgün OLGUNER	TRNC Tourism Planning and Department Representative
Ahmet REŞBER	Çatalköy-Esentepe Municipality Director of Architecture Department

Invited Speakers for IArcSAS- 2024

PANEL-1

'Architectural Structures and Sustainable Tourism

May 30, 2024 (THURSDAY) - Cyprus Time: 11:30-12:45

Face to Face St. Hillarion-Salon II

Join Zoom Meeting

https://us02web.zoom.us/j/86052666988?pwd=QVh6aWM5MVEzQm8zaEdIVmVab0Q4Zz09

Meeting ID: 860 5266 6988- Passcode: 123456



MODERATOR
Nafiya GÜDEN







Birgül GÜVENİR BEYATLI	**Hasan KARLITAŞ**	**Feriha TEL**
Architect, Boutique Hotel businesswoman and Founder of Cyprus Small Hotels Association, North Cyprus	***Tourist Guide and Author, North Cyprus***	***President of the Cyprus Green Peace Movement, North Cyprus***
"The Contribution of Small Accommodations to Sustainable Tourism" *(Küçük Konaklamaların Sürdürülebilir Turizimine Katkısı)'*	**"Tour Guide Perspective on Architecture"** *(Tur Rehberinin Mimariye Bakış Açısı)*	**"Tourism and the Role of Infrastructure Development on the Environment"** *(Turizm ve Altyapı Gelişiminin Çevre Üzerindeki Rolü)*

Invited Speakers for IArcSAS- 2024

PANEL-2

Sustainable Urbanization and Architectural Heritage

May 30, 2024 (THURSDAY) - Cyprus Time: 18:15-20:00

Join Zoom Meeting

https://us02web.zoom.us/j/86052666988?pwd=QVh6aWM5MVEzQm8zaEdlVmVab0Q4Zz09

Meeting ID: 860 5266 6988-- Passcode: 123456



MODERATOR:

Assoc. Prof. Dr. Aminreza IRANMANESH









Prof. Dr. Ruşen KELEŞ	**Prof. Dr. Şükran ŞAHİN**	**Prof. Dr. Mehmet TUNCER**	**Prof. Dr. Kağan GÜNÇE**
Kapodokya University, Faculty of Architecture, Design and Fine Arts. City and Regional Planning, Ürgüp /Nevşehir, Türkiye.	*Ankara University Faculty of Agriculture, Department of Landscape Architecture, Department of Landscape Architecture, Ankara, Türkiye.*	*Çankaya University, Faculty of Architecture, Dep. of City and Regional Planning, Ankara, Türkiye.*	*Eastern Mediterranean University, The Department of Interior Architecture, Famagusta, North Cyprus.*
"Sustainability and Urbanization" *(Sürdürülebilirlik ve Kentleşme)*	**"Beyond Buildings: Exploring the Interplay of Ecological Dynamics and Urban Spaces"** *(Binaların Ötesinde Ekolojik Dinamikler ile Kentsel Alanların Etkileşimi)*	**"Türkiye Experience Within The Scope of Interdisciplinary New Town Project: Gaziantep Bizimşehir Project"** *(Disiplinlerarası Yeni Şehir Projesi Kapsamında Türkiye Deneyimi:Gaziantep Bizimşehir Projesi)*	**"Reviewing the Layers of Palimpsest City Nicosia through Architectural Heritage"** *(Palimpsest Kent Lefkoşa Katmanlarının Mimari Miras Üzerinden Okunması)*

THURSDAY – May 30, 2024 Cyprus Time 14:00-16:15 (Face to Face) SESSION-1, HALL-St. Hilarion / OTURUM-1, SALON- St. Hilarion MODERATOR: Seden TURAMBERK ÖZERDEN		
TITLE	AUTHORS	AFFILIATION
Smart Hotel Design of the Future: Case of Northern Cyprus	• Soad Abokhamis MOUSAVI • Nafiya GUDEN	Final International University
Architectural Adaptations of Emerging Nomadic Lifestyles in The New Digital Age	• Mulham HRİTANİ • Kasra TALEBIAN • Aminreza IRANMANESH	Final International University
Cultural Heritage Database: Presentation, Interpretation, and Expectations of Digitized Cultural Heritage in Virtual Museums	• Betül GELENGÜL EKİMCİ	İTÜ- TRNC Education and Research Campuses
Advancing Sustainable Tourism Practices in Northern Cyprus: Opportunities and Challenges	• Farzad SAFAEIMANESH • Nafiya GUDEN	Final International University
An Interactive Digital Platform for Preserving Sociocultural Heritage in Yeşilköy Through Local Participation and Crowdsourcing	• Elif Ece ILGAZ • Ahmet GÜN	Istanbul Kültür University
An Investigating the Role of Biomimetic Architecture Developments	• Elnaz FARJAMI • Shabnam GOLKARIAN • Nafiseh ZAMANZADEH	Near East University
Sustainable Pavements at the Neighborhood Scale	• Fatma AŞILIOĞLU • Rukiye Duygu ÇAY	Trakya University
The Role of Urban Green Spaces on Human Health	• Rukiye Duygu ÇAY • Fatma AŞILIOĞLU	Trakya University

THURSDAY – May 30, 2024
Cyprus Time 14:00-16:15
(Face to Face)
SESSION-2, HALL- Kantara / OTURUM-2, SALON- Kantara
MODERATOR: Murat AKTEN

TITLE	AUTHORS	AFFILIATION
The Relationship Between Landscape Architecture and Anthropometry the Case of Isparta Cumhuriyet Street	• Murat AKTEN • Deniz KARAKUYU	Süleyman Demirel University
Moss Wall Panel System in Vertical Plant Applications	• Sibel AKTEN • Şuayip KÖRÜK	Isparta University of Applied Sciences
Aesthetic and functional evaluation of planting design in Bursa Technical University Mimar Sinan Campus	• Onur AKSOY • Kamil ERKEN	Bursa Technical University
Resilient and Sustainable Cities: A Conceptual Framework	• Beyza Mürüvet YİĞİT • Murat AKTEN	Süleyman Demirel University
Evaluating School Spaces as Opportunities for Carbon Footprint Reduction	• Sibel AKTEN • Atila GÜL	Isparta University of Applied Sciences
Determining the Criteria for the Conversion of Existing Education Buildings According to Green Building Standards	• Hatice Eda GÜL • Seniye Ela GÜL • Sibel AKTEN • Atila GÜL	Süleyman Demirel University

THURSDAY – May 30, 2024
Cyprus Time 14:00-16:15
(Face to Face)
SESSION-3, HALL- Buffavento / OTURUM-3, SALON- Buffavento
MODERATOR: Ahmet FIDAN

TITLE	AUTHORS	AFFILIATION
An Innovative Approach in the Relationship between Material and Form: in Glass Fiber Reinforced Concrete (GFRC) Applications	• Esra BAYIR • Pelin KARAÇAR • Aysun Ferrah GÜNER • Zülal Nurdan KORUR	İstanbul Medipol University
Evaluation of BIM Applications in Türkiye	• Elif Hazal ŞENER • Aysun Ferrah GÜNER	Istanbul Medipol University
Floating Cities in Terms of Space Management: Structural, Legal, Administrative and Functional Approach	• Ahmet FIDAN • Pelin KARAÇAR	Ordu University
Evaluation of BIM Education in Architecture Undergraduate Programs Ranked in the Top 10 Based on the Cohe Score System in Türkiye	• Nafia Büşra ERSAVAŞ • Pelin KARAÇAR	İstanbul Medipol University
The Significance of Building Information Modeling (BIM) in Construction Management: A Perspective of Undergraduate Civil Engineering Students	• Gizem ŞIMŞIR • Ahmet TUZ	Istanbul Medipol University
Interaction of Urban Space and Everyday Life	• Seda Kaplan ÇINÇIN	Kocaeli University
Architectural Representation and Presentation of Modern Housing Architecture, 1950's	• Seda Kaplan ÇINÇIN	Kocaeli University
Teaching Sustainable Architectural Design with BIM	• Salih OFLUOĞLU	Antalya Bilim University

THURSDAY – May 30, 2024
Cyprus Time 16:30-18:45
(Face to Face)

SESSION 4, HALL- St. Hilarion / OTURUM-4, SALON- St. Hilarion
MODERATOR: Soad Abokhamis MOUSAVİ

TITLE	AUTHORS	AFFILIATION
Legislation on Energy Efficiency Practices in Buildings Proposal for TRNC	• Kerem AKKAYA	Çanakkale Onsekiz Mart University
Documentation of Earthquake Damages Over the Years and Restoration Recommendations for the Historic Malatya Teze Mosque	• Lale KARATAŞ	Bursa Technical University
Changing Concepts of Temporality and Permanence In 21st-Century Paradigms	• Orhun İNCE • Gülhis DUYGUN	Kocaeli University
A Study on Hygrothermal Performance of Traditional Veneered Timber Framed Exterior Wall in Türkiye	• Seda Nur ALKAN • Fatih YAZICIOĞLU	İstanbul Medipol University
Achieving Sustainable Development Goals (SDGs) via Energy Security through Sustainable Practices in Northern Cyprus	• Shahrzad SAFAEIMANESH • Farzad SAFAEIMANESH	Cyprus Science University
Effects of Anthropogenic Geomorphology on Collective Memory and Space Relationship	• Gülhis DUYGUN • Elif Yeşim ÖZGEN KÖSTEN	Kocaeli University
Experiences From the Disaster Perspective in Architecture	• Orhun İNCE • Gülhis DUYGUN	Kocaeli University
Yoga Tourism as a Type of SIT and Improvement Suggestions: Case of Northern Cyprus	• Naile SOYEL • Mete Ünal GİRGEN	Kyrenia Municipality

THURSDAY – May 30, 2024 Cyprus Time 16:30-18:45 (Face to Face) SESSION-5, HALL-Kantara / OTURUM-5, SALON-Kantara MODERATOR: Tendü Hilal GÖKTUĞ		
TITLE	AUTHORS	AFFILIATION
Adverse Impacts of Recreational Activities on Protected Coastal Ecosystems	• Tendü Hilal GÖKTUĞ	Aydın Adnan Menderes University
A Public Opinion Research for Environmental Impacts of the Aydın Railway Line and Its Planning as a Greenway.	• Burhan EŞLİK • Tendü Hilal GÖKTUĞ	Aydın Adnan Menderes University
Mountain Ecosystem and Recreation Services Examination in the Example of Mount Dedegöl	• Deniz KARAKUYU • Murat AKTEN	Süleyman Demirel University
Evidence-Based Design: An Assessment within the Framework of Landscape Architecture	• Nazlı Deniz ERSÖZ • Gül SAYAN ATANUR	Bursa Technical University
Visual Perception Analysis of 3rd Generation Coffee Houses: 'The Case of Akaretler'	• Serhat ANIKTAR • Elif Nur UYGUR	İstanbul Sabahattin Zaim University
A Children's Playground Proposal Based on Environmental Characteristics and Demographic Structure	• Nazlı Deniz ERSÖZ • Mahshid MIKAEIL	Bursa Technical University
Evaluation of Lake Eğirdir and its Coastal Band within the Scope of Blue-Green Infrastructure	• Hüseyin Batuhan DÜNDAR • Murat AKTEN	Süleyman Demirel University
Are Carbon Market Instruments Created by Neoliberalism Policies a Solution for Reducing Carbon Emissions	• Atila GÜL • İskender Emre GÜL	Süleyman Demirel University

THURSDAY – May 30, 2024
Cyprus Time 14:00-16:15
(Online)
SESSION-6, HALL-1 / OTURUM 6, SALON-1
MODERATOR: Filiz KARAKUŞ

TITLE	AUTHORS	AFFILIATION
Evaluation of Adaptive Reuse of Historical Buildings in Terms of Sustainability: The Case of Bolu Tabaklar Hamam/Bath	• Filiz KARAKUŞ	Ankara Yıldırım Beyazıt University
An Architectural Examination of Historical Water Structures in the Esenler District of Istanbul	• Miskine AKAR • Selvi Burcu GÜLER	Recep Tayyip Erdoğan University
Typological Analysis of The Projection Structure: Sivrihisar Traditional Houses	• Zuhal KARA SARIÇİÇEK • Hicran Hanım HALAÇ	Eskişehir Technical University
Ecological Settlements: The Example of Akpınar Neighborhood	• Ahmet Berk TAHMAZOĞLU • Demet IRKLI ERYILDIZ	Okan University
The Problem of Originality in Historicist Architecture After the 2000s: The Case of Government Mansions	• Elifcan DUYGUN • Rifat Gökhan KOÇYIĞIT	Pamukkale University
The Change of İnegöl City Center from Past to Present and Old Government House Conservation Project	• Seda ÇAKMAK • Zeynep ERES ÖZDOĞAN	Istanbul Technical University
An Inquiry of Traditional Urfa and Ürünlü Built Environment in the Context of Sustainability	• Hasan DOĞAN	Harran University

THURSDAY – May 30, 2024 Cyprus Time 14:00-16:15 (Online) SESSION-7, HALL-2 / OTURUM 7, SALON-2 • MODERATOR: Arzu ISPALAR ÇAHANTIMUR		
TITLE	AUTHORS	AFFILIATION
Historical Evolution of the Furnishings and Textile Features of İzmit Kasr-ı Hümayun	• Ebru ERDOĞAN • Tülay GÜMÜŞER • Gülşah ÜNER	Selcuk University
Reading Bauhaus at the Intersection of Architecture and Weaving	• Tülay GÜMÜŞER • Ebru ERDOĞAN • Büşra ÖZTÜRK	Selcuk University
A Versatisummaryle Look at the Furniture Design Adventure	• Esra ORHAN YILMAZ • Semih ÇINAR • Elif ÖZGEN	Artvin Çoruh University
Vernacular Architecture Strategies for Building Resilience in Informal Settlements of Bursa	• Rengin BECEREN ÖZTÜRK • Arzu ISPALAR ÇAHANTIMUR	Bursa Uludağ University
Evaluation of Traditional Houses in Balıkesir Urban Center for Conservation	• Ayşegül AĞAN	Balıkesir University
Property, Policy and Actor-Oriented Approach to the Classification of Rental Housing	• Muhammed Cemil DOĞAN • Ömür BARKUL	Usak University
An Attempt to Convey the Ekphrastic Space with Artificial Intelligence: Gulliver's Travels	• Meryem Sevde DOĞRUER • Arzu ÖZEN YAVUZ	Niğde Omer Halisdemir University

THURSDAY – May 30, 2024 Cyprus Time 14:00-16:15 (Online) SESSION-8, HALL-3 / OTURUM 8, SALON-3 MODERATOR: Sevgi YILMAZ		
TITLE	AUTHORS	AFFILIATION
Evaluation of the Effects of Wind on Outdoor Thermal Comfort in Rural and Urban Areas	• Mehmet Akif IRMAK • Sevgi YILMAZ • Hasan YILMAZ	Atatürk University
Pedestrian-Friendly Street Design Modeling with Wind Simulations in Cold Regions: A Case Study of Dadaşkent	• Sevgi YILMAZ • Mehmet Akif IRMAK	Atatürk University
Determining Temporal Changes in the Lakes of the Burdur Basin Using Google Earth Engine	• Nuriye Ebru YILDIZ • Barış KAHVECİ	Niğde Ömer Halisdemir University
Evaluation of Intensive Roofs in Energy Efficient Building Design and Their Role in Urban Food Security	• Enes AKDENİZ • Gülsen ÇELEN • Fatma AYDIN	Mimar Sinan Fine Arts University
The Effect of the Use of Undefined Urban Landscape Areas as Urban Agricultural Areas on Urban Aesthetics: Rize Fener Coast Case	• Fatma AYDIN • Enes AKDENİZ	Mimar Sinan Fine Arts University
Determination of Environmental Awareness Levels of University Students Regarding Climate Change: A Case Study of the Faculty of Architecture at Trakya University	• Afranur ÖZDEMİR • Emine KELEŞ	Trakya University
Determining the Carbon Storage Potential in Cities Using Geographic Information Systems and Remote Sensing Techniques: The Case of Ankara	• Nuriye Ebru YILDIZ • Şükran ŞAHİN	Niğde Ömer Halisdemir University
Examining the Influence of Various Pocket Park Designs on Thermal Comfort in Winter Cities Utilizing ENVI-met Analysis	• Sevgi YILMAZ • Başak ERTEM MUTLU	Atatürk University

THURSDAY – May 30, 2024
Cyprus Time 14:00-16:15
(Online)
SESSION-9, HALL-4 / OTURUM 9, SALON-4
MODERATOR: Zeynep ÜSTÜN ONUR

TITLE	AUTHORS	AFFILIATION
First View Graphic Restoration Project Proposal of the Odina Jome Mosque in Kashkadarya Region	• Mirzo ULUGBEK	Samarkand State University of Architecture and Construction
Development of Preserving Cultural Heritage Sites Methods in a Large City (Using the Example of Moscow)	• E.A. KARFIDOVA • A.P. SIZOV	Institute of Environmental Geoscience Russian Academy of Sciences
Analysis of the Causes of the Abandonment of Telaga Rawa Jaya Tourist Attraction	• Dyah PURBANINGRUM • Hendri Hermawan ADİNUGRAHA • Muhammad Aris SAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
Exploring the Nexus of Technology, Artificial Intelligence, & Architecture	• D. DEEPIKA	R.M.K. Engineering College
The Role of Artificial Intelligence in Optimizing Digital Architectural Designs	• Denada AHMETI RADA	Logos University College
Utilizing Python for Customizable 3D Modeling of Frame Structure Buildings: A Novel Approach to Digital Fabrication and 3D Printing	• Muneeb HASSAN	Pakistan Institute of Engineering and Technology
Using Photogrammetry for Digital Documentation of Heritage Sites and Objects in Jordan	• Fatima HAROUN	The Hashemite University
The Effect of Road Height on Noise Level Under the Canyon Effect	• Derin Hilal BİLMEZ • Ümit ARPACIOĞLU	Mimar Sinan Fine Arts University

THURSDAY – May 30, 2024
Cyprus Time 14:00-16:15
(Online)
SESSION-10, HALL-5/ OTURUM 10 SALON-5
MODERATOR: Rasiha KAYALAR

TITLE	AUTHORS	AFFILIATION
Opportunities for the Use of Artificial Intelligence in Organisations	• Vivien VÁGNER	University of Pannonia
Efficient Deep Neural Network Architecture for Practical Underwater Image Enhancement	• Ouafa. BENAIDA • Abdelhamid. LOUKI • Adda. ALI PACHA	University of Sciences and Technology of Oran Mohamed Boudiaf
Enhancing Academic Library Services: An Overview of Artificial Intelligence Applications	• Mahadevan BALASUBRAMANIYAn • Kannadasan KARUPPAIAH	Vellalar College for Women
The Role of Planning in Managing Material Resources in Small Scale Business Using De-Rahma Table Water Kaura Namoda Zamfara State, Nigeria.	• Sirajo SHEHU	Federal Polytechnic Kaura Namoda
Environmental Pollution's Impact on Life and Possible Solutions	• K. SIVASURIYAN • G. GUNASEKAR • S. GOWRI SHANKAR • V. AJAYDESOUZA • K. PRITHIVIRAJ	Annamalai University
Modeling, Simulation and Analysis of Wind System Based Doubly-Fed Induction Generator(DFIG) :	• Chaima GHERARI	University of Mohamed Cherif Messaadia
Social Economic Harmonization in Multıreligious Communities (Study in Linggoasri Village Indonesia)	• Muhammad SYUKRON • Hendri Hermawan ADİNUGRAHA	UIN K.H. Abdurrahman Wahid Pekalongan
Empowering MSME as a Driver of Economic Growth and Improving Economic's Welfare (Case Study of MSME in Kajen Subdistrict)	• Marshell Bahreiza Dana PUTRA • Hendri Hermawan ADINUGRAHA • Muhammad Aris SAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan

THURSDAY – May 30, 2024
Cyprus Time 14:00-16:15
(Online)
SESSION-11, HALL-6/ OTURUM 11 SALON-6
MODERATOR: Kamal Kumar ARORA

TITLE	AUTHORS	AFFILIATION
Proficiency of Topical Platelet Rich Plasma with Vacuum Assisted Closure Over Platelet Rich Plasma Alone in Diabetic Foot Ulcers –A Clinical Prospective Comparative Study	• Kamal Kumar ARORA	Government Medical College
Fabrication of Metal-Organic Frameworks Based Supercapacitors and Investigation of its Faradaic and Non-Faradaic Response	• Usama ZAHID • Muhammad Ramzan KHAWAR • Yasir JAVED • Dongwhi CHOI	University of Agriculture
Comparative Study of the Structural and Vibrational Properties of Dy2MMnO6 Double Perovskites with M = Ni, Co, and Zn	• Hamza Ouachtouk Amine HARBi • Chaimaa MOUKHFi • Said AZERBLOU • Youssef NAIMI • El Mostafa TACE	University Hassan II of Casablanca
Effect of Date Seed Powder on Sensory, Nutritional, and Rheological Properties of Moroccan Sourdough Bread	• Elbatoul HANOUNE • Ouahiba LAOUAT • Mohammed Aziz ELHOUMAIZI	University Mohammed First
CaO-HAP Impregnated by ZnAl2O4 as a Potential Catalyst for Biodiesel Production	• Amina OUAHBI • Youness BOUHAJ • Said SAIR • Abdeslam EL BOUARI • Omar TANANE	HASSAN II University
Crop Biofortification Using Transgenic Approaches	• P. KATHIRAVAN • V. AJAYDESOUZA • G. GUNASEKAR • K. PRITHIVIRAJ • Gowri SHANKAR	Annamalai University
Fractional Order Dynamics for HIV/AIDS Transmission with Migration	• Safae L'KIMA • Elhoussine AZROUL • Abdelouahed ALLA HAMOU	Sidi Mohamed Ben Abdellah University
Study of Electronic, Thermodynamic, and Optical Properties of RbScO2: Ab initio Calculations	• S. DAHRI • A. JABAR • L. BAHMAD • L. B. DRISSI • R. AHL LAAMARA	Mohammed V University in Rabat

THURSDAY – May 30, 2024
Cyprus Time 14:00-16:15
(Online)
SESSION-12, HALL-7 / OTURUM 12, SALON-7
MODERATOR: Slobodan POPOVIĆ

TITLE	AUTHORS	AFFILIATION
Production and Characterization of Carbon Nanotubes from Biochar Under Microwave Irradiation.	• Faisal NAZIR	The University of Agriculture
The Significance of Transformation of the Banking System in Developing Countries Like the Republic of Serbia	• Lutovac JELEN • Slobodan POPOVIĆ	Megatrend University
Internal Control in the Work of the Financial Sector and the Real Economy Sector of Small Economies	• Slobodan POPOVIĆ • Lutovac JELENA	Megatrend University
Generation of Hydrogen Using Solar Photoelectrochemical Techniques with Dye Sensitizers.	• Wadiae EL BAHRAMI • Hassan MABRAK • IMANE BOUMANCHAR • YOUSSEF NAIMI	Hassan II University of Casablanca
Strengthening Corporate Governance via Internal Control	• Mohammed Saci FERDIA • Aida KAMMOUN	University of Sfax
Analysis of Implementation of Personal Income Tax (Pph21) in an Islamic Economic Perspective	• Lisna Nisa SAVILA • Hendri Hermawan ADİNUGRAHA	UIN K.H. Abdurrahman Wahid Pekalongan
Practical and Rapid Synthesis of Various Chromene-Based Pharmaceutical Products, Assisted by Ag@Co3O4/Alginate as a Heterogeneous Catalyst, Biodegradability, and Efficacy	• Taoufyk AZZEDDINE • Benhadria LAHOUCINE • Rezzouq ASIYA • Mahfoud AGUNAOU Lahoucine BAHSIS	Hassan II University

THURSDAY – May 30, 2024 Cyprus Time 16:30-18:00 (Online)		
SESSION-13, HALL-1 / OTURUM 13, SALON-1 MODERATOR: Ahmet Cüneyd DİRİ		
TITLE	AUTHORS	AFFILIATION
Evaluation of the Carbon Footprint of Thermal Insulation Materials Used in Building Envelopes within the Building Life Cycle	• Ahmet Cüneyd DİRİ	Mimar Sinan Fine Arts University
Field Study on Determining the Impact of Design Decisions on Energy Efficiency at Settlement Scale	• Ceren Aydan NASIR • Elif ÖZER YÜKSEL • Seher GÜZELÇOBAN MAYUK	Gebze Technical University
Comparative Analysis of Life Cycle Assessment (LCA) Software	• Neriman Gül ÇELEBİ • Ümit ARPACIOĞLU	Mimar Sinan Fine Arts University,
A Research About Life Cycle Assessment of Inorganic Based of Binders in Terms of Sustainability	• Ecem KÖŞÜRGELİ • Seden ACUN ÖZGÜNLER	Final International University
Building Anatomy: Impact of Internal and External Factors on Building Design; Production and Analysis	• Neslihan Efsa ÖZÇELİK • Murat SÖNMEZ	TOBB Economy and Technology University
An Examination on Sustainability in Graduate Thesis from the Perspective of Industrial Design	• Ege KAYA KÖSE	Ankara Yıldırım Beyazıt University
Multigenerational Houses and Intergenerational Housing Typology	Dicle ÖZAVCI	Siirt University
The Effect of Environmental Design and Architecture on Crime Prevention	Dicle ÖZAVCI	Siirt University

THURSDAY – May 30, 2024 Cyprus Time 16:30-18:00 (Online) SESSION-14, HALL-2 / OTURUM 14, SALON-2 • MODERATOR: Öner DEMİREL		
TITLE	AUTHORS	AFFILIATION
A Model Trial for Creating a Site Selection Model for Urban Forests in Our Country: Kırıkkale Urban Forest	• Öner DEMIREL • Meryem Bihter BINGÜL BULUT • Bilgenur AK • Tuba Gizem AYDOĞAN	Kırıkkale University
From the Cladding Towards the Skin: A Biomimetic Perspective on the Building Envelope	• Zelal CINAR	TOBB University of Economics and Technology
Walkability on University Campuses: A Development Project at Süleyman Demirel University	• Gizem DİNÇ • Gamze VERGİSİZ	Süleyman Demirel University
Solar-Related Performance-Oriented Digital Workflow	• Sercan DENİZ • Zelal ÇINAR	TOBB Economy and Technology University
Examination of the City Image Components and Sign Elements of Balat District Through Instagram Users	• Hicran Hanım HALAÇ • Ruken AVCI • Yasemin AKCAKAYA	Eskişehir Technical University
Accreditation of Graduate Education Programs and the First Steps Taken on This Topic in Our Country	• Öner DEMİREL • Saye Nihan ÇABUK • Şükran ŞAHİN • Alper ÇABUK • Sultan Sevinç KURT KONAKOĞLU	Amasya University
Accessibility of Traditional Buildings for Elderly Individuals: The Case of Tarsus Burhanoğlu Mansion	• Sena SOYUPAK • Gökhan UŞMA	Adana Alparslan Türkeş Science and Technology University
Examining Material Use in Architectural Design from a Biomimetic Perspective	• Menşure Kübra MÜEZZİNOĞLU • Egecan ALP	Fırat University

THURSDAY – May 30, 2024
Cyprus Time 16:30-18:00
(Online)
SESSION-15, HALL-3 / OTURUM 15, SALON-3
• MODERATOR: Hasan YILMAZ

TITLE	AUTHORS	AFFILIATION
Involving Public Participation and Determining Preferences in Planning and Designing Noise Mitigation Barriers Along the Main Transportation Route in the City Center of Erzurum	• Ayşegül AKSU • Hasan YILMAZ	Atatürk University
The Importance of Bioclimatic Comfort in Ecopsychology Approach	• Ahmet Erkan METİN • Atila GÜL	Uşak University
The Role of Urban Planning in Controlling Noise Pollution from Road Transportation	• Barış KAHVECİ • Muzaffer YÜCEL	Niğde Ömer Halisdemir University
Effects of Material Selection on Urban Stormwater Management	• Nilay MISIRLI • Elif Ebru ŞİŞMAN	Trakya Üniversitesi
Investigation of the Role of Roofs in Rainwater Harvesting: Recep Tayyip Erdoğan University, Rize	• Ayça AKKAN ÇAVDAR • Esra LAKOT ALEMDAĞ	Recep Tayyip Erdoğan University
Exploring the Relationship Between Urban Resilience and Landscape Architecture	• Alev AD • Ömer Faruk UZUN	Sakarya University of Applied Science
An Evaluation on the Relationship Between Spatial Planning and Flood Disaster: The Case of Bozkurt, Kastamonu	• Zarife DEMİREZEN • Yasin BEKTAŞ	Erciyes University
Evaluation of the Sustainable Design Concept Through Architectural Project Competitions	• Nilay AYKAN • Esra LAKOT ALEMDAĞ	Recep Tayyip Erdoğan University

THURSDAY – May 30, 2024
Cyprus Time 16:30-18:00
(Online)
SESSION-16, HALL-4 / OTURUM 16, SALON-4
• MODERATOR: Kasra TALEBIAN

TITLE	AUTHORS	AFFILIATION
Exploring the Compromise Value of Azimuth Angle for Thermal and Visual Comfort in a Building in the Temperate Dry Climate of Nigeria	• Muhammad Aminu MUSA	Ahmadu Bello University
A Framework for Optimising Passive Indoor Thermal and Visual Comfort in Single-Banked Office Buildings in the Temperate Dry Climate of Nigeria	• Muhammad Aminu MUSA • Abubakar Sadiq SALISU	Ahmadu Bello University
A Model for Assessing Urban Texture in Terms of Energy Efficiency and Thermal Comfort	• Mehrdad KARIMIMOSHAVER	Bu-Ali Sina University
Climate Change and Drought Vulnerability in Northeast Algeria: A Data-Driven Approach to Risk Assessment and Management	• Abderrahmane ZIARI • Abderrahmane MEDJERAB	University of Sciences and Technology Houari Boumediene Algeriers
How Climate Change Affects Agricultural Production	• K.R. PADMA • K.R. DON	Sri Padmavati Mahila Visvavidyalayam (Women's) University
Impact of Contrasting Climate Conditions on Pomegranate Development and Productivity: Implications for Breeding and Cultivar Selection in Colder Environments	• Atman ADIBA • Abdelmajid HADDIOUI • Rachid RAZOUK • Hicham OUHAKKi • Anas HAMDANI • Hakim OUTGHOULIASt • Jamal CHARAFI	National Institute of Agricultural Research
Reservoir Simulation of Teapot Dome Classic Reservoir: Comparison of Water Flooding and Gas Flooding	• Azamat BUKAYEV • Aisha TEMIRKHAN • Masoud RIAZIA	Nazarbayev University
Renewable Resilience: Promoting a Greener World with Sustainable Energy Strategies	• Ashraful AMIN • Shahareyar EMON • Jahid Hasan RANA • Abdul Kader JELANE	University of Rajshahi

THURSDAY – May 30, 2024 Cyprus Time 16:30-18:00 (Online)		
SESSION-17, HALL-5 / OTURUM 17, SALON-5 • MODERATOR: Deniz HASIRCI		
TITLE	AUTHORS	AFFILIATION
The Bio-Interior: Holistic Biophilia in the Interior Design Studio	• Deniz HASIRCI • Silvia ROLLA • Gözde Damla TURHAN-HASKARA • İdil BAKIR KÜÇÜKKAYA	Izmir University of Economics
Examining Corporate Identity in Interior Design Through Residences	• Mehmethan ÖZERDEM • Mehmet NORASLI	Selçuk University
Changes in the Exhibition Styles of Chicago Architecture Biennials	• İrem Cansu YALÇIN • Zeynep SARAÇ • Gürkan TOPALOĞLU	Ataturk University
A Review Study on the Acoustics of Contemporary Mosques	• Fatma YELKENCİ SERT	Dokuz Eylul University
Analysis of Burdur Cumhuriyet Square with Space Syntax Method	• Tuğba BALKIS • Berna GÜÇ	Süleyman Demirel University
An Example of Sports Facilities in the Ottoman Empire: Robert College Gymnasium Building	• Tuğba YILMAZ • Zeynep Gül ÜNAL	Yıldız Technical University
A Comprehensive Study on the Visual Comfort Conditions of Historical Mosque Buildings	• Fatma YELKENCİ SERT	Dokuz Eylul University
Representation Place of the Republic: Reading the Educational Buildings of Isparta City Istasyon Street Through Urban Memory	• Nurcihan AKDAĞ • Şefika Gülin BEYHAN	Süleyman Demirel University

THURSDAY – May 30, 2024
Cyprus Time 16:30-18:00
(Online)
SESSION-18, HALL-6/ OTURUM 18, SALON-6
MODERATOR: Pelin FIRAT ÖRS

TITLE	AUTHORS	AFFILIATION
Leveraging Machine Learning for Early-Stage Energy Efficiency in Building Design: A Comprehensive Study on Predictive Models	• Hilab MANAL	University Mohamed Khider
Harmonizing Efficiency and Comfort: Unveiling Optimal Genetic Algorithm Parameters for Sustainable Building Design	• Hilab MANAL	University Mohamed Khider
Townhouse Design Solves the Problems of Tropical Climate, Save Energy and Ensure Thermal Comfort	• Bui Man Nghi • Dao Thanh Tam	University of Architecture Ho Chi Minh City
Advancements in Intelligent Optimization for Building Design: A Comprehensive Overview of Nature-Inspired Methods	• Hilab MANAL	University Mohamed Khider
Thermal Comfort in Commercial Buildings: A Comprehensive Study on Building Performance and Environmental Impact	• Hilab MANAL	University Mohamed Khider
Evaluating the Performance of Various Shading Devices on Daylighting For Visual Comfort in the Temperate Dry Climate of Nigeria	• Muhammad Aminu Musa • Usman, Abdullahi Muhammad	Ahmadu Bello University
Artificial Intelligence in Architecture for Energy Efficiency and Sustainability Objectives: Building Information Modeling, Virtual Reality, and Augmented Reality for Imaginative and Strategic Building Design and Layout	• Cristina Raluca Gh. Popescu • Gheorghe N. Popescu	University of Bucharest

THURSDAY – May 30, 2024
Cyprus Time 16:30-18:00
(Online)
SESSION-19, HALL-7 / OTURUM 19, SALON-7
• MODERATOR: Abdelmoutalib BENFRID

TITLE	AUTHORS	AFFILIATION
Efficacy of Aloe Vera Supplemented Canola Meal Based Diets on Growth Performance, Nutrient Digestibility and Carcass Composition of Catla Catla Fingerlings	• Muhammad AMJAD • Syed Makhdoom HUSSAIN • Zeeshan YOUSAF • Muhammad MAHMOOD • Adan NAEEM • Eman NAMEEM	Government College University
Cancer Data Analysis with Data Mining Algorith	• Irshad ULLAH • Aamna Saleem KHAN	Concordia College and University Delaware
The Voigt Model is Used to Homogenize High-Performance Concrete by Adding Fine Particles of Sheep Bone to Replace Fine Sand and Minimize Porosity.	• Abdelmoutalib BENFRID • Mohamed BACHIR BOUIADJRA	Université Djillali Liabes
Sımulatıon Model of a Sıngle-Phase Inverter Usıng SPWM Unıpolar Technıque	• Ramzi EL IDRISSI • Abdelkabir BACHA • Fatima LMAI	Hassan II University
Socioeconomics Factors Affecting Access to Medications and Pharmacy Services	• R. VIDHYALAKSHMi • K. RAJAGANAPATHY	Bharath Institute Of Higher Education And Research
Investigation of Structural, Microstructural and Optical Properties of ZnO, Zn0.90Co0.05M0.05O (M= Na, Al, Cd, Cu) Thin Films by USP Method.	• Sabrina ROGUAI • Abdelkader DJELLOUL	University of Abbes Laghrour Khenchela
Formulation and Evaluation of Anti Diabetic Activity of Herbal Anti Diabetic Syrup with Fenugreek	• Hina KHALID • Ayesha GHIAS • Aisha Ghulam MUSTAFA • M. HUZAIFA ALI • Mishal SHOAIB DAR • Fareeha NAWAB	Hajvery University
Regression Analysis of Hospital Statistics: A Case Study of Akure Metropolis	• O. A. OLADIMEJI • S. T, OGUNBANWO • O. T, OYEJIDE • O. O. OYEBODE	Federal Polytechnic

FRIDAY– May 31, 2024
Cyprus Time 08:30-10:45
(Online)
SESSION-20, HALL-1 / OTURUM 20, SALON-1
MODERATOR: Floriana ZUCARO

TITLE	AUTHORS	AFFILIATION
Comparative Analysis of Urban Land Cover Changes: A Case Study of İzmir, Türkiye, and Naples, Italy	• Floriana ZUCARO • Gizem DİNÇ • Atila GÜL	University of Naples Federico II
Analyzing Accessibility and Infrastructure of Cultural Heritage Sites for Visitors with Disabilities	• Nastaran DELJAVAN • Elif BİLMİŞOĞLU	KTO Karatay University
Investigation Heritage Conservation in Syria: Challenges and Strategies for Conserving the Ancient Palmyra Heritage Building	• Monzer JAGHLI • Shabnam GOLKARIAN	Near East University
Post-War Destruction and Rehabilitation Process: The Example of Syria-Aleppo	• Gülferah ÇORAPÇIOĞLU • Rüya AZİZE	Istanbul Arel University
Strategies for Urban Renewal in Revitalizing Tudun Ilu Neighborhood, Kaduna, Nigeria	• Aliyu HASSAn	Nigerian Air Force
Investigation of Sustainability Based Assessment Tools in Terms of Urban Landscape Quality	• Wajiha WAHEED	Allama Iqbal Open Univervity
Urban Planning	• Mustapha Imam MUHAMMAD	Bayero University
Historical Environment Protection Plans and Zoning Applications Antalya Province, İbradi District, Ormana Example	• Hüseyin CENGİZ	Istanbul Commerce University

FRIDAY– May 31, 2024
Cyprus Time 08:30-10:45
(Online)

SESSION-21, HALL-2 / OTURUM 21, SALON-2
MODERATOR: Şükran ŞAHİN

TITLE	AUTHORS	AFFILIATION
Ecological and Social Significance of Green Bridge Applications in Existing Urban Matrix: A Case Study in Design	• Şükran ŞAHİN	Ankara University
Urban Transformation in the View of Landscape Urbanism: Cases from İstanbul	• Ayşe Betül ÇUFALI • Emine Figen DILEK	Karabuk University
The Correlation Between Perceived Naturalness and User Typology in Urban Green Spaces	• Nida KURAK • Serap YILMAZ	Karadeniz Technical University
The Potential for the Use of Phase Change Materials in Diverse Climate Zones Across Türkiye	• Rana UZUN • Elif ÖZER YÜKSEL	Gebze Technical University
The Effects of Natural Environments on Chıldren's Learning	• Serap YILMAZ • Nida KURAK	Karadeniz Technical University
“Material Choice” in Architectural Design as “Signature”: An Analysis Through the Materials Identified with Architects and Their Buildings”	• Serkan Yaşar ERDİNÇ • Ürün BİÇER	İstanbul Beykent Üniversitesi
The Effects of Glycine Betaine and Nitrogen Applications on Turfgrass Performance of Zoysia japonica	• Mert ÇAKIR • Meryem KURT • Songül SEVER MUTLU	Süleyman Demirel University

FRIDAY– May 31, 2024
Cyprus Time 08:30-10:45
(Online)

SESSION-22, HALL-3 / OTURUM 22, SALON-3
MODERATOR: Pooya LOTFABAD

TITLE	AUTHORS	AFFILIATION
A Study to Understand the Management and Design of Green Buildings for Sustainable Development in the City of Bangalore, India	• Ravikeerthi Jangamakote VARADARAJU	Presidency College
The Role of Architecture in Sustainable Development	• Aminu Danrimi MAIKUDI	Studied at Kano University of Science & Technology Wudil - KUST
Cultural Heritage Protection and Historic Building Stability: From Geometrical Formation to Aesthetic	• Jumana Ahmad AQEEL • Naif Adel HADDAD	Hashemite University
Smart Sustainable Cities for Happier People as Envisioned by United Nations Economic Commission for Europe: Fostering Harmonious Societies, Improving Quality of Life, and Advocating Innovative Financing Approach	• Cristina Raluca Gh. POPESCU • Gheorghe N. POPESCU	University of Bucharest
Understanding Architecture: More Than Just Buildings.	• Wahaj HAIDER	Ahlul Bayt International University
Exploring Midjourney Parameters in Architectural Design: Chaos, Weird, and Stylize Parameters	• Merve GÖZEL • Changbae PARK	Pusan National University
A Method to Evaluate the Impact of Tall Residential Buildings on Cities	• Mehrdad KARIMIMOSHAVER • Banu ÖZKAZANÇ	Bu-Ali Sina University
Response of High Rise Building Against Earthquake Force and Wind Force Under Different Soil Conditions	• Subhashish DEY	Gudlavalleru Engineering College

FRIDAY – May 31, 2024
Cyprus Time 08:30-10:45
(Online)
SESSION-23, HALL-4/ OTURUM 23, SALON-4
MODERATOR: Ufuk ÇOŞGUN

TITLE	AUTHORS	AFFILIATION
Evaluation of Marketing Wood Production in Forestry	• Ufuk COŞGUN • Damla YILDIZ	Karabuk University
Exploring Teachers' Ecological Footprint Awareness	• Ömer ÇELİKKOL • Aytekin TOKGÖZ	Süleyman Demirel University
Evaluation of Employees' Perception of Workload and Job Satisfaction in Protected Areas	• Saime DEMİRTAŞ • Ufuk COŞGUN	Karabuk University
Determination of the Natural and Cultural Resource Values of the Turkish Republic of Cyprus in Terms of Tourism and Suggestions for Sustainable Management	• Sibel AKTEN • Gülsüm KASAP	Isparta University of Applied Sciences
Sustainable Ecotourism Policies in Forest Areas and Legislative Evaluations from Past to Present	• Damla YILDIZ • Ufuk COŞGUN	Karabuk University
Perception and Communication Awareness in Plants	• İlayda Merve İLERİ • Atila GÜL	Süleyman Demirel University
Evaluation of Metaphorical Perceptions of Ecotourism and Forest Park	• Damla YILDIZ • Ufuk COŞGUN • Hasan GÜNEŞ	Karabuk University
Local Identity Values and Analysis of Demre (Antalya) Region	• Atila Gül • Dilara ERDOĞAN	Süleyman Demirel University

FRIDAY– May 31, 2024
Cyprus Time 08:30-10:45
(Online)

SESSION-24, HALL-5 / OTURUM 24, SALON-5
MODERATOR: Halime GÖZLÜKAYA

TITLE	AUTHORS	AFFILIATION
Importance of Effective Leadership to Avoid Accidents at Construction Sites	• Subhojit CHATTARAJ • Sandeepan SAHA • Suman HALDER • Sudipta Naskar Alok DAS	Greater Kolkata College of Engineering and Management
Analysis of the Effect of Economic Growth on Poverty Levels in Pekalongan Regency	• KARTIKASARI • Muhammad SHULTHONI • Drajat STIAWAN	UIN K. H. Abdurrahman Wahid Pekalongan
Approaches for Analyzing Traffic Accident: A Comprehensive Overview	• Khanh Giang LE	University of Transport and Communications
Smart Traffic Systems Management in Connected Communities: Enhancing Safety and Mobility	• Khanh Giang LE	University of Transport and Communications
A Solution of Multi Objective Transportation Problem Under Uncertain Environments	• Mohammad NABEEL • Wajahat ALI • Sheema SADIA • Usman AKBAR	Aligarh Muslim University
IKN Tests the Technology Resilience of Smart Transportation Systems	• Indah KHOIRUNISA • Ade GUNAWAN • Santi Nailul IZATY	UIN K.H. Abdurrahman wahid Pekalongan
Noise Pollution Monitoring and Noise Mapping at Rajshahi University, Bangladesh	• Alamgir HASAN • Abul Kalam AZAD • KAMRUZZAMAN • MONIRUZZAMAN	Rajshahi University,
Antibiotic Pollution in Aquatic Environments: Understanding Environmental Impacts	• Priyanjali KAUSHAL • Aliza DANISH • Pushpanjali MAURYA • GULSHI • Shama AKHTAR • Mohd ZEESHAN • Abdul Rahman KHAN • Saimah KHAN	Integral University

FRIDAY– May 31, 2024
Cyprus Time 08:30-10:45
(Online)
SESSION-25, HALL-6 / OTURUM 25, SALON-6
MODERATOR: Wasiu Abiodun MAKİNDE

TITLE	AUTHORS	AFFILIATION
Fuzzy Logic with Artificial Intelligence in Improving Service Quality in e-government Applications	• Mohammad Ali AL QUDAH • Leyla MURADKHANLI • Mutaz Mohammed ABUHASHISH	Khazar University
Economic Survey of Household Expenditure Pattern during COVID-19 Pandemic in Ogun State, Nigeria	• Daud, S.A. • Amao, O. • Aderibigbe, I.A. • Sulaimon, I.O • Omotoso, A.B.	North-West University
Economic Problems of Society in the Perspective of Islamic Studies	• Nur HİDAYAH • Hendri Hermawan ADİNUGRAHA • Muhammad Aris SAFİ'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
Compensation Management and Employee Performance in the Federal Polytechnic, Ilaro, Nigeria	• Wasiu Abiodun MAKINDE	the Federal Polytechnic
The Role of Fiscal Policy in Reducing Poverty in Indonesia	• Neki BAROKAH • Hendri Hermawan ADINUGRAHA • M. Aris SYAFI'I • Happy Sista DEVI	UIN K.H. Abdurrahman Wahid Pekalongan
Ijarah and Implementation in Sharia Banking	• LAILATUSSIFA • Hendri Hermawan ADINUGRAHA • Muhammad Aris SYAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
Healthcare Financing in the Context of South Asian Countries	• Azhar JAN • Meenakshi GUPTA • Sheikh Aftaab-Ul-MAROOF	Shri Mata Vaishno Devi University
The Impact of the Growth of Sharia Insurance on the Indonesian Economy	• Arziyah Windri WINDASARI • Hendri Hermawan ADINUGRAHA • M.Aris SYAFI'I • Happy Sista DEVI	UIN K.H. Abdurrahman Wahid Pekalongan

FRIDAY– May 31, 2024
Cyprus Time 11:00-13:15
(Online)
SESSION-26, HALL-1/ OTURUM 26, SALON-1
MODERATOR: Sultan Sevinç KURT KONAKOĞLU

TITLE	AUTHORS	AFFILIATION
A Bibliometric Analysis on the Use of Unmanned Aerial Vehicle in Land Use/Land Cover Studies	• Berkant KONAKOĞLU • Kadir Tolga ÇELİK • Sultan Sevinç KURT KONAKOĞLU	Amasya University
Structural System Optimization on Planets with Different Gravitational Accelerations	• Serra ÇELİK KIRATLI • Ali Osman KURUŞCU	Yıldız Technical University
Post Application Problems and Solution Methods in Wood-Based Building Envelope Materials	• Bahadır KIR • Zehra Canan GİRGİN	Yildiz Technical University
A Bibliometric Introduction to Architectural Research, Including the Words of "Wood" and "Carbon" Together	• Z. Sevgen PERKER • Merve Nur KORKUSUZ	Bursa Uludag University
Development Process of Iron Material Usage in Architectural Applications from Past to Present	• Gökhan MERMİ • Ümit ARPACIOĞLU	Istanbul Nişantaşı University
Energy Analysis of Natural Insulation Materials in Building Exterior Wall for Eco-Efficient Retrofits	• İlknur ARI • Figen BALO	Fırat University
Energy Efficiency of Building Envelopes Designed with Natural Stone and Foam Based Insulation Alternatives	• İlknur ARI • Figen BALO	Fırat University
Institutionalization of Contemporary Building Materials in Turkish Architecture: State Organizations and Regulations	• Sümeyye KORKMAZ • Zafer SAĞDIÇ	Yıldız Technical University

FRIDAY– May 31, 2024
Cyprus Time 11:00-13:15
(Online)

SESSION-27, HALL-2 / OTURUM 27, SALON-2

MODERATOR: Ümit ARPACIOĞLU

TITLE	AUTHORS	AFFILIATION
The Owning of Public Space: The Impact of Play on Urban Public Spaces in the Frankenberger Neighbourhood	• Pelin Işık • Christa Reicher	RWTH Aachen University
Exploring Playgrounds: The Innovative Design of Aldo Van Eyck and Isamu Noguchi	• Gizem BÜYÜCEK	Konya Technical University
Le Corbusier and His Influence on Sustainable Architecture	• Enes ÖNER • Şeyda EMEKÇİ	Ankara Yıldırım Beyazıt University
V. Chicago Architecture Biennial: Examining the Relationship between Discourse and Content	• Esmanur YAVUZ • Sena ŞEN • Gürkan TOPALOĞLU	Karadeniz Teknik Üniversitesi
Reading the New through the Traces of the Old: Palimpsest Space Şerefiye Cistern	• Zeynep TANRIVERDİ	Fatih Sultan Mehmet Vakıf Üniversitesi
Evaluation of Gaziantep Old Government House in the Context of Critical Regionalism	• Mine ÖZOVACI KILIÇ • Nur URFALIOĞLU	Yıldız Teknik University
Examining “Repetition” as a Design Attitude within the Framework of the Philosophy of Immanence: Creative Repetition in the Designs of Bernard Cache and Greg Lynn	• Çiğdem POLATOĞLU • Nehir SANRI DOĞAN	Yıldız Technical University
Architectural Transformation in Kars After 1877-78: Effects of Russian Rule and Housing Architecture	• Gül Helin ALINAK • Elif Özlem AYDIN	Gebze Teknik Üniversitesi

FRIDAY– May 31, 2024
Cyprus Time 11:00-13:15
(Online)

SESSION-28, HALL-3/ OTURUM 28, SALON-3
MODERATOR: H. Berk TÜRKER

TITLE	AUTHORS	AFFILIATION
Thermodynamic Optimization of Tb–Ni Binary System Supported by Dft Calculations	• Z. RAHOU • D. MOUSTAINe • Y. BEN-ALI • A. HALLAOUI	Sidi Mohamed Ben Abdellah University
Managerial Coaching and Subordinates' Work Behavior: Empirical Study At Malaysia's Public Department	• Nur Izzaty MOHAMAd • Suhaila ABDULLAH	Universiti Sains Malaysia
A Study on Biosorbents for the Removal Ofchloride Ion from Water	• Subhashish DEY	Gudlavalleru Engineering College
Study of Ti3C2/CNT Nanocomposite-Based Flexible Paper Electrode for Supercapacitor Applications	• Chetan Mainak BASU • Vijay KUMAR • Sunil KUMAR • Jatinder GARG	G.D. Goenka University
Improving Performance: Evaluating and Optimizing a 70 MW Thermal Power Plant through Energy Audits	• Deepak RATHOD • Ankit TIWARI	Shri Vaishnav Institute of Technology and Science
Mission Drift of Microfinance Institutions in India: Is it real?	• Anupama RAJPUt • Bhawna RAJPUT	University of Delhi
Optimal Power Conversion Efficiency of Perovskite Solar Cells	• Aisha SHAIKH • Pervez Hameed SHAIKH • Shoaib Ahmed KHATRI	Mehran University of Engineering & Technology
Radiographic Techniques for Estimating Dental Age: A Comparative Study	• Muhammad Salman KHA • Irfan ULLAH • Saskia L NASROEN • Ani Melani MASKOEN • ERLI SARILITA	University of Indonesia

FRIDAY– May 31, 2024
Cyprus Time 11:00-13:15
(Online)

SESSION-29, HALL-4/ OTURUM 29, SALON-4
MODERATOR: Ahmet Erkan METİN

TITLE	AUTHORS	AFFILIATION
Experimental Investigations on Performance of Biomedical Ash in Concrete	• Subhashish DEY	Civil Engineering Department, Gudlavalleru Engineering College
A Novel Technology for Ecological Pavement and Asphalt Production: Mine and Industrial Waste Plant (CDMI)	• Zakaria MAD ANI	Valbiom Cluster Morocco
Mechanical Properties of Sandcrete Blocks Used for Building Construction in Ilaro Township of Ogun State, Nigeria	• Olugbenga Babajide SOYEMI • Elizabeth Tofunmi OJELABI	The Federal Polytechnic
Ceramic tile Composition and Technological Properties Based on Moroccan Dark Clays	• Ayoub IMGIRNE • Youssef ARKAME • Achraf HARRATI • Abdelilah EL HADDAR • Aboubakar MOUSTAPHA • Chaouki SADIK	HASSAN II University
Study of Insulation Scenarios Using an Ecological Material as a Sustainable Solution for Comfortable and Efficient Buildings: The Case of Moroccan Buildings	• Hicham KADDOURI • Ayoub BOUCHARK • Abderrahim ABIDOUCHE	Abdelmalek Essaadi University
Laboratory Investigation on Brittleness Performances of Reinforced Masonry Cement Mortar Containing Recycled Glass Waste	• Benyahia AMAR	University of Blida
Assessment of the Properties of Innovative Cement Mortars Produced from Recycled Powder	• Benyahia AMAR • Salhi MOHAMED • Boubekeur TOUFIK	University of Saad Dahlab Blida 1
Comparison Effect of Single and Combined Applications of Municipal Sewage Sludge and Triple Superphosphate on Some Growth Traits of Quinoa under Saline Condition	• Hadis HATAMI • Hossein PARVIZI • Amir PARNIAN • Hossein BEYRAMI	National Salinity Research Center

FRIDAY– May 31, 2024
Cyprus Time 11:00-13:15
(Online)
SESSION-30, HALL-5/ OTURUM 30, SALON-5
MODERATOR: Fedwa BEGHDADI

TITLE	AUTHORS	AFFILIATION
Removal of Pharmaceutical Drugs from Binary Mixtures by Use of Nanocomposite: Experimental and Molecular Modeling Study	• SALAA Fahima • Benabbou Asmae • Medjdoub Aicha • Khelifa Amine	Université de Mostaganem
Some Natural Isolated Compounds as Anticancer Agents	• B. Pharm A. • Dinessh BABU	Bharath Institute Of Higher Education And Research Chennai
The Algerian Desert is a Rich Source of Actinobacteria with Important Biotechnological Activities	• Fedwa BEGHDADI • El-Hadj DRICHE	Hassiba Benbouali University of Chlef
Green Tea –An Antioxidant Mystic Herb	• B. Pharm • A. DINESH BABU	Bharath Institute Of Higher Education And Research Chennai
Fire Blight Disease is a tThreat to the Crop of Apple and Pear Trees	• Fedwa BEGHDADI • El-Hadj DRICHE	Hassiba Benbouali University of Chlef
Isolation and identification of actinobacteria from Algerian Saharan Soil	• Fedwa BEGHDADI • El-Hadj DRICHE	Hassiba Benbouali University of Chlef
Effect of Chromium (Cr) on Phase Transformation Behavior of Fe-20Mn-6Si Shape Memory Alloy	• Junaid KHAN • Rana Atta ur Rahman • Shahid MEHMOOD	University of Engineering and Technology
Numerical Simulation for the Thermal and Solute Analysis of Unsteady Non-Newtonian on the Oscillating Surface with Natura Convection	• T. SALAHUDDIN • Muhammad AWAIS	Mirpur University of Science and Technology

FRIDAY– May 31, 2024 Cyprus Time 11:00-13:15 (Online)		
SESSION-31, HALL-6/ OTURUM 31, SALON-6 MODERATOR: Irfan MUSTAFA		
TITLE	AUTHORS	AFFILIATION
Synthesis and Characterization of Silica-Chitosan Decorated Magnetic Nanostructure for Wastewater Treatment	• Syed Anam Shaheen ABBAS SHAH • Muhammad SHOAIB • Muhammad YASIN NAZ • Shazia SHUKRULLAH	University of Agriculture Faisalabad
The Biological Activity of Mesoporous Materials	• Boughedir NADIA	Université de Tlemcen
Exploring Chat-GPT'S Pivotal Role in Shaping the Landscape of Industry 4.0	• Zohaib Hassan SAIN	Superior University
A Theoretical Analysis of Fe2O3-C2H6O2 based Ferrofluid Flow through a Permeable Moving Wedge with Non-Linear Magnetic Field	• Irfan MUSTAFA	Allama Iqbal Open University
The Influence of Local Own-Source Revenue, General Allocation Funds, and Special Allocation Funds on Economic Growth in 15 Districts/Municipalities in West Java Province in 2021-2022	• Nafisah NURSAFANAH • Hendri Hermawan ADINUGRAHA • Muhammad Aris SYAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
Risk Minimization with the Help of Computer Systems	• Aamna Saleem KHAN • Irshad ULLAH	Concordia College and University Delaware
Role of Nanorobotics in Healthcare	• Priyanshi GOYAL	Mangalayatan University
Conservation and Rehabilitation of the Roman Aqueduct of Gadara, the Ancient World Longest Aqueduct System	• Ziad Al SAAD	Yarmouk University-Jordan

FRIDAY– May 31, 2024
Cyprus Time 13:30-15:45
(Online)

SESSION-32, HALL-1/ OTURUM 32, SALON-1
MODERATOR: Niyazi Uğur KOÇKAL

TITLE	AUTHORS	AFFILIATION
The Effect of Plant-Based Extract-Containing Mortars Used in Different Ratios on Performance	• Seda TURAN • Nazlı İpek KUL GÜL • Niyazi Uğur KOÇKAL • Fatih ÖZBAŞ • Selcan KARAKUŞ • Nevin TAŞALTIN	Antalya Belek University
A Research on the Usage Potential of Natural Compounds for the Protection of Wood against Fungi Problems in the Context of Eco-Friendly Wood Preservation Applications	• Selvi Burcu GÜLER • Seden ACUN ÖZGÜNLER	Istanbul Technical University
Investigation of Properties of Mortars Including Plant Extracts as a Waste	• Nazlı İpek KUL GÜL • Seda TURAN • Niyazi Uğur KOÇKAL • Fatih ÖZBAŞ • Selcan KARAKUŞ • Nevin TAŞALTIN	Antalya Belek University
How Can Architectural History Courses Be Made More Attractive: An Alternative Syllabus	• Cemile Feyzan ŞİMŞEK	Ankara Yıldırım Beyazıt University
The Effect of Fly Ash Aggregate Produced by Cold Bonding Method on Mortar Properties	• Niyazi Uğur KOÇKAL • Nazmiye KELEŞ	Akdeniz University
Comparison of the Production and Usage Performance of Container Structures and Earth Structures for Temporary Building	• Evrim SOLHAN • Seden ACUN ÖZGÜNLER	Mimar Sinan Fine Art University
Evaluation of the Effect of Biopolymer Additives on the Performance Properties of Earth Plaster	• Münevver Şeyda KÜÇÜKŞAKAL • Seden ACUN ÖZGÜNLER	Istanbul Technical University
Recreating Parts Produced on 3D Printers with Generative Design	• İskender Emre GÜL • Niyazi Uğur KOÇKAL	Akdeniz University

FRIDAY– May 31, 2024
Cyprus Time 13:30-15:45
(Online)

SESSION-33, HALL-2/ OTURUM 33, SALON-2
MODERATOR: Şirin Gülcen EREN

TITLE	AUTHORS	AFFILIATION
Principles of Post-Disaster Urban Reconstruction and Planning	• Burcu GÜN • Şirin Gülcen EREN	Süleyman Demirel University
Urban Planning of Green Space as Tool of Oppression	• Abdurrahman MOHAMED • Salwa ABEDELAL	Antalya Bilim University
Gauthier Linear City for Urban Development in Gaza, Palestine	• Abdurrahman MOHAMED • Ina'am ELTAWIL	Antalya Bilim University
Examining the Effects of Regulated Intersections on Urban Landscape and Urban Transportation	• Duygu KARABIÇAK GÜNAYDIN • Esra ÖZHANCI	Nevşehir Hacı Bektaş Veli University
Investigation of Sense of Place within the Framework of Conservation Plans and Physical Space in Türkiye	• Emre KOLÇAK • Eti AKYÜZ LEVİ	Dokuz Eylul University
Distinction Between Form-Process and Making-Becoming: Epistemological Foundations of Urban Theories	• Elçin Burcu TEMEL • Rifat Gökhan KOÇYİĞİT	Maltepe University
Urban Rail System Line Planning in Al-Hofuf City, Saudi Arabia	• Ömer ÇÖLOVA • Majid ALJASIM	Karabük University
Rail System Route Planning in Egypt: The Case of Luxor	• Ömer ÇÖLOVA • İbrahim KILIÇ • Aziz KADIOĞLU	Karabük University

FRIDAY– May 31, 2024
Cyprus Time 13:30-15:45
(Online)
SESSION-34, HALL-3/ OTURUM 34, SALON-3
MODERATOR: Gizem DİNÇ

TITLE	AUTHORS	AFFILIATION
Study on Self-Healing Concrete Through Experimentation	• Chayaraju BALASAI • Nadagouda KALYANI	G Pulla Reddy Engineering College
Experimental Study on the Behaviour of Concrete Filled Steel Tubes Subjected to Axial and Lateral Loading	• P. GAJALAKSHMI • Menaka A S	B.S Abdur Rahman Crescent Institute of Science and Technology
Ignition and Burning Rate of Sheanut Shell Briquettes Produced at Moderate Temperature and Die Pressure	• Elinge C.M. • D.Y. Bawa • M. S. Zubairu • Magaji M.B • F. A. Atiku	Kebbi State University of Science and Technology
A Study on Biosorbents for the Removal of in Organic Chemical from Water	• Subhashish Dey	Gudlavalleru Engineering College
A Review on Optimizing Design and Performance of Fiber-Reinforced Concrete	• Deep CHATTERJEE • Subhojit CHATTARAJ • Saheed KHAN • Soumi DEY • Jamuna PATRA	Brainware University
Optimum Design of Reinforced Concrete Cantilever Retaining Walls by Artificial Bee Colony Optimization Algorithm	• Mehdi Shalchi TOUSI	Beyte internatinal University
Microwave-Assisted Catalytic Co-Pyrolysis of Plastic Waste and Used Cooking Oil into Valuable Products as Sustainable Energy Source	• Farzin SHEIKH • Muhammad Yasin NAZ • Shazia SHUKRULLAH • Muhammad Rizwan KHALID	University of Agriculture
Transformation Sharia Finance Industry: the Vital Role of Financial Technology (Fintech) in Central Java	• Aulia Rahma Diniya PUTRI • Hendri Hermawan İNUGRAHA • M. Aris SYAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan

FRIDAY– May 31, 2024
Cyprus Time 13:30-15:45
(Online)
SESSION-35, HALL-4/ OTURUM 35, SALON-4
MODERATOR: Hatice Eda GÜL

TITLE	AUTHORS	AFFILIATION
Educational Context, Abilities and Entrepreneurial Intentions of University Students. Empirical Investigation	• Laura Diaconu MAXIM	University of Iasi
Women in Small Entrepreneurship in Kazakhstan	• Yerkezhan KENZHEALI • Talgatova DILNAZ	K. Sagadiyev University of International Business
Researching the Dynamic of Education Among Women in Kazakhstan	• Suleimenova ANEL	K. Sagadiyev University of International Business
Relatıonshıp Between Hedonıc Lıfestyle and Consumptıve Behavıor in Uın K.H Abdurrahman Wahıd Pekalongan, Indonesıa	• Muhammad Luki FATURROKHMAN • Hendri Hermawan ADINUGRAHA • Muhammad Aris SYAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
Perceived Social Support and Illness Perception in Cardiac Patients Mediating Role of Psychological Morbidity	• Anam ARSHAD • Amarah QURESHI	University Of Management and Technology
The Influence of Population, Education, And Unemployment on The Number of Poor People in Central Java in 2021	• Arinal HUSNA • Hendri Hermawan ADINUGRAHA • Muhammad Aris SAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
Ergonomic Assessment of Workers and Their Tasks in the Metal Casting Industry in North India	• Anmol BHALLA • Harjit SINGH • Harminder SINGH • Pahulpreet SINGH • Himanshu KHANNA • Manish DEV	Guru Nanak Dev University
Exploring the Potential of Online Learning: Opportunities and Challenges	• M. FAUZI • Milatul FATKHIYAH	UIN K.H. Abdurrahman Wahid Pekalongan

FRIDAY– May 31, 2024
Cyprus Time 13:30-15:45
(Online)
SESSION-36, HALL-5/ OTURUM 36, SALON-5
MODERATOR: Kamiar YAZDANI

TITLE	AUTHORS	AFFILIATION
The Role of Fiscal Policy in Promoting Sustainable Economic Growth	• Khabibah DZILKAMIL • Hendri Hermawan ADİNUGRAHA • Muhammad Aris SAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
United for Sustainability: Collaborative Strategies for Global Development	• Ashraful AMIN • Shahareyar EMON • Jahid Hasan RANA • Abdul Kader JELANE	University of Rajshahi
Empowering Economic Development in Gejlig Village Through Village-Owned Enterprises (BUMDes)	• Muhammad Risqi HARYWIBOWO • Hendri Hermawan ADINUGRAHA • M. Aris SAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
Unmasking Misinformation: A Multifaceted Strategy for Fake News Identification and Typology with TF-IDF & Passive Aggressive Classifier	• Mansi PATHAK • Varinder Kaur ATTRI	Guru Nanak Dev University
Impact of Behavioral Biases on Investment Behavior: A Study of Retail Investors	• Ishrat BASHIR • Sushil Kumar MEHTA	Shri Mata Vaishno Devi university
Unveiling Asymmetric Dynamics: Fossil Fuel Consumption and Carbon Emissions in India – Aggregate and Disaggregate Analysis	• Yousuf KHAN • Shadman ZAFAR • Syed Mohd. SHAHZEB • Mohd Azam KHAN	Aligarh Muslim University
Investment Potential for the Transfer of The Archipelago's Ikn in Indonesia	• Diva Nimas RAMADHANI • Hendri Hermawan ADİNUGRAHA • Muhammad Aris SYAFI'I, M.E.I • Happy Sista DEVY, M.M	UIN K.H. Abdurrahman Wahid Pekalongan
Implementation of I'm L Al-Kal M Rules in the Salam Contract in Online Buying and Selling Transactions	• Maryani Ayu RAHMAWATI • Hendri Hermawan ADINUGRAHA • M. Aris SYAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan

FRIDAY– May 31, 2024
Cyprus Time 13:30-15:45
(Online)

SESSION-37, HALL-6/ OTURUM 37, SALON-6
MODERATOR: Alexandrov V.S.

TITLE	AUTHORS	AFFILIATION
Photocatalytic Properties of NiO and ZnO Thin Films for Ecology/Environment Application	• Khemissi LAHOUEL • Meriem GASMI	University of Abbes Laghrour
A Systematic Review of Work-Related Musculoskeletal Disorders in the Foundry Industry and Scope for Ergonomics Design Interventions	• Anmol BHALLA • Harjit SINGH • Harminder SINGH • Pahulpreet SINGH • Himanshu KHANNA • Manish DEV	Guru Nanak Dev University
Development of New Methods of Substance Analysis in Comparison with the Reference Sample	• Alexandrov V.S.	Kazan National Research Technical University named after A.N. Tupolev
Survival Time of Cancer Patients Using Some Distribution	• P. PANDIYAN • G. SATHYAMURTHY • G. SUBASH CHANDRABOSE	Annamalai university
Conservation of Beneficial Insects Through the Insect Hotels	• GUNASEKAR G • SIVASURIYAN K • AJAYDESOUZA V • GOWRI SHANKAR S • PRITHIV R	Annamalai University
Allelochemical Effect on Averrhoa Carambolal Inanatomical Architecture on Wheat Growth	• Syeda Sabika Zahra Naqvi • Syed Mohsan Raza Shah • Zaheer Abbas	University of Education
Using Nanotechnology in Heath science	• Lamia Berkane, Azzeddine Choughrem, Ghania Ahmed, • Dalal Doudi, Mohammed Sadok Derki, • Mohammed Nadjib Derki, • Chikha Maria, • Nadjah Bedida	University of El Oued
Toxic Effect of Microplastics Supplemented Sunflower Meal-Based Diet on The Growth Performance, Body Composition, Nutrient Digestibility and Hematology of Labeo Rohita	• Muhammad AMJAD • Eram RASHID • Syed Makhdoom HUSSAIN • Danish RIAZT • Zeeshan YOUSAF	Government College University

FRIDAY– May 31, 2024
Cyprus Time 16:00-18:15
(Online)
SESSION-38, HALL-1/ OTURUM 38, SALON-1
MODERATOR: Berna ÜSTÜN

TITLE	AUTHORS	AFFILIATION
Examining the Potentials of Media Architecture in Future Architectural and Public Spaces	• Işıl AKSU İŞLEK • Berna ÜSTÜN	Eskisehir Technical University
Examining the Perception of Space through Digital Installations	• Mehmet Akif SUBAŞI • Çiğdem POLATOĞLU SERTER	Yıldız Technical University
Interdisciplinary Nature-Based Collaboration in the Digital Age	• Elif YAMAÇ • Cahide AYDIN İPEKÇİ	Gebze Technical University
A New Complex Network Based Approach for Detection of Arrhythmias in ECG Signals	• Serkan AKSU • Bayram AKGÜL	Bartın University
A Neuroscience-Based Research Strategy for the Effect of Emotions in Architectural Design Thinking	• Sevim Gülen TÜRKER • Dilek YILDIZ ÖZKAN	Istanbul Technical University
A Classification Study on Systems That Provide Automated Control of BIM-Based Building Projects in Computerized Environment According to Building Regulations	• Murat AYDIN	Ankara University
Reflections of Primitive on Contemporary Architecture at the Intersection of Techne and Technology	• Merve ARTKAN • Berna ÜSTÜN	Antalya Bilim University

FRIDAY– May 31, 2024
Cyprus Time 16:00-18:15
(Online)
SESSION-39, HALL-2/ OTURUM 39, SALON-2
MODERATOR: Murat ZENGİN

TITLE	AUTHORS	AFFILIATION
Determination of Flood Risk Areas in Central District of Denizli Province	• Duygu DOĞAN • Murat ZENGİN	Pamukkale University
The Digital Documentation of Cultural Heritage: The Case of Kalaycıoğlu Masjid	• Leyla KADERLİ • Büşra UZASLAN	Erciyes University
Digital Urban Culture between Sustainability and Creativity: Flagship Projects of Dar-ül Mülk for Cultural Tourism	• Feyza TOPÇUOĞLU	Middle East Technical University
Interaction of Cultural Heritage Assets and New Media Art	• Işıl AKSU İŞLEK • Hicran Hanım HALAÇ	Eskisehir Technical University
Color-Urban Identity Relationship in Urban Designs	• Seyhan SEYHAN • Elif BAYRAMOĞLU	Karadeniz Technical University
Designing Urban Spaces as Emotions	• Elif SAĞLIK • Emine Berfin MINKARA	Çanakkale Onsekiz Mart University
The Effect of Transportation on Urban Identity in Urban Areas	• Seyhan SEYHAN • Elif BAYRAMOĞLU	Karadeniz Technical University
The Traces of Landscape in Historical and Touristic Streets: Ayvalık – Cunda (Alibey) Island	• Mahmut Can AST • Elif SAĞLIK	Çanakkale Onsekiz Mart University

FRIDAY– May 31, 2024 Cyprus Time 16:00-18:15 (Online) SESSION-40, HALL-3/ OTURUM 40, SALON-3 MODERATOR: Meryem Bihter Bingül Bulut		
TITLE	AUTHORS	AFFILIATION
Water Efficient Landscape Design for The Sustainability of Water Resources in Urban Areas	• Bilgenur AK • Öner DEMİREL • M. Bihter BİNGÖL BULUT	Kırıkkale University
Examination of Manisa Demirci 83. Yıl Park in Terms of Universal Standards for Disabled People	• Feyza AYDIN ÇOLAKOĞLU • Dilşen ONSEKİZ	Usak University
Generating Concepts in the Process of Environmental Design Projects: The Case of Trabzon Sera lake Resort	• Tuğba DÜZENLİ • Elif Merve ALPAK	Karadeniz Technical University
The Theory of Affordances and Its Relationship with the Environment	• Tuğba DÜZENLİ • Elif Merve ALPAK	Karadeniz Technical University
Turkish Heritage in the Wellness Culture in the City of Eger, North Hungary	• Sándor Földvári	Debrecen University
Sustainable Development and Environmental Protection	• Sreekumar S.L.,	University College TVM
Insights on International Charters and Urban Planning for the Preservation of Historic and Archaeological Sites	• Mohammad JUPER • Naif Adel HADDAD	Hashemite University
VR and edutainment for Cultural Heritage, Architecture and Urban Planning Interpretation & Tourism Promotion	• Hadeel WAHISH • Sara ALJABER • Naif Adel HADDAD	Hashemite University

FRIDAY– May 31, 2024
Cyprus Time 16:00-18:15
(Online)

SESSION-41, HALL-4/ OTURUM 41, SALON-4
MODERATOR Mete Ünal GIRGEN

TITLE	AUTHORS	AFFILIATION
Transportation in Tourism Development in Non-Urban Areas in Nigeria: Faith-Based Interventions	• Favour C. UROKO	University of Nigeria
Interpretation and Intervention in Historic Building as a Street of Art and Graffiti: The Palacio De Mansilla of the UNESCO World Heritage Site of Segovia, Spain	• Mira Naif HADDAD	IE University
Harnessing Ecotourism: A Catalyst for Conservation and Sustainable Community Development in Fragile Ecosystems	• Astitva Kumar RAO	Dr. B. R. Ambedkar National Law University
Recommendations for Sustainable Recreation Development Within the Carpathian Biosphere Reserve	• Natalia HABCHAK • Svitlana MYSHKO	Uzhhorod National University
Sites of Community Importance Versus Protected Areas of National Interest in Romania	• MIHĂILESCU Simona • GHEORGHE Florentina Iuliana • MANU Minodora • ONETE Marilena	Institute of Biology Bucharest of the Romanian Academy
Development of Agroforestry Ecotourism, Mapping of Tourist Objects and Attractions in Pasawaran Regency Lampung Province, Indonesia.	• Erlina Rufaidah • Surnayanti • Machya Kartika Tsani • Sugeng P Harianto • Nuril Atmajaya	, Universitas Lampung
Implementation of Multilingual Translation as a Customer Acquisition Tool for Turkish Hotels	• Vasyl PUZANOV	Zaporizhzhya National University
Analysis of the Influence of the Number of Accommodations, Tourist Attractions, and Transportation Availability on the Number of Domestic Tourist Visits in Central Java Province in 2021	• Laila Fitria Nur RAHMA • Hendri Hermawan ADİNUGRAHA • Muhammad Aris SAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan

FRIDAY– May 31, 2024
Cyprus Time 16:00-18:15
(Online)

SESSION-42, HALL-5/ OTURUM 42, SALON-5
MODERATOR: Tuba Gizem AYDOĞAN

TITLE	AUTHORS	AFFILIATION
The Role of Religious Moderation to Build Harmonious Interreligious Relations Through Cultural Accommodation	• Ardia Puspita DEWI • Hendri Hermawan ADİNUGRAHA • Aris SYAFI'I • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan
"The Cultural Tapestry of Parenting in Pakistan: Insights into 'Pure Life' and Child-Rearing"	• Sareh Larijany • Sani e Zehra	Ahlul Bayt International University
“Alakdan: A Virtual Assistant for Centro Escolar University Processes”	• Dungca, Francis Steven Z. • Garduque, Reymark M., • Reyes, Ellesia Catherine P.	Student at Centro Escolar University
“MiniXplorer: An Image Recognition Mobile Application using Google Machine Learning Kit and Text-to-Speech Integration”	• Brendiz Allain Alamil	Centro Escolar University
Ethical Considerations in Technology Implementation In Various Sectors	• Gowri Shankar S • Ajaydesouza V • Gunasekar G • Kathiravan P • Prithiviraj K	Annamalai University
Driving Brand Leadership: Quality in the Indian Auto Industry	• Mikul • Ishwar Mittal • Rosy Dhall	Maharshi Dayanand University
A Study of Consumer Attitudes and Preferences Regarding Plant-Based Meat Substitutes	• Agata Studenna	KN Nutrition and Nutrition Prevention
Augmented Reality Mobile Applications Design for Mathematics Education: A case study of learning Linear Programming	• Laura Yohana • Asep Septiyono • Suyoto	Universitas Atma Jaya Yogyakarta

FRIDAY– May 31, 2024
Cyprus Time 16:00-18:15
(Online)
SESSION-43, HALL-6/ OTURUM 43, SALON-6
MODERATOR: Dhulasiraman M

TITLE	AUTHORS	AFFILIATION
Production of hydrogen fuel and carbon nanotubes from high-density polyethylene using an in-situ catalytic microwave pyrolysis process	• Bilal Shoukat • Muhammad Yasin Naz • Shazia Shukrullah • Hammad Hussain • Muhammad Shoaib	University of Agriculture Faisalabad
Empowering Health Through IoT-Driven Predictive Monitoring for Cost-Efficient Care	• Dhulasiraman M	R.M.K. Engineering College
Study of the Adsorption of a Basic Dyes on an Activated Carbon Derived from Jujube Cores	• BOUSSALAH Mohammed Ettahar • GUELLA Sofiane • MEDJAHDI Malika	University of Sidi bel Abbes
Quantile Regression Analysis on the New Unit Nadarajah and Haghighi Distribution	• Ayesha Siddique • Farrukh Jamal • Abdus Saboor • Shakaiba Shafiq	The Islamia University of Bahawalpur
Sedimentology and Characterization Physico-Chemical and Textural Properties Textural Properties of Bentonites Kert Neogene Basin	• Ait Hmeid H • Akodad M • El Halim M • Omdi F.E • Baghour M • Skalli A • Chahban M Aalaoul M	Mohamed 1st University
Comparison Study Between Sliding Mode Control and Backstepping Control Of A Wind Power System Based on the DFIG Generator	• Abdelghafour HERIZI • Riyadh ROUABHI • Al hassan BOUSSAG • Abdesattar DJALAB	University of M'sila
A Novel Chaotic Image Encryption Technique Based on Filtering Operation and 4D Hyperchaotic System	• M. Naim, A • Hadj Brahim	University of Sciences and Technology of Oran Mohamed Boudiaf
Smart Electric Vehicle Charging System Integrated with Renewable Sources	• B. PHARM, • A. DINESH BABU	Swedish College of engineering and technology Taxila

FRIDAY– May 31, 2024
Cyprus Time 19:00-21:45
(Online)

SESSION-44, HALL-1 / OTURUM 44, SALON-1
MODERATOR: Asena SOYLUK

TITLE	AUTHORS	AFFILIATION
Analysing The Aesthetic Control Practices Between the Ranges of Centrality-Locality and Recommendation-Prohibition	• Tarık Emre KIRHALLI • Rifat Gökhan KOÇYİĞİT	Mimar Sinan Güzel Sanatlar Üniversitesi
Examining The Concept of Place Attachment in a Temporary Accommodation Space Like Dormitory: Yeditepe University Dormitory Example	• Cansu Aktaş	Yeditepe University
Finite Element Analysis of Adobe Building Components	• Dilara KALLİ • Ali İhsan ÇELİK	Erciyes University
Examination The Effects of Iconic Buildings On Cities	• Güler BAYRAK ALCA • Berrin ŞAHİN DİRİ	Mimar Sinan Fine Arts University
Earthquake Caused Embodied Energy Potential of Demolition WasteA Case Study in Istanbul	• Ceren ÇAKAR • Cenk Üstündağ	Istanbul Technical University
A Journey with the Senses in Library Design	• Hande EYÜBOĞLU • Serap FAİZ BÜYÜKÇAM	Samsun University
The Role of Vernacular Housing Architecture in Cultural Sustainability: The Bodrum Peninsula Example	• İlayda Demirci • Hümeyra Birol	Dokuz Eylül University
Left Behind: Waste Museums	• Serap FAİZ BÜYÜKÇAM • Hande EYÜBOĞLU	Ondokuz May University

FRIDAY– May 31, 2024
Cyprus Time 19:00-21:45
(Online)
SESSION-45, HALL-2/ OTURUM 45, SALON-2
MODERATOR: Leyla SURİ

TITLE	AUTHORS	AFFILIATION
Architectural Solutions Inspired by Nature and Bringing You Closer to Nature	• Leyla SURİ	Istanbul Commerce University
Shelter Design for Living Species in Terrain Vague	• Deniz Kantar	Istanbul Bilgi University
Spatial Assessment of Bakırköy Ispirtohane, a Renovated Industrial Heritage	• Refia Anıl AĞRILI • Emel İŞLEYEN	Marmara University
Use of Multi-Criteria Decision Support Systems in Reusing of Historical Buildings	• Gülferah ÇORAPÇIOĞLU • Osman Serdar SANCAK	Istanbul Arel University
Planning Surface Runoff Using Green Infrastructure Systems in Urban Waterways	• Nazmiye ERMEYDAN • Serhat ANIKTAR	Istanbul Sabahattin Zaim University
A Cartography of Contemporary Earthen Buildings in Türkiye	• Furkan Taha GEDİKLİ • Işıl RUHİ-SİPAHİOĞLU • Matthieu Joseph PEDERGNANA	TOBB University of Economics and Technology
Spatial/Legal Problems of Cappadocia Troglodytes and Solution Suggestions	• Emine AKCAN ŞİRİN • Ufuk DOĞRUSÖZ	Istanbul Commerce University
Establishing the Post-Disaster Shelter and Belonging Bond	• Selin Rüya ÇAKIR • Ümit Turgay ARPACIOĞLU	Istanbul Gelişim University

FRIDAY– May 31, 2024
Cyprus Time 19:00-21:45
(Online)
SESSION-46, HALL-3/ OTURUM 46, SALON-3
MODERATOR: Ertan DÜZGÜNEŞ

TITLE	AUTHORS	AFFILIATION
Comparative Analysis of Visitor Preferences in Different Status Protected Areas Using Social Media Metrics	• Ertan DÜZGÜNEŞ • Duygu KARABIÇAK GÜNAYDIN	Karadeniz Technical University
Analysis of Natural Children's Playgrounds from an Ecological Perspective	• Duygu KARABIÇAK GÜNAYDIN • Ertan DÜZGÜNEŞ	Karadeniz Technical University
Evaluation of the Use of Virtual and Augmented Reality Technologies in the Presentation of Cultural Heritage Sites in the Context of Conservation Principles	• Merve Aslı KARA YÜKSEL	Maltepe University
Nature and Ecosystem Based Solutions in Urban Areas	• Burçin EKİCİ • Tuğba ARSLAN	Tekirdağ Namık Kemal University
Conservation of Historical Roads and Cultural Route Concept: The Case of Eğirdir District	• Merve YILMAZ • Elvan Ebru OMAY POLAT	Yıldız Technical University
Landscape Planning	• Muhammad MUHAMMAD	Cairo University
Watershed Planning	• Khamisu ABDULLAHI	UIN K.H. Abdurrahman Wahid Pekalongan

FRIDAY– May 31, 2024
Cyprus Time 19:00-21:45
(Online)

SESSION-47, HALL-4/ OTURUM 47, SALON-4

MODERATOR: Mert ÇAKIR

TITLE	AUTHORS	AFFILIATION
Determination of The Effects of Biostimulant and Nitrogen Applications on The Establishment of Bermuda Grass from Sprigs	• Bora Mert ŞAHİN • Bahar SANCAR • Songül SEVER MUTLU	Akdeniz University
The Effects of Biostimulant and Fertilizer Applications on The Winter Dormancy of Bermudagrass (*Cynodon dactylon* L. Pers)	• Yakup SEVGİN • Bahar SANCAR • Songül SEVER MUTLU	Akdeniz University
Effects of Artificial Intelligence Supported Smart Irrigation Systems on Water Efficiency and Plant Production	• Gülcay ERCAN OĞUZTÜRK • Şüheda TAMER • Meryem YURTSEVEN	Recep Tayyip Erdoğan University
The Role of Building Integrated Agriculture Systems as Potential Food Production Areas in Ecological Building Design	• Beyza Aleyna BAYRAM • Pınar KISA OVALI	Trakya University
Impact Assessment of Climate Change on Rice Crop in the Main Areas of Pakistan	• Muhammad Umer HAMEED • Syed Aftab WAJID • Iqra Ali AHMAD	University of Agriculture Faisalabad
Agroforestry Tree Cover Change in Agricultural Landscapes Following Farmland Exclosure in Tigray, Ethiopia	• Gebremariam YAEBIYO • Emiru BIRHANE • Tewodros TADESSE • Abbadi GIRMAY • Kiros MELES HADGU • Solomon KIROS	Tigray Agricultural Research Institute
Tuberculosis is a Threat to Olive Trees	• Fedwa BEGHDADI • El-Hadj DRICHE	Hassiba Benbouali University of Chlef
Leveraging ICT and AI for Sustainable Precision Agriculture in Pakistan- Greenai	• Muhammad FAISAL	Asian Countries General Coordinator

FRIDAY– May 31, 2024
Cyprus Time 19:00-21:45
(Online)
SESSION-48, HALL-5/ OTURUM 48, SALON-5
MODERATOR: Çağla AYDEMİR

TITLE	AUTHORS	AFFILIATION
Development of Computer Technology-Based Elementary School Learning Media in The Modern Era	• Nila SA'ADAH • Hendri HERMAWAN ADINUGRAHA • M. ARIS SYAFI'I • Happy SISTA DEVI	UIN K.H. Abdurrahman Wahid Pekalongan
Embracing Diversity: Promoting Inclusivity in Classroom Environments for Visually Impaired Students	• Sadhna JAIN • Baldev GULATI	University of Delhi
The impact of artificial intelligence technology on education management and educational jobs	• Mahmoud KIASATI	Cairo University
Social Cohesion and Solidarity: The Impact of Rehabilitation Beyond Housing	• Francisca MACHADO	University of Minho
Virtual Augmented and Mixed Reality to Improve Education Systems	• Mutaz Mohammed ABUHASHISH • Leyla MURADKHANLI • Mohammad Ali AL QUDAH	Khazar University
Friend or Foe? Assessing the Impact of Plagiarism Detection Software on Writing Instruction	• Zohaib Hassan SAIN	Superior University
Addressing Psychosocial Challenges Through Action: A Fieldwork Experience in Community	• Mohd KAIF • Qurratul AIN ALI	Medicine Department, Aligarh Muslim University
Batang Integrated Industrial Estate: Opportunities and Challenges for a Sustainable Economic Future	• Aulia Isna Shinta WATI • Hendri Hermawan ADINUGRAHA • M. Aris SYAFI' • Happy Sista DEVY	UIN K.H. Abdurrahman Wahid Pekalongan

FRIDAY– May 31, 2024
Cyprus Time 19:00-21:45
(Online)

SESSION-49, HALL-6/ OTURUM 49, SALON-6

MODERATOR: İlayda TÜRKER

TITLE	AUTHORS	AFFILIATION
The Impact of Lactobacillus in fruit and Vegetable Coating on Food Safety and Shelf Life	• Narges FATHABADIBOZCHELOEI • Zahra REZAPOUR	Islamic Azad University
Health-Related Behavior of Students in University of Ilesa	• P. F. ADEKUNLE	University of Ilesa
Comparative Study of Cellulose Based Adsorbents: A review	• Chajid Mohamed AMINE • El Bouari ABDESLAM • Tanane OMAR	Hassan II University of Casablanca
Using *Sorghum bicolor* L. (Moench) in the Phytoremediation of Heavy Metal Contaminated Industrial Landscapes of Katsina, Nigeria, for Environmental Sustainability	• Yahaya Yunusa RIKO • Zubairu Umar DARM • Kamaluddeen KABIR	Umaru Musa ‘Yar’adua University
Contemporary Trends of the Energy Economy in Georgia	• Maka JISHKARIANI	Georgian Technical University
Experimental and Computational Study of Annealed Nickel Sulfide Quantum Dots for Catalytic and Antibacterial Activity	• Sawaira MOEEN • Muhammad IKRAM • Ali HAIDER	UIN K.H. Abdurrahman Wahid Pekalongan
The Impact of Lactobacillus in Fruit and Vegetable Coating on Food Safety and Shelf Life	• Narges FATHABADIBOZCHELOEI • Zahra REZAPOUR	Islamic Azad University

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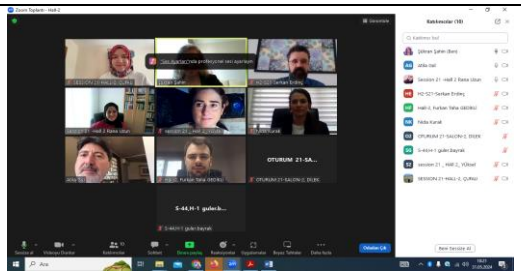


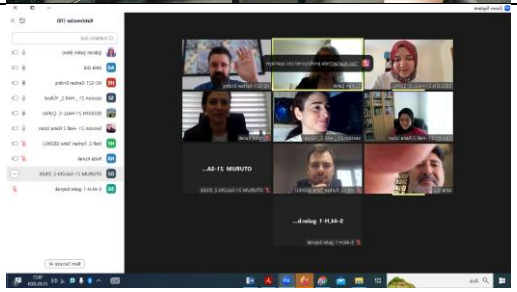


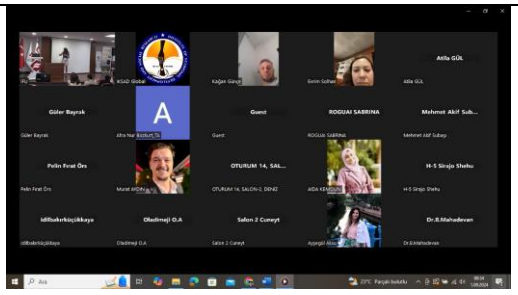

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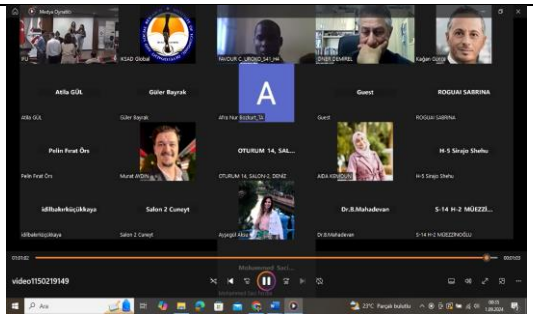


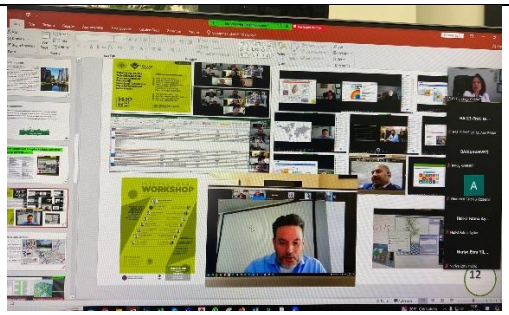


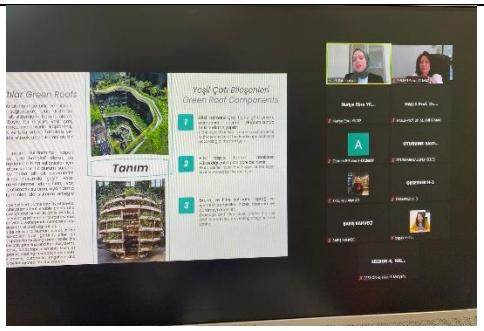


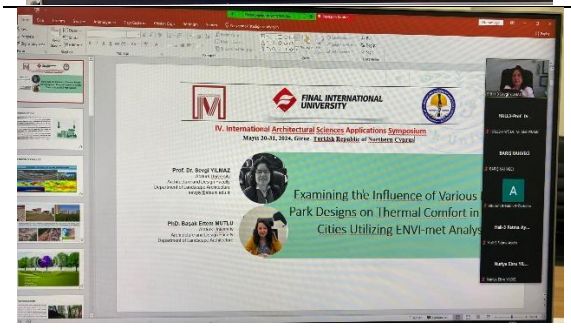


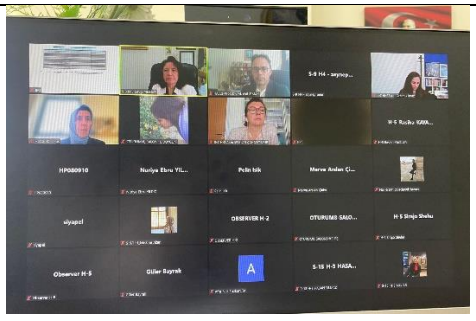







Tanım


FINAL INTERNATIONAL UNIVERSITY
IV. International Architectural Sciences Applications Symposium
Examining the Influence of Various
Park Designs on Thermal Comfort in
Cities Utilizing ENVI-met Analys



IV. International Architectural Sciences and Applications Symposium
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ABSTRACT LIST

TITLE	AUTHORS	Page No
Smart Hotel Design of the Future: Case of Northern Cyprus	• Soad Abokhamis Mousavi • Nafiya Guden	100
Architectural Adaptations of Emerging Nomadic Lifestyles in the New Digital Age	• Mulham Hritani • Kasra Talebian • Aminreza Iranmanesh	101
Cultural Heritage Database: Presentation, Interpretation, and Expectations of Digitized Cultural Heritage in Virtual Museums	• Betül Gelengül Ekimci	102
Advancing Sustainable Tourism Practices in Northern Cyprus: Opportunities and Challenges	• Farzad Safaeimanesh • Nafiya Guden	103
The Significance of Building Information Modeling (BIM) in Construction Management: A Perspective of Undergraduate Civil Engineering Students	• Gizem Şimşir • Ahmet Tuz	104
Interaction of Urban Space and Everyday Life	• Seda Kaplan Çinçin	105
Architectural Representation and Presentation of Modern Housing Architecture, 1950's	• Seda Kaplan Çinçin	106
Teaching Sustainable Architectural Design with BIM	• Salih Ofluoğlu	107
Legislation on Energy Efficiency Practices in Buildings Proposal for TRNC	• Kerem Akkaya	108
Documentation of Earthquake Damages over the Years and Restoration Recommendations for the Historic Malatya Teze Mosque	• Lale Karataş	109

Changing Concepts of Temporality and Permanence in 21st-Century Paradigms	• Orhun Ince • Gülhis Duygun	110
Achieving Sustainable Development Goals (SDGS) Via Energy Security Through Sustainable Practices in Northern Cyprus	• Shahrzad Safaeimanesh • Farzad Safaeimanesh	111
Effects of Anthropogenic Geomorphology on Collective Memory and Space Relationship	• Gülhis Duygun • Elif Yeşim Özgen Kösten	112
Experiences from the Disaster Perspective in Architecture	• Orhun İnce • Gülhis Duygun	113
A Children's Playground Proposal Based on Environmental Characteristics and Demographic Structure	• Nazlı Deniz Ersöz • Mahshid Mikaeil	114
An Architectural Examination of Historical Water Structures in the Esenler District of Istanbul	• Miskine Akar • Selvi Burcu Güler	115
An Inquiry of Traditional Urfa and Ürünlü Built Environment in the Context of Sustainability	• Hasan Doğan	116
Vernacular Architecture Strategies for Building Resilience in Informal Settlements of Bursa	• Rengin Beceren Öztürk • Arzu Ispalar Çahantimur	117
Evaluation of Intensive Roofs in Energy Efficient Building Design and Their Role in Urban Food Security	• Enes Akdeniz • Gülsen Çelen • Fatma Aydın	118
The Effect of the Use of Undefined Urban Landscape Areas as Urban Agricultural Areas on Urban Aesthetics: Rize Fener Coast Case	• Fatma Aydın • Enes Akdeniz	119
Determining the Carbon Storage Potential in Cities Using Geographic Information Systems and Remote Sensing Techniques: The Case of Ankara	• Nuriye Ebru Yıldız • Şükran Şahin	120

Development of Preserving Cultural Heritage Sites Methods in a Large City (Using the Example of Moscow)	• E. A. Karfidova • A. P. Sizov	121
Analysis of the Causes of the Abandonment of Telaga Rawa Jaya Tourist Attraction	• Dyah Purbaningrum • H. Hermawan Adinugraha • Muhammad Aris Safi'i • Happy Sista Devy	122
Exploring the Nexus of Technology, Artificial Intelligence & Architecture	• D. Deepika	123
Utilizing Python for Customizable 3D Modeling of Frame Structure Buildings: A Novel Approach to Digital Fabrication and 3D Printing	• Muneeb Hassan	124
Opportunities for the Use of Artificial Intelligence in Organisations	• Vivien Vágner	125
Efficient Deep Neural Network Architecture for Practical Underwater Image Enhancement	• Ouafa Benaida • Abdelhamid Louki • Adda Ali Pacha	126
The Role of Planning in Managing Material Resources in Small Scale Business Using De-Rahma Table Water Kaura Namoda Zamfara State, Nigeria.	• Sirajo Shehu	127
Environmental Pollution's Impact on Life and Possible Solutions	• K. Sivasuriyan • G. Gunasekar • S. Gowri Shankar • V. Ajaydesouza • K. Prithiviraj	128
Modeling, Simulation and Analysis of Wind System Based Doubly-Fed Induction Generator(DFIG)	• Gherari Chaima • Berrezzek Ferid • Khaled Khelil	129
Social Economic Harmonization in Multıreligious Communities (Study in Linggoasri Village Indonesia)I	• Muhammad Syukron • Hendri Hermawan Adinugraha	130

Empowering MSME as a Driver of Economic Growth and Improving Economic's Welfare (Case Study of MSME in Kajen Subdistrict)	• M. Bahreiza Dana Putra • H. Hermawan Adinugraha • Muhammad Aris Safi'i • Happy Sista Devy	131
Proficiency of Topical Platelet Rich Plasma with Vacuum Assisted Closure over Platelet Rich Plasma Alone in Diabetic Foot Ulcers –A Clinical Prospective Comparative Study	• Kamal Kumar Arora	132
Fabrication of Metal-Organic Frameworks Based Supercapacitors and Investigation of Its Faradaic and Non-Faradaic Response	• Usama Zahid • Muhammad Ramzan Khawar • Yasir Javed • Dongwhi Choi	133
Comparative Study of the Structural and Vibrational Properties of Dy2mmno6 Double Perovskites with M = Ni, Co, and Zn	• Hamza Ouachtouk • Amine Harbi • Chaimaa Moukhfi • Said Azerblou • Youssef Naimi • El Mostafa Tace	134
Effect of Date Seed Powder on Sensory, Nutritional, and Rheological Properties of Moroccan Sourdough Bread	• Elbatoul Hanoune • Ouahiba Laouat • Mohammed Aziz Elhoumaizi	135
Cao-Hap Impregnated by Znal2o4 as a Potential Catalyst for Biodiesel Production	• Amina Ouahbi • Youness Bouhaj • Said Sair • Abdeslam El Bouari • Omar Tanane	136
Crop Biofortification Using Transgenic Approaches	• P. Kathiravan • V. Ajaydesouza • G. Gunasekar • K. Prithiviraj • Gowri Shankar	137
Fractional Order Dynamics for HIV/AIDS Transmission with Migration	• Safae L'kima • Elhoussine Azroul • Abdelouahed Alla Hamou	138
Study of Electronic, Thermodynamic, and Optical Properties of RBSCO2: Ab Initio Calculations	• S. Dahri • A. Jabar • L. Bahmad • L. B. Drissi	139

	• R. Ahl Laamara	
Production and Characterization of Carbon Nanotubes from Biochar Under Microwave Irradiation.	• Faisal Nazir	140
Generation of Hydrogen Using Solar Photoelectrochemical Techniques with Dye Sensitizers.	• Wadiae El Bahrami • Hassan Mabrak • Imane Boumanchar • Youssef Naimi	141
Strengthening Corporate Governance Via Internal Control	• Mohammed Saci Ferdia • Aida Kammoun	142
Analysis of Implementation of Personal Income Tax (pph21) in an Islamic Economic Perspective	• Lisna Nisa Savila • Hendri Hermawan Adinugraha	143
Practical and Rapid Synthesis of Various Chromene-Based Pharmaceutical Products, Assisted by Ag@Co3o4/Alginate as a Heterogeneous Catalyst, Biodegradability, and Efficacy	• Taoufyk Azzeddine • Benhadria Lahoucine • Rezzouq Asiya • Mahfoud Agunaou • Lahoucine Bahsis	144
Field Study on Determining the Impact of Design Decisions on Energy Efficiency at Settlement Scale	• Ceren Aydan Nasır • Elif Özer Yüksel • Seher Güzelçoban Mayuk	145
A Research About Life Cycle Assessment of Inorganic Based of Binders in Terms of Sustainability	• Ecem Köşürgeli • Seden Acun Özgünler	146
From the Cladding Towards the Skin: A Biomimetic Perspective on the Building Envelope	• Zelal Çınar	147
Solar-Related Performance-Oriented Digital Workflow	• Sercan Deniz • Zelal Çinar	148
Accessibility of Traditional Buildings for Elderly Individuals: The Case of Tarsus Burhanoğlu Mansion	• Sena Soyupak • Gökhan Uşma	149

The Role of Urban Planning in Controlling Noise Pollution from Road Transportation	• Barış Kahveci • Muzaffer Yücel	150
An Evaluation on the Relationship Between Spatial Planning and Flood Disaster: The Case of Bozkurt, Kastamonu	• Zarife Demirezen • Yasin Bektaş	151
A Framework for Optimising Passive Indoor Thermal and Visual Comfort in Single-Banked Office Buildings in the Temperate Dry Climate of Nigeria	• Muhammad Aminu Musa • Abubakar Sadiq Salisu	152
A Model for Assessing Urban Texture in Terms of Energy Efficiency and Thermal Comfort	• Mehrdad Karimimoshaver	153
Climate Change and Drought Vulnerability in Northeast Algeria: A Data-Driven Approach to Risk Assessment and Management	• Abderrahmane Ziari • Abderrahmane Medjerab	154
How Climate Change Affects Agricultural Production	• K.R. Padma • K.R. Don	155
Impact of Contrasting Climate Conditions on Pomegranate Development and Productivity: Implications for Breeding and Cultivar Selection in Colder Environments	• Atman Adiba • Abdelmajid Haddioui • Rachid Razouk • Hicham Ouhakki • Anas Hamdani • Hakim Outghouliast • Jamal Charafi	156
Reservoir Simulation of Teapot Dome Classic Reservoir: Comparison of Water Flooding and Gas Flooding	• Azamat Bukayev • Aisha Temirkhan • Masoud Riazia	157
Renewable Resilience: Promoting a Greener World with Sustainable Energy Strategies	• Ashraful Amin • Shahareyar Emon • Jahid Hasan Rana • Abdul Kader Jelane	158
A Review Study on the Acoustics of Contemporary Mosques	• Fatma Yelkenci Sert	159
An Example of Sports Facilities in the Ottoman Empire: Robert College Gymnasium Building	• Tuğba Yılmaz • Zeynep Gül Ünal	160

A Comprehensive Study on the Visual Comfort Conditions of Historical Mosque Buildings	• Fatma Yelkenci Sert	161
Leveraging Machine Learning for Early-Stage Energy Efficiency in Building Design: A Comprehensive Study on Predictive Models	• Hilab Manal	162
Harmonizing Efficiency and Comfort: Unveiling Optimal Genetic Algorithm Parameters for Sustainable Building Design	• Hilab Manal	163
Townhouse Design Solves the Problems of Tropical Climate, Save Energy and Ensure Thermal Comfort	• Bui Man Nghi • Dao Thanh Tam	164
Advancements in Intelligent Optimization for Building Design: A Comprehensive Overview of Nature-Inspired Methods	• Hilab Manal	165
Thermal Comfort in Commercial Buildings: A Comprehensive Study on Building Performance and Environmental Impact	• Hilab Manal	166
Efficacy of Aloe Vera Supplemented Canola Meal Based Diets on Growth Performance, Nutrient Digestibility and Carcass Composition of Catla Catla Fingerlings	• Muhammad Amjad • Syed Makhdoom Hussain • Zeeshan Yousaf • Muhammad Mahmood • Adan Naeem • Eman Nameem	167
The Voigt Model is Used to Homogenize High-Performance Concrete by Adding Fine Particles of Sheep Bone to Replace Fine Sand and Minimize Porosity.	• Abdelmoutalib Benfrid • Mohamed Bachir Bouiadjra	168
Simulatıon Model of a Single-Phase Inverter Usıng SPWM Unipolar Technique	• Ramzi El Idrissi • Abdelkabir Bacha • Fatima Lmai	169
Socioeconomics Factors Affecting Access to Medications and Pharmacy Services	• R. Vidhyalakshmi • K. Rajaganapathy	170

Investigation of Structural, Microstructural and Optical Properties of ZNO, ZN0.90CO0.05M0.05o (M= Na, Al, Cd, Cu) Thin Films by Usp Method.	• Sabrina Roguai • Abdelkader Djelloul	171
Formulation and Evaluation of Anti Diabetic Activity of Herbal Anti Diabetic Syrup with Fenugreek	• Hina Khalid • Ayesha Ghias • Aisha Ghulam Mustafa • M. Huzaifa Ali • Mishal Shoaib Dar • Fareeha Nawab	172
An Investigating the Role of Biomimetic Architecture Developments	• Elnaz Farjami* • Shabnam Golkarian • Nafiseh Zamanzadeh	173
Post-War Destruction and Rehabilitation Process: The Example of Syria-Aleppo	• Gülferah Çorapçıoğlu • Rüya Azize	174
Strategies for Urban Renewal in Revitalizing Tudun Ilu Neighborhood, Kaduna, Nigeria	• Aliyu Hassan	175
Investigation of Sustainability Based Assessment Tools in Terms of Urban Landscape Quality	• Wajiha Waheed	176
Urban Planning	• Mustapha Imam Muhammad	177
Historical Environment Protection Plans and Zoning Applications Antalya Province, Ibradi District, Ormana Example	• Hüseyin Cengiz	178
The Potential for the Use of Phase Change Materials in Diverse Climate Zones Across Türkiye	• Rana Uzun • Elif Özer Yüksel	179
A Study to Understand the Management and Design of Green Buildings for Sustainable Development in the City of Bangalore, India	• Ravikeerthi Jangamakote Varadaraju	180
The Role of Architecture in Sustainable Development	• Aminu Danrimi Maikudi	181
Understanding Architecture: More Than Just Buildings.	• Wahaj Haider	182

Exploring Midjourney Parameters in Architectural Design: Chaos, Weird, and Stylize Parameters	• Merve Gözel • Changbae Park	183
Response of High Rise Building Against Earthquake Force and Wind Force Under Different Soil Conditions	• Subhashish Dey	184
Exploring Teachers' Ecological Footprint Awareness	• Ömer Çelikkol • Aytekin Tokgöz	185
Importance of Effective Leadership to Avoid Accidents at Construction Sites	• Subhojit Chattaraj • Sandeepan Saha • Suman Halder • Sudipta Naskar Alok Das	186
Analysis of the Effect of Economic Growth on Poverty Levels in Pekalongan Regency	• Kartikasari • Muhammad Shulthoni • Drajat Stiawan	187
Approaches for Analyzıng Traffıc Accıdent: A Comprehensıve Overvıew	• Khanh Giang Le	188
Smart Traffic Systems Management in Connected Communities: Enhancing Safety and Mobility	• Khanh Giang Le	189
A Solution of Multi Objective Transportation Problem Under Uncertain Environments	• Mohammad Nabeel • Wajahat Ali • Sheema Sadia • Usman Akbar	190
IKN Tests the Technology Resilience of Smart Transportation Systems	• Indah Khoirunisa • Ade Gunawan • Santi Nailul Izaty	191
Noise Pollution Monitoring and Noise Mapping at Rajshahi University, Bangladesh	• Alamgir Hasan • Abul Kalam Azad • Kamruzzaman • Moniruzzaman	192
Antibiotic Pollution in Aquatic Environments: Understanding Environmental Impacts	• Priyanjali Kaushal • Aliza Danish • Pushpanjali Maurya • Gulshi • Shama Akhtar	193

	• Mohd Zeeshan • Abdul Rahman Khan • Saimah Khan	
Fuzzy Logic with Artificial Intelligence in Improving Service Quality in E- Government Applications	• Mohammad Ali Al Qudah • Leyla Muradkhanli • Mutaz Mohammed Abuhashish	194
Economic Problems of Society in the Perspective of Islamic Studies	• Nur Hidayah • Hendri Hermawan Adinugraha • Muhammad Aris Safi'i • Happy Sista Devy	195
Compensation Management and Employee Performance in the Federal Polytechnic, Ilaro, Nigeria	• Wasiu Abiodun Makinde	196
The Role of Fiscal Policy in Reducing Poverty in Indonesia	• Neki Barokah • Hendri Hermawan Adinugraha • M. Aris Syafi'i • Happy Sista Devi	197
Ijarah and Implementation in Sharia Banking	• Lailatussifa • Hendri Hermawan Adinugraha • Muhammad Aris Syafi'i • Happy Sista Devy	198
Healthcare Financing in the Context of South Asian Countries	• Azhar Jan • Meenakshi Gupta • Sheikh Aftaab-Ul-Maroof	199
The Impact of the Growth of Sharia Insurance on the Indonesian Economy	• Arziyah Windri Windasari • Hendri Hermawan Adinugraha • M.Aris Syafi'i • Happy Sista Devi	200
Structural System Optimization on Planets with Different Gravitational Accelerations	• Serra Çelik Kıratli • Ali Osman Kuruşcu	201
Institutionalization of Contemporary Building Materials in Turkish Architecture: State Organizations and Regulations	• Sümeyye Korkmaz • Zafer Sağdiç	202

Thermodynamic Optimization of Tb–Ni Binary System Supported by Dft Calculations	• Z. Rahou • D. Moustaine • Y. Ben-Ali • A. Hallaoui	203
Managerial Coaching and Subordinates' Work Behavior: Empirical Study at Malaysia's Public Department	• Nur Izzaty Mohamad • Suhaila Abdullah	204
A Study on Biosorbents for the Removal Ofchloride Ion from Water	• Subhashish Dey • Pradesh India	205
Improving Performance: Evaluating and Optimizing a 70 MW Thermal Power Plant Through Energy Audits	• Deepak Rathod • Ankit Tiwari	206
Mission Drift of Microfinance Institutions in India: Is it Real?	• Anupama Rajput • Janki Devi • Bhawna Rajput • Aditi Mahavidyalaya	207
Optimal Power Conversion Efficiency of Perovskite Solar Cells	• Aisha Shaikh • Pervez Hameed Shaikh • Shoaib Ahmed Khatri	208
Experimental Investigations on Performance of Biomedical Ash in Concrete	• Subhashish Dey	209
Interaction Between the Turbulent Natural Convection of Silverbased Nanofluids and Magnetic Fields in a Rectangular Cavity	• Zakaria Lafdaili* • Sakina EL-Hamdani • Mohamed El Hattab • Lahoucine Belarche	210
Mechanical Properties of Sandcrete Blocks Used for Building Construction in Ilaro Township of Ogun State, Nigeria	• Olugbenga Babajide Soyemi • Elizabeth Tofunmi Ojelabi	211
Ceramic Tile Composition and Technological Properties Based on Moroccan Dark Clays	• Ayoub Imgirne • Youssef Arkame • Achraf Harrati • Abdelilah El Haddar • Aboubakar Moustapha • Chaouki Sadık	212

Study of Insulation Scenarios Using an Ecological Material as a Sustainable Solution for Comfortable and Efficient Buildings: The Case of Moroccan Buildings	• Hicham Kaddouri • Ayoub Bouchark • Abderrahim Abidouche	213
Comparison Effect of Single and Combined Applications of Municipal Sewage Sludge and Triple Superphosphate on Some Growth Traits of Quinoa Under Saline Condition	• Hadis Hatami • Hossein Parvizi • Amir Parnian • Hossein Beyrami	214
Removal of Pharmaceutical Drugs from Binary Mixtures by Use of Nanocomposite: Experimental and Molecular Modeling Study	• Salaa Fahima • Benabbou Asmae • Medjdoub Aicha • Khelifa Amine	215
Green Tea –An Antioxidant Mystic Herb	• A. Dinesh Babu • R. Jothilakshmi • R. Srinivasan	216
The Algerian Desert is a Rich Source of Actinobacteria with Important Biotechnological Activities	• Fedwa Beghdadi • El-Hadj Driche	217
Fire Blight Disease is a Threat to the Crop of Apple and Pear Trees	• Fedwa Beghdadi • El-Hadj Driche	218
Isolation and Identification of Actinobacteria from Algerian Saharan Soil	• Fedwa Beghdadi • El-Hadj Driche	219
Effect of Chromium (Cr) on Phase Transformation Behavior of Fe-20MN-6Si Shape Memory Alloy	• Junaid Khan • Rana Atta Ur Rahman • Shahid Mehmood • Rehman Khan	220
Numerical Simulation for the Thermal and Solutal Analysis of Unsteady Non-Newtonian on the Oscillating Surface with Natural Convection	• T. Salahuddin, Muhammad Awais	221
Synthesis and Characterization of Silica- Chitosan Decorated Magnetic Nanostructure for Wastewater Treatment	• Syed Anam Shaheen Abbas Shah • Muhammad Shoaib • Muhammad Yasin Naz • Shazia Shukrullah	222
The Biological Activity of Mesoporous Materials	• Boughedir Nadia	223

Exploring Chat-GPT's Pivotal Role in Shaping the Landscape of Industry 4.0	• Zohaib Hassan Sain	224
A Theoretical Analysis of Fe2o3-C2h6o2 Based Ferrofluid Flow Through a Permeable Moving Wedge with Non- Linear Magnetic Field	• Irfan Mustafa	225
The Influence of Local Own-Source Revenue, General Allocation Funds, and Special Allocation Funds on Economic Growth in 15 Districts/Municipalities in West Java Province in 2021-2022	• Nafisah Nursafanah • Hendri Hermawan Adinugraha • Muhammad Aris Syafi'i • Happy Sista Devy	226
Role of Nanorobotics in Healthcare	• Priyanshi Goyal	227
Conservation and Rehabilitation of the Roman Aqueduct of Gadara, the Ancient World Longest Aqueduct System	• Ziad Al Saad	228
Urban Planning of Green Space as Tool of Oppression	• Abdurrahman Mohamed • Salwa Abedelal	229
Gauthier Linear City for Urban Development in Gaza, Palestine	• Abdurrahman Mohamed • Ina'am Eltawil	230
Examining the Effects of Regulated Intersections on Urban Landscape and Urban Transportation	• Duygu Karabıçak Günaydin • Esra Özhancı	231
Study on Self-Healing Concrete Through Experimentation	• Chayaraju Balasai • Nadagouda Kalyani	232
Experimental Study on the Behaviour of Concrete Filled Steel Tubes Subjected to Axial and Lateral Loading	• P. Gajalakshmi • Menaka A S	233
Ignition and Burning Rate of Sheanut Shell Briquettes Produced at Moderate Temperature and Die Pressure	• Elinge C. M. • D.Y. Bawa • M. S. Zubairu • Magaji M.B • F. A. Atiku	234

A Study on Biosorbents for the Removal of in Organic Chemical from Water	• Subhashish Dey	235
A Review on Optimizing Design and Performance of Fiber-Reinforced Concrete	• Deep Chatterjee • Subhojit Chattaraj • Saheed Khan • Soumi Dey • Jamuna Patra	236
Optimum Design of Reinforced Concrete Cantilever Retaining Walls by Artificial Bee Colony Optimization Algorithm	• Mehdı Shal Chi Tousi	237
Microwave-Assisted Catalytic Co- Pyrolysis of Plastic Waste and Used Cooking Oil Into Valuable Products as Sustainable Energy Source	• Farzin Sheikh • Muhammad Yasin Naz • Shazia Shukrullah • Muhammad Rizwan Khalid	238
Transformation Sharia Finance Industry: The Vital Role of Financial Technology (Fintech) in Central Java	• Aulia Rahma Diniya Putri • Hendri Hermawan Inugraha • M. Aris Syafi'i • Happy Sista Devy	239
Educational Context, Abilities and Entrepreneurial Intentions of University Students. Empirical Investigation	• Laura Diaconu Maxim	240
Women in Small Entrepreneurship in Kazakhstan	• Yerkezhan Kenzheali • Talgatova Dilnaz	241
Relationshıp Between Hedonic Lifestyle and Consumptive Behavior in Uin K.H Abdurrahman Wahid Pekalongan, Indonesia	• Muhammad Luki Faturrokhman • Hendri Hermawan Adinugraha • Muhammad Aris Syafi'i • Happy Sista Devy	242
Perceived Social Support and Illness Perception in Cardiac Patients Mediating Role of Psychological Morbidity	• Anam Arshad • Amarah Qureshi	243
The Influence of Population, Education, and Unemployment on the Number of Poor People in Central Java in 2021	• Arinal Husna • Hendri Hermawan Adinugraha • Muhammad Aris Safi'i • Happy Sista Devy	244

Ergonomic Assessment of Workers and Their Tasks in the Metal Casting Industry in North India	• Anmol Bhalla • Manish Dev	245
Exploring the Potential of Online Learning: Opportunities and Challenges	• M. Fauzi • Milatul Fatkhiyah	246
The Role of Fiscal Policy in Promoting Sustainable Economic Growth	• Khabibah Dzilkamil • Hendri Hermawan Adinugraha • Muhammad Aris Safi'i • Happy Sista Devy	247
United for Sustainability: Collaborative Strategies for Global Development	• Ashraful Amin • Shahareyar Emon • Jahid Hasan Rana • Abdul Kader Jelane	248
Empowering Economic Development in Gejlig Village Through Village-Owned Enterprises (Bumdes)	• Muhammad Risqi Harywibowo • Hendri Hermawan Adinugraha • M. Aris Safi'i • Happy Sista Devy	249
Unmasking Misinformation: A Multifaceted Strategy for Fake News Identification and Typology with Tf-Idf & Passive Aggressive Classifier	• Mansi Pathak • Varinder Kaur Attri	250
Impact of Behavioral Biases on Investment Behavior: A Study of Retail Investors	• Ishrat Bashir • Sushil Kumar Mehta	251
Unveiling Asymmetric Dynamics: Fossil Fuel Consumption and Carbon Emissions in India – Aggregate and Disaggregate Analysis	• Yousuf Khan • Shadman Zafar • Syed Mohd. Shahzeb • Mohd Azam Khan	252
Investment Potential for the Transfer of the Archipelago's Ikn in Indonesia	• Diva Nimas Ramadhani • Hendri Hermawan Adinugraha • Muhammad Aris Syafi'i, • Happy Sista Devy	253
Implementation of I'm L Al-Kal M Rules in the Salam Contract in Online Buying and Selling Transactions	• Maryani Ayu Rahmawati • Hendri Hermawan Adinugraha • M. Aris Syafi'i • Happy Sista Devy	254

Photocatalytic Properties of Nio and Zno Thin Films for Ecology/Environment Application	• Khemissi Lahouel • Meriem Gasmi	255
A Systematic Review of Work-Related Musculoskeletal Disorders in the Foundry Industry and Scope for Ergonomics Design Interventions	• Anmol Bhalla • Harjit Singh • Harminder Singh • Pahulpreet Singh • Himanshu Khanna • Manish Dev.	256
Development of New Methods of Substance Analysis in Comparison with the Reference Sample	• Alexandrov V.S.	257
Survival Time of Cancer Patients Using Some Distribution	• P. Pandiyan • G. Sathyamurthy • G. Subash Chandrabose	258
Conservation of Beneficial Insects Through the Insect Hotels	• Gunasekar G • Sivasuriyan K • Ajaydesouza V • Gowri Shankar S • Prithiv R	259
Allelochemical Effect on Averrhoa Carambolal in Anatomical Architecture on Wheat Growth	• Syeda Sabika Zahra Naqvi • Syed Mohsan Raza Shah • Zaheer Abbas	260
Using Nanotechnology in Heath Science	• Lamia Berkane • Azzeddine Choughrem • Ghania Ahmed • Dalal Doudi • Mohammed Sadok Derki • Mohammed Nadjib Derki • Chikha Maria • Nadjah Bedida	261
A New Complex Network Based Approach for Detection of Arrhythmias in Ecg Signals	• Serkan Aksu • Bayram Akgül	262
A Neuroscience-Based Research Strategy for the Effect of Emotions in Architectural Design Thinking	• Sevim Gülen Türker • Dilek Yıldız Özkan	263

A Classification Study on Systems That Provide Automated Control of Bim-Based Building Projects in Computerized Environment According to Building Regulations	• Murat Aydın	264
Determination of Flood Risk Areas in Central District of Denizli Province	• Duygu Doğan • Murat Zengin	265
Examination of Manisa Demirci 83. Yıl Park in Terms of Universal Standards for Disabled People	• Feyza Aydin Çolakoğlu • Dilşen Onsekiz	266
Turkish Heritage in the Wellness Culture in the City of Eger, North Hungary	• Sándor Földvári	267
Sustainable Development and Environmental Protection	• Sreekumar S.L.,	268
Vr and Edutainment for Cultural Heritage, Architecture and Urban Planning Interpretation & Tourism Promotion	• Hadeel Wahish • Sara Aljaber • Naif Adel Haddad	269
Interpretation and Intervention in Historic Building as a Street of Art and Graffiti: The Palacio De Mansilla of the Unesco World Heritage Site of Segovia, Spain	• Mira Naif Haddad	270
Harnessing Ecotourism: A Catalyst for Conservation and Sustainable Community Development in Fragile Ecosystems	• Astitva Kumar Rao	271
Recommendations for Sustainable Recreation Development within the Carpathian Biosphere Reserve	• Natalia Habchak • Svitlana Myshko	272
Sites of Community Importance Versus Protected Areas of National Interest in Romania	• Mihăilescu Simona • Gheorghe Florentina Iuliana • Manu Minodora • Onete Marilena	273

Implementation of Multilingual Translation as a Customer Acquisition Tool for Turkish Hotels	• Vasyl Puzanov	274
Analysis of the Influence of the Number of Accommodations, Tourist Attractions, and Transportation Availability on the Number of Domestic Tourist Visits in Central Java Province in 2021	• Laila Fitria Nur Rahma • Hendri Hermawan Adinugraha • Muhammad Aris Safi'i • Happy Sista Devy	275
The Role of Religious Moderation to Build Harmonious Interreligious Relations Through Cultural Accommodation	• Ardia Puspita Dewi • Hendri Hermawan Adinugraha • Aris Syafi'i • Happy Sista Devy	276
The Cultural Tapestry of Parenting in Pakistan: Insights Into 'Pure Life' and Child- Rearing	• Sareh Larijany • Sani E. Zehra	277
Alakdan: A Virtual Assistant for Centro Escolar University Processes	• Dungca, Francis Steven Z. • Garduque, Reymark M., • Reyes, Ellesia Catherine P. • Eliza B. Ayo	278
Minixplorer: An Image Recognition Mobile Application Using Google Machine Learning Kit and Text-To-Speech Integration	• Brendiz Allain Alamil	279
Ethical ConsiderationsIn Technology Implementation in Various Sectors	• Gowri Shankar S • Ajaydesouza V • Gunasekar G • Kathiravan P • Prithiviraj K	280
Driving Brand Leadership: Quality in the Indian Auto Industry	• Mikul • Ishwar Mittal • Rosy Dhall	281
A Study of Consumer Attitudes and Preferences Regarding Plant-Based Meat Substitutes	• Agata Studenna	282
Augmented Reality Mobile Applications Design for Mathematics Education: A Case Study of Learning Linear Programming	• Laura Yohana • Asep Septiyono • Suyoto	283

Production of Hydrogen Fuel and Carbon Nanotubes from High-Density Polyethylene Using an In-Situ Catalytic Microwave Pyrolysis Process	• Bilal Shoukat • Muhammad Yasin Naz • Shazia Shukrullah • Hammad Hussain • Muhammad Shoaib	284
Empowering Health Through Iot-Driven Predictive Monitoring for Cost-Efficient Care	• Dhulasiraman M.	285
Study of the Adsorption of a Basic Dyes on an Activated Carbon Derived from Jujube Cores	• Boussalah Mohammed Ettahar • Guella Sofiane • Medjahdi Malika	286
Quantile Regression Analysis on the New Unit Nadarajah and Haghighi Distribution	• Ayesha Siddique • Farrukh Jamal • Abdus Saboor • Shakaiba Shafiq	287
Sedimentology And Characterization Physico-Chemical And Textural Properties Textural Properties Of Bentonites Kert Neogene Basin	• Ait Hmeid H • Akodad M • El Halim M • Omdi F.E • Baghour M • Skalli A • Chahban M • Aalaoul M	288
Comparison Study Between Sliding Mode Control and Backstepping Control of a Wind Power System Based on the Dfig Generator	• Abdelghafour Herizi • Riyadh Rouabhi • Al Hassan Boussag • Abdesattar Djalab	289
A Novel Chaotic Image Encryption Technique Based on Filtering Operation and 4D Hyperchaotic System	• M. Naim • Hadj Brahim	290
Analysing the Aesthetic Control Practices Between the Ranges of Centrality-Locality and Recommendation-Prohibition	• Tarık Emre Kırhallı • Rıfat Gökhan Koçyiğit	291
Examining the Concept of Place Attachment in a Temporary Accommodation Space Like Dormitory: Yeditepe University Dormitory Example	• Cansu Aktaş	292
Examination the Effects of Iconic Buildings on Cities	• Güler Bayrak Alcal • Berrin Şahin Diri	293

Shelter Design for Living Species in Terrain Vague	• Deniz Kantar	294
Spatial Assessment of Bakırköy Ispirtohane, a Renovated Industrial Heritage	• Refia Anıl Ağrılı • Emel Işleyen	295
Use of Multi-Criteria Decision Support Systems in Reusing of Historical Buildings	• Gülferah Çorapçıoğlu • Osman Serdar Sancak	296
A Cartography of Contemporary Earthen Buildings in Türkiye	• Furkan Taha Gedikli • Işıl Ruhi-Sipahioğlu • Matthieu Joseph Pedergnana	297
Spatial/Legal Problems of Cappadocia Troglodytes and Solution Suggestions	• Emine Akcan Şirin • Ufuk Doğrusöz	298
Comparative Analysis of Visitor Preferences in Different Status Protected Areas Using Social Media Metrics	• Ertan Düzgüneş • Duygu Karabıçak Günaydın	299
Nature and Ecosystem Based Solutions in Urban Areas	• Burçin Ekici • Tuğba Arslan	300
Conservation of Historical Roads and Cultural Route Concept: The Case of Eğirdir District	• Merve Yılmaz • Elvan Ebru Omay Polat	301
Landscape Planning	• Muhammad Muhammad	302
Watershed Planning	• Khamisu Abdullahi	303
Impact Assessment of Climate Change on Rice Crop in the Main Areas of Pakistan	• Muhammad Umer Hameed • Syed Aftab Wajid • Iqra Ali Ahmad	304
Agroforestry Tree Cover Change in Agricultural Landscapes Following Farmland Exclosure in Tigray, Ethiopia	• Gebremariam Yaebiyo • Emiru Birhane • Tewodros Tadesse • Abbadi Girmay • Kiros Meles Hadgu • Solomon Kiros	305

Tuberculosis is a Threat to Olive Trees	• Fedwa Beghdadi • El-Hadj Driche	306
Development of Computer Technology- Based Elementary School Learning Media in the Modern Era	• Nila Sa'adah • Hendri Hermawan Adinugraha • M.Aris Syafi'i • Happy Sista Devi	307
Embracing Diversity: Promoting Inclusivity in Classroom Environments for Visually Impaired Students	• Sadhna Jain • Baldev Gulati	308
The Impact of Artificial Intelligence Technology on Education Management Nd Educational Jobs	• Mahmoud Kiasati	309
Virtual Augmented and Mixed Reality to Improve Education Systems	• Mutaz Mohammed Abuhashish • Leyla Muradkhanli • Mohammad Ali Al Qudah	310
Friend or Foe? Assessing the Impact of Plagiarism Detection Software on Writing Instruction	• Zohaib Hassan Sain	311
Addressing Psychosocial Challenges Through Action: A Fieldwork Experience in Community	• Mohd Kaif • Qurratul Ain Ali	312
Batang Integrated Industrial Estate: Opportunities and Challenges for a Sustainable Economic Future	• Aulia Isna Shinta Wati • Hendri Hermawan Adinugraha • M. Aris Syafi' • Happy Sista Devy	313
The Impact of Lactobacillus in Fruit and Vegetable Coating on Food Safety and Shelf Life	• Narges Fathabadibozcheloei • Zahra Rezapour	314
Health-Related Behavior of Students in University of Ilesa	• P. F. Adekunle	315

Comparative Study of Cellulose Based Adsorbents: A Review	• Chajid Mohamed Amine • El Bouari Abdeslam • Tanane Omar	316
Using *Sorghum bicolor* L. (Moench) in the Phytoremediation of Heavy Metal Contaminated Industrial Landscapes of Katsina, Nigeria, f or Environmental Sustainability	• Yahaya Yunusa Riko • Zubairu Umar Darm • Kamaluddeen Kabir	317
Contemporary Trends of the Energy Economy in Georgia	• Maka Jishkariani	318
Experimental and Computational Study of Annealed Nickel Sulfide Quantum Dots for Catalytic and Antibacterial Activity	• Sawaira Moeen • Muhammad Ikram • Ali Haider	319
Representation Place of the Republic: Reading the Educational Buildings of Isparta City Istasyon Street Through Urban Memory	• Nurcihan Akdağ • Şefika Gülin Beyhan	320
Toxic Effect of Microplastics Supplemented Sunflower Meal-Based Diet on the Growth Performance, Body Composition, Nutrient Digestibility and Hematology of Labeo Rohita	• Muhammad Amjad • Eram Rashid • Syed Makhdoom Hussain • Danish Riaz • Zeeshan Yousaf	321
Leveraging Ict and Ai for Sustainable Precision Agriculture in Pakistan- Greenai	• Muhammad Faisal	322
Study of Ti3C2/CNT Nanocomposite- Based Flexible Paper Electrode for Supercapacitor Applications	• Chetan • Mainak Basu • Vijay Kumar • Sunil Kumar • Jatinder Garg	323
Development of Agroforestry Ecotourism, Mapping of Tourist Objects and Attractions in Pasawaran Regency Lampung Province, Indonesia	• Erlina Rufaidah • Surnayanti • Machya Kartika Tsani • Sugeng P Harianto • Nuril Atmajaya	324

Yoga Tourism as a Type of SIT and Improvement Suggestions: Case of Northern Cyprus	• Mete Ünal Girgen • Naile Soyel	325
Some Natural Isolated Compounds as Anticancer Agents	• Dinessh Babu • S. Kalaivanan • R. Srinivasan	326
Recreating Parts Produced on 3D Printers with Generative Design	• İskender Emre Gül • Niyazi Uğur Koçkal	327
	•	
	•	
	•	

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Full Text List

TITLE	AUTHORS	Page No
Beyond Buildings: Exploring the Interplay of Ecological Dynamics and Urban Spaces	• Şükran Şahin	345-357
Are Carbon Market Instruments Created by Neoliberalism Policies a Solution for Reducing Carbon Emissions?	• Atila Gül • İskender Emre Gül	358-375
Evaluation of BIM Applications in Türkiye	• Elif Hazal Şener • Aysun Ferrah Güner	376-386
Evaluation of BIM Education in Architecture Undergraduate Programs Ranked in the Top 10 Based on the Cohe Score System in Türkiye	• Nafia Büşra Ersavaş • Pelin Karaçar	387-396
A Study on Hygrothermal Performance of Traditional Veneered Timber Framed Exterior Wall in Türkiye	• Seda Nur Alkan • Fatih Yazıcıoğlu	397-407
Adverse Impacts of Recreational Activities on Protected Coastal Ecosystems	• Tendü Hilal Göktuğ	408-428
A Public Opinion Research for Environmental Impacts of the Aydın Railway Line and Its Planning as a Greenway.	• Burhan Eşlik • Tendü Hilal Göktuğ	429-449
Local Identity Values and Analysis of Demre Region (Antalya)	• Atila Gül • Dilara Erdoğan	450-466
An Interactive Digital Platform For Preserving Sociocultural Heritage in Yeşilköy Through Local Participation and Crowdsourcing	• Elif Ece Ilgaz • Ahmet Gün	467-479
Sustainability of Conservation Project of the Residential Buildings at the Historical District of Jeddah	• Emad Eldin Sulaiman • Shabnam Golkarian	480-494
The Role of Urban Green Spaces on Human Health	• Rukiye Duygu Çay • Fatma Aşılıoğlu	495-501

Aesthetic and Functional Evaluation of Planting Design In Bursa Technical University Mimar Sinan Campus	• Onur Aksoy • Kamil Erken	502-514
An Innovative Approach in the Relationship Between Material And Form: In Glass Fiber Reinforced Concrete (GFRC) Applications	• Esra Bayır • Pelin Karaçar • Aysun Ferrah Güner • Zülal Nurdan Korur	515-537
Sustainable Pavements at the Neighborhood Scale	• Fatma Aşılıoğlu • Rukiye Duygu Çay	538-546
Principles of Post-Disaster Urban Reconstruction and Planning	• Burcu Gün • Şirin Gülcen Eren	547-557
Mountain Ecosystem and Recreation Services Examination in the Example of Mount Dedegöl	• Deniz Karakuyu • Murat Akten	558-571
Evidence-Based Design: An Assessment within the Framework of Landscape Architecture	• Nazlı Deniz Ersöz • Gül Sayan Atanur	572-580
Visual Perception Analysis of 3rd Generation Coffee Houses: 'The Case of Akaretler'	• Serhat Aniktar • Elif Nur Uygur	581-597-
Evaluation of Lake Eğirdir and its Coastal Band within the Scope of Blue-Green Infrastructure	• Hüseyin Batuhan Dündar • Murat Akten	598-611
Evaluation of Adaptive Reuse of Historical Buildings in Terms of Sustainability: The Case of Bolu Tabaklar Hamam/Bath	• Filiz Karakuş	612-621
Typological Analysis of the Projection Structure: Sivrihisar Traditional Houses	• Zuhal Kara Sariçiçek • Hicran Hanım Halaç	622-635
Ecological Settlements: The Example of Akpınar Neighborhood	• Ahmet Berk Tahmazoğlu • Demet Irkli Eryildiz	636-659
The Problem of Originality in Historicist Architecture After the 2000s: The Case of Government Mansions	• Elifcan Duygun • Rifat Gökhan Koçyiğit	660-676
The Change of Inegöl City Center From Past to Present and Old Government House Conservation Project	• Seda Çakmak • Zeynep Eres Özdoğan	677-689
Historical Evolution of The Furnishings and Textile Features of Izmit Kasr-ı Hümayun	• Ebru Erdoğan • Tülay Gümüşer	690-698

	• Gülşah Üner	
Reading Bauhaus at the Intersection of Architecture and Weaving	• Tülay Gümüşer • Ebru Erdoğan • Büşra Öztürk	699-711
Analysis of Burdur Cumhuriyet Square with Space Syntax Method	• Tuğba Balks • Berna Güç	712-724
Property, Policy and Actor-Oriented Approach to the Classification of Rental Housing	• Muhammed Cemil Doğan • Ömür Barkul	725-732
An Attempt to Convey the Ekphrastic Space With Artificial Intelligence: Gulliver's Travels	• Meryem Sevde Doğruer • Arzu Özen Yavuz	733-741
Evaluation of the Effects of Wind on Outdoor Thermal Comfort in Rural and Urban Areas	• Mehmet Akif Irmak • Sevgi Yılmaz • Hasan Yılmaz	742-751
Pedestrian-Friendly Street Design Modeling With Wind Simulations in Cold Regions: A Case Study of Dadaşkent	• Sevgi Yılmaz • Mehmet Akif Irmak	752-761
Determining Temporal Changes in the Lakes of the Burdur Basin Using Google Earth Engine	• Nuriye Ebru Yıldız • Barış Kahveci	762-769
Determination of Environmental Awareness Levels of University Students Regarding Climate Change: A Case Study of The Faculty of Architecture at Trakya University	• Afranur Özdemir • Emine Keleş Özgenç	770-781
Examining the Influence of Various Pocket Park Designs on Thermal Comfort in Winter Cities Utilizing ENVI-met Analysis	• Sevgi Yılmaz • Başak Ertem Mutlu	782-788
The Effect of Road Height on Noise Level Under the Canyon Effect	• Derin Hilal Bilmez • Ümit Arpacıoğlu	789- 795
Evaluation of the Carbon Footprint of Thermal Insulation Materials Used in Building Envelopes Within the Building Life Cycle	• Ahmet Cüneyd Diri	796-804
Comparative Analysis of Life Cycle Assessment (LCA) Software	• Neriman Gül Çelebi • Ümit Arpacıoğlu	805-810
Building Anatomy: Impact of Internal and External Factors on Building Design; Production and Analysis	• Neslihan Efsa Özçelik • Murat Sönmez	811-824

An Examination on Sustainability in Graduate Thesis from the Perspective of Industrial Design	• Ege Kaya Köse	825-838
Walkability on University Campuses: A Development Project at Süleyman Demirel University	• Gizem Dinç • Gamze Vergisiz	839-847
Examining Material Use in Architectural Design from a Biomimetic Perspective	• Menşure Kübra Müezzinoğlu • Egecan Alp	848-867
Development Process of Iron Material Usage in Architectural Applications From Past to Present	• Gökhan Mermi • Ümit Arpacıoğlu	868-881
Establishing the Post-Disaster Shelter and Belonging Bond	• Selin Rüya Çakır • Ümit Turgay Arpacıoğlu	882-889
Material Choice" in Architectural Design as "Signature: An Analysis Through the Materials Identified with Architects and Their Buildings	• Serkan Yaşar Erdinç • Ürün Biçer	890-904
Involving Public Participation and Determining Preferences in Planning and Designing Noise Mitigation Barriers Along the Main Transportation Route in the City Center of Erzurum	• Ayşegül Aksu • Hasan Yılmaz	905-918
The Importance of Bioclimatic Comfort in Ecopsychology Approach	• Ahmet Erkan Metin • Atila Gül	919-926
Effects of Material Selection on Urban Stormwater Management	• Nilay Mısırlı • Elif Ebru Şişman	927-936
Investigation of the Role of Roofs in Rainwater Harvesting: Rize	• Ayça Akkan Çavdar • Esra Lakot Alemdağ	937-953
Exploring the Relationship Between Urban Resilience and Landscape Architecture	• Alev Ad • Ömer Faruk Uzun	954-978
Evaluation of the Sustainable Design Concept Through Architectural Project Competitions	• Nilay Aykan • Esra Lakot Alemdağ	979-994
Exploring The Compromise Value of Azimuth Angle for Thermal and Visual Comfort in a Building in the Temperate Dry Climate of Nigeria	• Muhammad Aminu Musa	995-1003
The Bio-Interior: Holistic Biophilia in the Interior Design Studio	• Deniz Hasırcı • Silvia Rolla •Gözde Damla Turhan-	1004-1023

	Haskara • Idil Bakir Küçükkaya	
Examining Corporate Identity in Interior Design Through Residences	• Mehmethan Özerdem • Mehmet Norasli	1024-1030
Changes in the Exhibition Styles of Chicago Architecture Biennials	• İrem Cansu Yalçın • Zeynep Saraç • Gürkan Topaloğlu	1031-1044
Artificial Intelligence in Architecture for Energy Efficiency and Sustainability Objectives: Building Information Modeling, Virtual Reality, and Augmented Reality for Imaginative and Strategic Building Design and Layout	• Cristina Raluca Gh. Popescu • Gheorghe N. Popescu	1045-1068
Comparative Analysis of Urban Land Cover Changes: A Case Study of Izmir, Türkiye, and Naples, Italy	• Floriana Zucaro • Gizem Dinç • Atila Gül	1069-1083
Analyzing Accessibility and Infrastructure of Cultural Heritage Sites for Visitors with Disabilities	• Nastaran Deljavan • Elif Bilmişoğlu	1084-1095
Ecological and Social Significance of Green Bridge Applications in Existing Urban Matrix: A Case Study in Design	• Şükran Şahin	1096-1106
Urban Transformation in the View of Landscape Urbanism: Cases from Istanbul	• Ayşe Betül Çufali • Emine Figen Dilek	1107-1130
The Correlation Between Perceived Naturalness And User Typology in Urban Green Spaces	• Nida Kurak • Serap Yılmaz	1131-1136
The Effects of Natural Environments on Chıldren's Learning	• Serap Yılmaz • Nida Kurak	1137-1142
Cultural Heritage Protection and Historic Building Stability: From Geometrical Formation to Aesthetic	• Jumana Ahmad Aqeel • Naif Adel Haddad	1143-1153
A Method to Evaluate the Impact of Tall Residential Buildings on Cities	• Mehrdad Karimimoshaver • Banu Özkazanç	1154-1158
Evaluation of Marketing Wood Production in Forestry	• Ufuk Coşgun • Damla Yıldız	1159-1169
Evaluation of Employees' Perception of Workloadand Job Satisfaction in Protected Areas	• Saime Demirtaş • Ufuk Coşgun	1170-1178

Determination of the Natural and Cultural Resource Values of the Turkish Republic of Cyprus in Terms of Tourism and Suggestions for Sustainable Management	• Sibel Akten • Gülsüm Kasap	1179-1185
Sustainable Ecotourism Policies in Forest Areas and Legislative Evaluations from Past to Present	• Damla Yıldız • Ufuk Coşgun	1186-1200
Evaluation of Metaphorical Perceptions of Ecotourism and Forest Park	• Damla Yıldız • Ufuk Coşgun • Hasan Güneş	1201-1217
A Bibliometric Analysis on the Use of Unmanned Aerial Vehicle in Land Use/Land Cover Studies	• Berkant Konakoğlu • Kadir Tolga Çelik • Sultan Sevinç Kurt Konakoğlu	1218-1232
Post Application Problems and Solution Methods in Wood-Based Building Envelope Materials	• Bahadır Kır • Zehra Canan Girgin	1233-1253
A Bibliometric Introduction to Architectural Research, Including the Words of "Wood" and "Carbon" Together	• Z. Sevgen Perker • Merve Nur Korkusuz	1254-1274
Accreditation of Graduate Education Programs and the First Steps Taken on This Topic in Our Country	• Öner Demirel • Saye Nihan Çabuk • Şükran Şahin • Alper Çabuk • Sultan Sevinç Konakoğlu	1275-1284
A Model Trial for Creating a Site Selection Model for Urban Forests in Our Country: Kırıkkale Urban Forest	• Öner Demirel • Meryem Bihter Bingül Bulut • Bilgenur Ak • Tuba Gizem Aydoğan	1285-1297
Energy Analysis of Natural Insulation Materials in Building Exterior Wall for Eco- Efficient Retrofits	• Ilknur Arı • Figen Balo	1298-1305
Energy Efficiency of Building Envelopes Designed With Natural Stone and Foam Based Insulation Alternatives	• Ilknur Arı • Figen Balo	1306-1313
The Owning of Public Space: The Impact of Play on Urban Public Spaces in the Frankenberger Neighbourhood	• Pelin Işık • Christa Reicher	1314-1326

Exploring Playgrounds: The Innovative Design of Aldo Van Eyck and Isamu Noguchi	• Gizem Büyücek	1327-1341
The Role of Le Corbusier in the Evolution of Modern Architecture	• Enes Öner • Şeyda Emekçi	1342-1355
V. Chicago Architecture Biennial: Examining the Relationship Between Discourse and Content	• Esmanur Yavuz • Sena Şen • Gürkan Topaloğlu	1356-1369
Reading The New Through The Traces of the Old: Palimpsest Space Şerefiye Cistern	• Zeynep Tanrıverdi	1370-1386
Evaluation of Gaziantep Old Government House in the Context of Critical Regionalism	• Mine Özovacı Kılıç • Nur Urfalıoğlu	1387-1397
Examining "Repetition" as a Design Attitude within the Framework of the Philosophy of Immanence: Creative Repetition in the Designs of Bernard Cache and Greg Lynn	• Çiğdem Polatoğlu • Nehir Sanri Doğan	1398-1411
Architectural Transformation in Kars After 1877-78: Effects of Russian Rule and Housing Architecture	• Gül Helin Alınak • Elif Özlem Aydın	1412-1424
The Effect of Plant-Based Extract-Containing Mortars Used in Different Ratios on Performance	• Seda Turan • Nazlı Ipek Kul Gül • Niyazi Uğur Koçkal • Fatih Özbaş • Selcan Karakuş • Nevin Taşaltın	1425-1432
Investigation of Properties of Mortars Including Plant Extracts as a Waste	• Nazlı Ipek Kul Gül • Seda Turan • Niyazi Uğur Koçkal • Fatih Özbaş • Selcan Karakuş • Nevin Taşaltın	1433-1442
How Can Architectural History Courses Be Made More Attractive: An Alternative Syllabus	• Cemile Feyzan Şimşek	1443-1458
The Effect of Fly Ash Aggregate Produced by Cold Bonding Method on Mortar Properties	• Niyazi Uğur Koçkal • Nazmiye Keleş	1459-1465

Investigation of Sense of Place Within The Framework of Conservation Plans and Physical Space in Türkiye	• Emre Kolçak • Eti Akyüz Levi	1466-1489
Distinction Between the Notions of Form-Process: Epistemological Foundations of Urban Theories	• Elçin Burcu Temel • Rifat Gökhan Koçyiğit	1490-1496
Urban Rail System Line Planning In Al- Hofuf City, Saudi Arabia	• Ömer Çölova • Majid Aljasim	1497-1507
Rail System Route Planning in Egypt: The Case of Luxor	• Ömer Çölova • Ibrahim Kılıç • Aziz Kadıoğlu	1508-1522
Examining The Potentials of Media Architecture in Future Architectural and Public Spaces	• Işıl Aksu Işlek • Berna Üstün	1523-1535
Examining the Perception of Space Through Digital Installations	• Mehmet Akif Subaşı • Çiğdem Polatoğlu Serter	1536-1545
Interdisciplinary Nature-Based Collaboration in the Digital Age	• Elif Yamaç • Cahide Aydın Ipekçi	1546-1557
Reflections of Primitive on Contemporary Architecture at The Intersection of Techne and Technology	• Merve Artkan • Berna Üstün	1558-1575
The Digital Documentation of Cultural Heritage: The Case of Kalaycıoğlu Masjid	• Leyla Kaderli • Büşra Uzaslan	1576-1588
Digital Urban Culture Between Sustainability and Creativity: Flagship Projects of Dar-Ül Mülk For Cultural Tourism	• Feyza Topçuoğlu	1589-1597
Interaction of Cultural Heritage Assets and New Media Art	• Işıl Aksu Işlek • Hicran Hanım Halaç	1598-1609
Color-Urban Identity Relationship in Urban Designs	• Seyhan Seyhan • Elif Bayramoğlu	1610-1615
Designing Urban Spaces As Emotions	• Elif Sağlık • Emine Berfin Minkara	1616-1625

The Effect of Transportation on Urban Identity in Urban Areas	• Seyhan Seyhan • Elif Bayramoğlu	1626-1630
The Traces of Landscape in Historical and Touristic Streets: Ayvalık – Cunda (Alibey) Island	• Mahmut Can Ast • Elif Sağlık	1631-1646
Water Efficient Landscape Design For the Sustainability of Water Resources in urban Areas	• Bilgenur Ak • Öner Demirel • M. Bihter Bingöl Bulut	1647-1661
Generating Concepts in The Process of Envıronmental Design Projects: The Case of Trabzon Sera Lake Resort	• Tuğba Düzenli • Elif Merve Alpak	1662-1668
The Theory of Affordances and Its Relationship with the Environment	• Tuğba Düzenli • Elif Merve Alpak	1669-1673
Insights on International Charters and Urban Planning for the Preservation of Historic and Archaeological Sites	• Mohammad Juper • Naif Adel Haddad	1674-1692
Transportation in Tourism Development in Non-Urban Areas in Nigeria: Faith-Based Interventions	• Favour C. Uroko	1693-1706
Finite Element Analysis of Adobe Building Components	• Dilara Kalli • Ali Ihsan Çelik	1707-1717
Earthquake Caused Embodied Energy Potential of Demolition Wastea Case Study in Istanbul	• Ceren Çakar • Cenk Üstündağ	1718-1727
A Journey with the Senses in Library Design	• Hande Eyüboğlu • Serap Faiz Büyükçam	1728-1741
The Role of Vernacular Housing Architecture In Cultural Sustainability: The Bodrum Peninsula Example	• Ilayda Demirci • Hümeyra Birol	1742-1755
Left Behind: Waste Museums	• Serap Faiz Büyükçam • Hande Eyüboğlu	1756-1762
Architectural Building Solutions Inspired by and Bringing People Closer to Nature	• Leyla Suri	1763-1773
Planning Surface Runoff Using Green Infrastructure Systems In Urban Waterways	• Nazmiye Ermeydan • Serhat Aniktar	1774-1797

Analysis of Natural Children's Playgrounds from an Ecological Perspective	• Duygu Karabıçak Günaydın • Ertan Düzgüneş	1798-1805
Evaluation of the Use of Virtual and Augmented Reality Technologies in the Presentation of Cultural Heritage Sites in the Context of Conservation Principles	• Merve Aslı Kara Yüksel	1806-1816
Determination of the Effects of Biostimulant and Nitrogen Applications on the Establishment of Bermudagrass from Sprigs	• Bora Mert Şahin • Bahar Sancar • Songül Sever Mutlu	1817-1823
The Effects of Biostimulant and Fertilizer Applications on the Winter Dormancy of Bermudagrass (*Cynodon Dactylon* L. Pers)	• Yakup Sevgin • Bahar Sancar • Songül Sever Mutlu	1824-1831
Effects of Artificial Intelligence Supported Smart Irrigation Systems on Water Efficiency and Plant Production	• Gülcay Ercan Oğuztürk • Şüheda Tamer • Meryem Yurtseven	1832-1839
The Role of Building Integrated Agriculture Systems as Potential Food Production Areas in Ecological Building Design	• Beyza Aleyna Bayram • Pınar Kısa Ovalı	1840-1860
Social Cohesion and Solidarity: The Impact of Rehabilitation Beyond Housing	• Francisca Machado	1861-1867
The Effects of Glycine Betaine and Nitrogen Applications on Turfgrass Performance of *Zoysia japonica*	• Mert Çakır • Meryem Kurt • Songül Sever Mutlu	1868-1878
Perception and Communication Awareness in Plants	• İlayda Merve İleri • Atila Gül	1879-1894
A Versatisummaryle Look at He Furniture Design Adventure	• Esra Orhan Yılmaz • Semih Çınar • Elif Özgen	1895-1901
Evaluation of Traditional Houses in Balıkesir Urban Center for Conservation	• Ayşegül Ağan	1902-1909
Multigenerational Houses and Intergenerational Housing Typology	• Dicle Özavcı	1910-1916

The Effect of Environmental Design and Architecture on Crime Prevention	• Dicle Özavcı	1917-1927
Evaluation of the Effect of Biopolymer Additives on the Performance Properties of Earth Plaster	• Münevver Şeyda Küçükşakalak • Seden Acun Özgünler	1928-1941
Examination of the City Image Components and Sign Elements of Balat District Through Instagram Users	• Hicran Hanım Halaç • Ruken Avcı • Yasemin Akcakaya	1942-1966
Resilient and Sustainable Cities: A Conceptual Framework	• Beyza Mürüvet Yiğit • Murat Akten	1967-1980
Historical Environment Protection Plans and Zoning Applications Antalya Province, Ibradi District, Ormana Example	• Hüseyin Cengiz	1981-1993
The Relationship Between Landscape Architecture and Anthropometry the Case of Isparta Cumhuriyet Street	• Deniz Karakuyu • Murat Akten	1994-2001
Determining the Criteria for the Conversion of Existing Education Buildings According to Green Building Standards	• Hatice Eda Gül • Seniye Ela Gül • Sibel Akten • Atila Gül	2002-2016
Evaluating School Spaces as Opportunities for Carbon Footprint Reduction	• Sibel Akten • Atila Gül	2017-2027
Moss Wall Panel System in Vertical Plant Applications	• Sibel Akten • Şuayip Körük	2028-2036
A Research on the Usage Potential of Natural Compounds for the Protection of Wood against Fungi Problems in the Context of Eco-Friendly Wood Preservation Applications	• Selvi Burcu Güler • Seden Acun Özgünler	2037-2044
Comparison of the Production and Usage Performance of Container Structures and Earth Structures for Temporary Building	• Evrim Solhan • Seden Acun Özgünler	2045-2055

First View Graphic Restoration Project Proposal of the Odina Jome Mosque in Kashkadarya Region	• Elvira Jurayeva	2056-2062
The Role of Artificial Intelligence in Optimizing Digital Architectural Designs	• Denada Ahmeti Rada	2063-2070
Using Photogrammetry for Digital Documentation of Heritage Sites and Objects in Jordan	• Fatima Haroun	2071-2078
Enhancing Academic Library Services: An Overview of Artificial Intelligence Applications	• Mahadevan Balasubramaniyan • Kannadasan Karuppaiah	2079-2084
The Significance of Transformation of the Banking System in Developing Countries Like the Republic of Serbia	• Lutovac Jelena • Slobodan Popović	2085-2089
Internal Control In the Work of the Financial Sector and the Real Economy Sector of Small Economies	• Slobodan Popović • Lutovac Jelena	2090-2094
Cancer Data Analysis with Data Mining Algorith	• Irshad Ullah • Aamna Saleem Khan	2095-2098
Regression Analysis of Hospital Statistics: A Case Study of Akure Metropolis	• O. A. Oladimeji • S. T, Ogunbanwo • O. T, Oyejide • O. O. Oyebode	2099-2108
Smart Sustainable Cities for Happier People as Envisioned by United Nations Economic Commission for Europe: Fostering Harmonious Societies, Improving Quality of Life and Advocating Innovative Financing Approach	• Cristina Raluca Gh. Popescu • Gheorghe N. Popescu	2019-2131
Economic Survey of Household Expenditure Pattern During Covid-19 Pandemic in Ogun State, Nigeria	• S. A. Daud • O. Amao • I. A. Aderibigbe. • I. O. Sulaimon • A.B. Omotoso	2132-2140
Researching the Dynamic of Education Among Women in Kazakhstan	• Suleimenova Anel	2141-2148

Evaluating the Performance of Various Shading Devices on Daylighting for Visual Comfort in the Temperate Dry Climate of Nigeria	• Muhammad Aminu Musa	2149-2156
A Novel Technology for Ecologıcal Pavement and Asphalt Production: Mine and Industrıal Waste Plant (CDMI)	• Zakaria Madani	2157-2159
Floating Cities in Terms of Space Management: Structural, Legal, Administrative and Functional Approach	• Ahmet Fidan • Pelin Karaçar	2160-2177

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Local Identity Values and Analysis of Demre Region (Antalya)

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Abstract

Demre, known as Myra in history, is a district of Antalya province in the Mediterranean region of Türkiye, home to important cultural and natural heritage. This region has a long history dating back to the ancient Lycian period. The rivers born from the mountains in the north merged in the Myros Canyon (Demre Stream) and reached the sea and the settlement was formed in the plain around this stream. At the eastern end of this plain is the Dalyan where fish eggs live. At the western end of the plain where Demre was founded is the famous port city of Andriake and at the northern end is the ancient city of Myra. Demre, which bears the traces of the Lycian civilization, is also home to a part of the Lycian Road, which has been an important trade route since ancient times and has been an important trade crossroads since ancient times. At the same time, architectural ruins and tomb structures from this period are among the important historical heritage of Demre. One of the most important values of Demre is St. Nicholas' and his church, known as the birthplace of Demre and one of the important figures of Christian history. Demre District has a very rich potential in terms of natural and cultural heritage values and reveals its local identity. Local identity components require the protection of all tangible and intangible elements in case of meaning, value, emotion and mystery in the historical process. In this study, it is aimed to determine the level of importance of the existing cultural values of Demre region in the context of local identity through a survey. As a result, in this context, in terms of cultural values of Demre region, Myra Ancient City, Kekova Island, St. Nickholas and Church, Andriake Ancient City and Harbor, fresh fish, squid, olive oil and its dishes, rug weaving, carpet weaving and felting were determined to have the highest level of importance in terms of local identity value.

Keywords: Demre, Myra, Identity Values, Image, Cultural Heritage, Sustainability, Antalya

1.Introduction

The relationship between space and identity forms a multifaceted spiral. Identity, the information, documents, traces, lived experiences and moments, production and consumption patterns stored in people's memories from the moment they are born, become the basic elements of identity at the individual and social level. Every piece of information, document, trace and story from the past to the present is related to space. Because while identity is reflected in space, it is also influenced by space. While the place is also very effective in forming identity, it is also an important factor reflecting identity. As a result, the space-identity relationship and interaction reveal the story of a place (Gül et al., 2020).

While places shape people's lives, people also equip and shape places with their own identities. Every place reflects people's experiences and lives, along with the traces it carries from the past to the present. In this context, the relationship between space and identity is a multifaceted issue that needs to be examined in depth.

Identity is a multidimensional system of values that includes static and dynamic, intangible and tangible factors produced in the past, are being produced today and will be produced in the future depending on the needs of the societies living on it, creating a perception in space. Identity is also the textural, social and cultural living environment formed by the values specific to a place. It is a whole created by topography and climatic differences and dynamic characteristics.

Urban identity is sometimes defined by an object, monumental value or characteristic features for a city. For example, Big Ben-Westminster in London, the Eiffel Tower in Paris, and the Sydney Opera House in Sydney are urban identity identifiers (Sağlık & Kelkit, 2019).

A strong sense of identity is fundamental for individuals to understand themselves, contribute to society and make their lives meaningful. However, identity is not only an internal perception but also a dynamic construct shaped by external factors. Local cultural identity has profound effects on the identities of communities and individuals. Therefore, identifying and understanding the values of these concepts can help us understand the social structure and relationships of individuals and societies.

Today, however, processes such as globalization and urbanization threaten local identities. These processes can lead to changes in traditional lifestyles, the forgetting of local values and the destruction of the natural environment. This can lead to the weakening and standardization of the identities of places. As a result, places are important elements that shape people's identities. In this context, a holistic approach should be adopted to protect and strengthen the identity of places. This approach should include the physical environment and the social and cultural structure. It is of great importance to make strategic plans that will ensure the participation of local people, to protect and strengthen their cultural identities, and to protect the natural environment.

Cultural heritage is all of the tangible and intangible values accumulated in the historical process of the individual and society living in that region and have unique characteristics. In other words, it reflects the past to the present. Revealing local identity is very important especially in terms of planning, design and management of cultural tourism (Gül et al., 2019).

Creating a local identity provides many advantages; it motivates local people, strengthens the sense of belonging, increases the level of recognition, discovery and satisfaction of visitors, makes the area more easily recognizable, forms the basis of future tourism strategies of the area, increases competitiveness with other destination areas, and reflects the past culture to the present (Gül et al., 2019).

Local identity consists of natural and cultural identity values and of the perception, image, understanding, and meaning of these values on people. With the images to be created with core values, it leads to different views and opinions about the whole and the locality. This creates the perception of local image in the minds of visitors (Gül et al., 2019).

If local identity components have meaning, value, emotion and mystery in the historical process, all tangible and intangible elements should be protected. In this context, it has been accepted that the combination of tangible qualities that constitute local identity; structure, area, landscape, route, object and intangible qualities; memory, narrative, written document,

ceremony, festival, traditional knowledge, values, texture, color, trace, etc. constitute the spirit of a place and also define local identity (Gül et al., 2019; Icomos, 2008).

Demre district has natural beauties and a rich and deep-rooted historical and cultural heritage dating back from the Lycian civilization to the Ottoman Empire. It is the pearl of the Mediterranean, which fascinates with its mystical atmosphere, historical and cultural texture that bears the traces of various civilizations for thousands of years among the shores adorned with the vast blues of the Mediterranean. However, Demre's richness is not limited to historical buildings. Traditional handicrafts, local festivals and unique local delicacies reflect the cultural diversity and colorfulness of the region. Demre's historical and cultural richness is a trace of the past and a living part of the present. Myra, an important ancient settlement located within the borders of Demre today, means “Place of the Great Mother Goddess” in the ancient Lycian language. The known settlement history of Myra dates to the 5th century BC (Karataş; 2010: 25-26).

This study aims to reveal the current situation of the natural and cultural values of Demre (Antalya) region and as a preliminary study for identifying and prioritizing local identity values through a survey. Thus, it is envisaged to create strategic planning and management recommendations for the protection and sustainability of the cultural heritage values of Demre region. Thus, it is thought that local identity values will make important contributions to increasing the awareness of the society and guiding managers and decision makers.

5. Materials and Methods

In this study, an extensive literature review was conducted for the local natural and cultural values of Demre. By asking these values to the people of Demre city through a questionnaire, the relationship of these values with local identity and their priorities were determined. The city population of Demre in 2021 is 27,762 people (Demre Municipality, 2024) and the number of subjects for the survey was 380 people and an online survey was conducted. Within the scope of the survey, the participants were asked about the prominent cultural values (historical and archaeological values, festivals, local dances, handicrafts, most important personalities and local cuisine values), and their level of importance was determined and interpreted with a triple Likert scoring technique (1 point is unimportant, 3 points are moderately important, 5 points are very important).

a. Cultural Values of Demre Region

Demre district is a district of Antalya province in southwestern Türkiye on the Mediterranean coast. The distance of Demre from the center of Antalya is 147 km, and it has 17 neighborhoods. Geographically, the latitude and longitude coordinates of Demre are 36°15' North and 29°59' East, respectively (Figure 1). Demre district was first recognized as a village in 1904 under the name of Eynihal in historical documents. Later, a municipality was established in 1968 with the merger of four villages, and on July 4, 1987, it became a district under the name of Kale. The district was renamed Demre in 2005 (Şen, 2021).

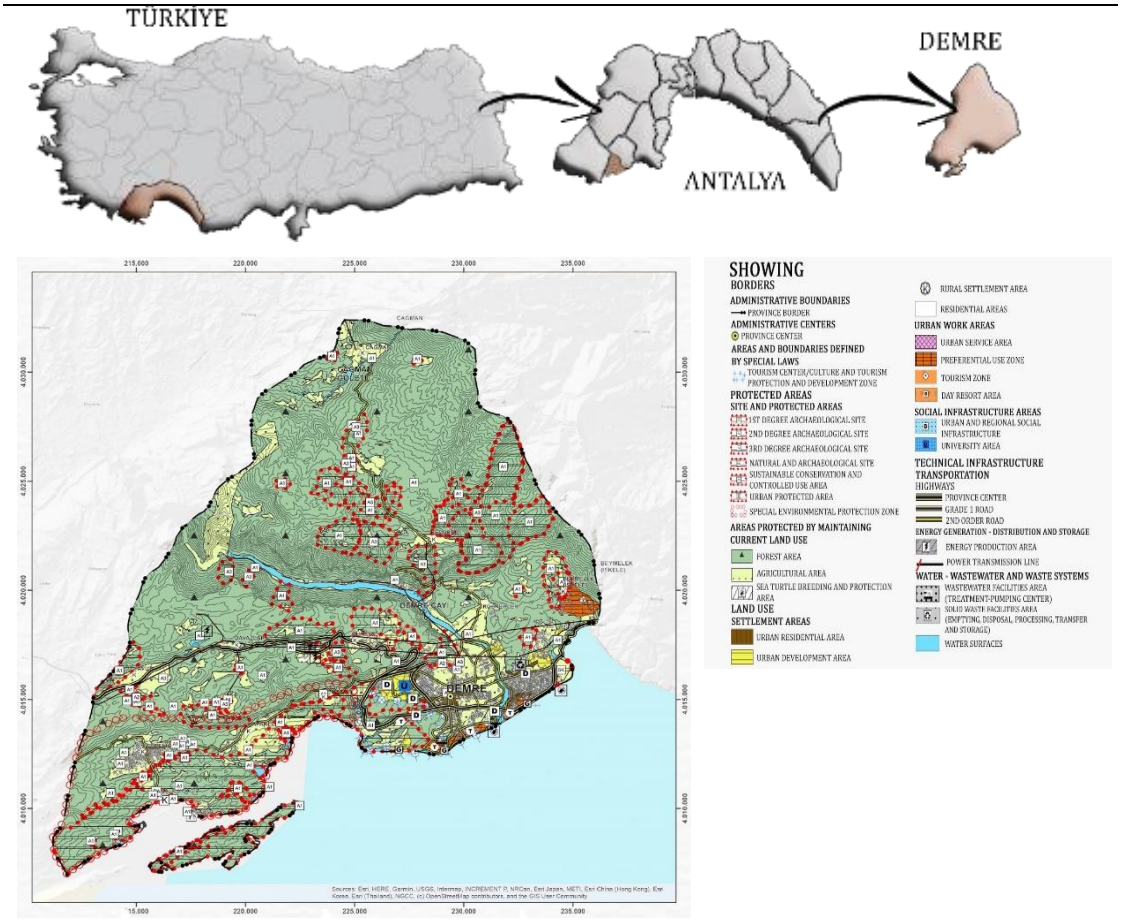


Figure 1. Demre District map

Demre District has natural beauties and a rich and deep-rooted historical and cultural heritage dating back from the Lycian civilization to the Ottoman Empire. It is the pearl of the Mediterranean, which fascinates with its mystical atmosphere and historical and cultural texture that bears the traces of various civilizations for thousands of years among the shores adorned with the vast blues of the Mediterranean.

Demre District, known as Myra in history, became famous as a port city at the junction of the Aegean and the Mediterranean. The rivers born from the mountains in the north merged in the Myros Canyon (Demre Stream) and reached the sea, and settlements were formed in the plain around this stream. At the eastern end of this plain is the Dalyan, where fish eggs live. At the western end of the plain where Demre was founded is the famous harbor city of Andriake, and at the northern end is the ancient city of Myra.

Antalya Provincial Directorate of Culture and Tourism lists the cultural assets in Demre District as follows (Şen, 2021)

- Single Building Registered Cultural Assets: Zümrütkaya (Ancient Quarry), Yavu Village İlvit Mevkii, (Sarcophagus), Dereköy Danabaşlar (Ancient Road), Dereköy Danabaşlar (Tower), Dereköy (Tower), Dereköy (Church), Karabucak Neighborhood (Sarcophagus).

- Other Byzantine Churches in the Region: Muskar (Church), Karabel (Asarcık) (Western
- Monastery), Karabel (Asarcık) (Eastern Church), Karabel (Asarcık) (Ala Church), Karabel (Asarcık) Alacahisar (Church), Çağman (Güceymen Hill) (Church), Dikmen (Church), Devekuşu (Church), Gürses (Church), Danabaşın (Zeytinlik) (Church).
- Archaeological Sites : Myra Ancient City, Andriake Ancient City, Ision (Beymelek) Ancient City, Sura Ancient City, Tyrsa Ancient City, Kekova Island (Dolikhiste), Aşırlı Island, Theimiussa Ancient City (Üçağız Village), Kyaenai Ancient City, Avşar Hill, Istlada Ancient City (Kapaklı Village - Old Hoyran-Hayıtlı), Trbenda Ancient Site, Tyberissos Ancient Site (Asar), Yavu Village (İlvit, Eseler Quarter), Taşdibi Hill Ancient Settlement Area, Gökkaya Ancient Site, Mucuk Beleni Ancient Site, Buzağılık Ancient Site, Pınarlı Ancient Site, İnceyer Ancient Site, Belören Village (Zeytin Quarter Ancient Settlement Area).

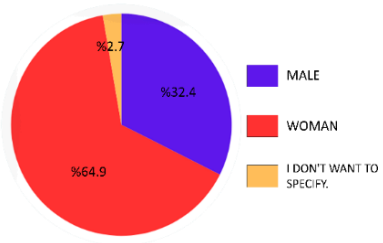
Demre's richness is not limited to historical buildings. Traditional handicrafts, local festivals and unique local delicacies reflect the cultural diversity and colorfulness of the region.

Demre district is home to a significant level of biodiversity and ecological features. There are 3 centers in the district that are designated as “Important Nature Areas” (IBA) by the International Union for the Conservation of Nature (IUCN). Kale Important Nature Area, Kıbrısçık Important Nature Area and Kekova Important Nature Area. In addition, there are natural beauties such as Andriake Bird Sanctuary, Beymelek Lagoon (I. Natural Protected Area), Çağman Dam Pond (Şen, 2021).

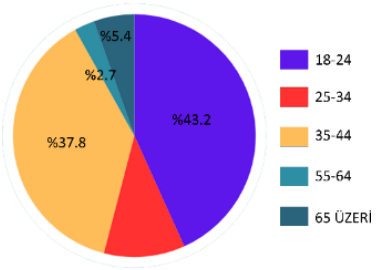
3. Findings and Discussion

3.1. General Profile of the Respondents

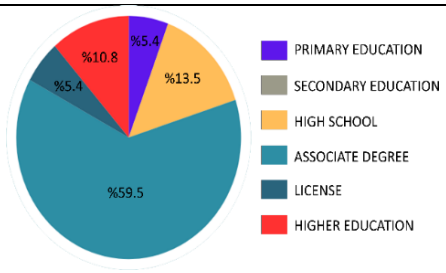
According to the survey results, 64.9% of the respondents were female and 32.4% were male. 43.2% of the respondents are between the ages of 18-24. Approximately 59.5% are associate degree graduates. 48.6% of the respondents are students. While 56.8% of the respondents were single, 43.2% were married. Furthermore, 44.1% of the respondents have an income below 12 thousand Turkish Liras. 56.8% of the respondents have lived in Demre district for less than 4 years (Figure 2).



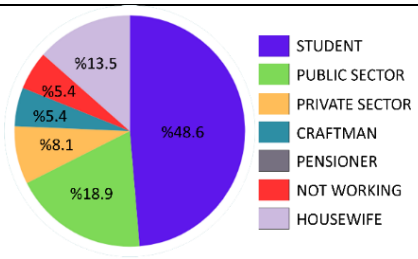
Gender



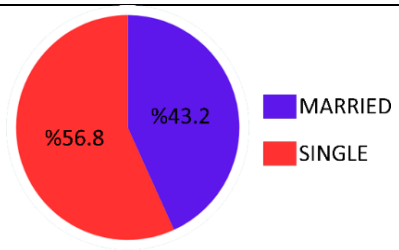
Age



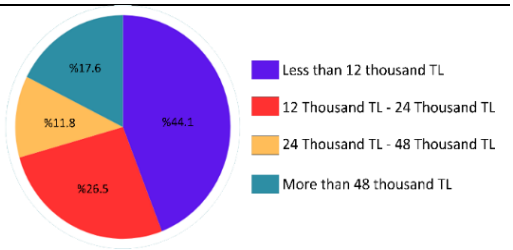
Education status



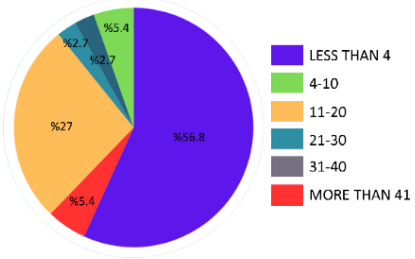
Profession



Marital Status



Income Status



While they lived in Demre

Figure 2. General profile of the respondents to the survey on cultural identity values of Demre Region

3.2. Evaluation of the Respondents According to the Importance of Cultural Values of Demre

As a result of the survey studies, the existing historical and archaeological values, festivals, local dances, handicrafts, the most important personalities and local and traditional cuisine values of Demre district were determined by Likert triple scoring technique (1 point is unimportant, 3 points are moderately important, 5 points are very important).

According to the survey results, Myra Ancient City (91.9%), Kekova Island (86.5%), St. Nicholas Church (86.5%), Andriake Ancient City and Harbor (83.8%) and Simena Ancient City (75.7%) are among the most important places in terms of historical and cultural values of Demre region. However, the low importance of other cultural values is thought to be due to insufficient knowledge or lack of advertising and promotion.

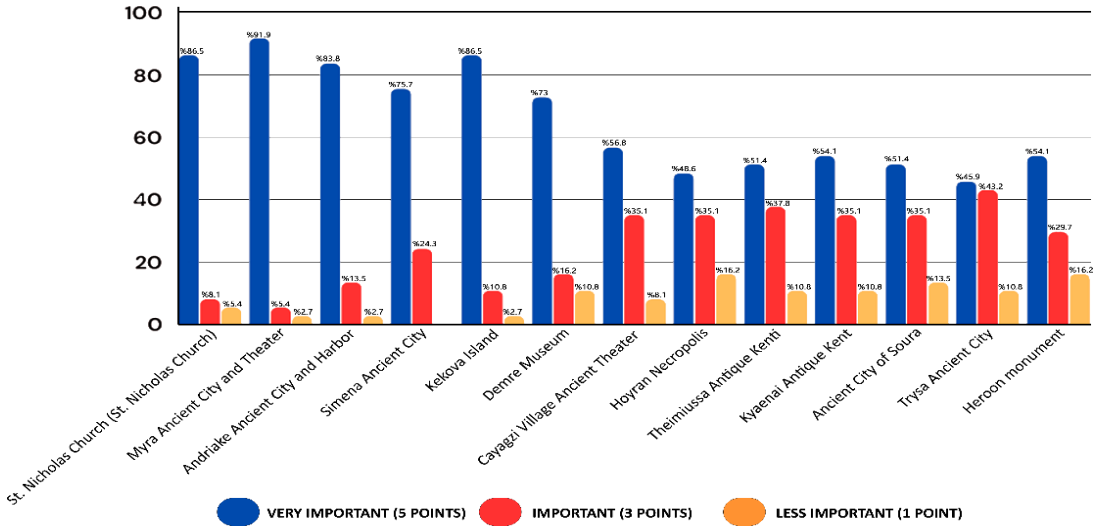


Figure 3. Importance levels of cultural identity values of Demre Region

The level of importance in terms of handicrafts of Demre region is accepted as rug weaving (73%), carpet weaving (67.6%) and felting (62.2%) as the most important handicrafts.

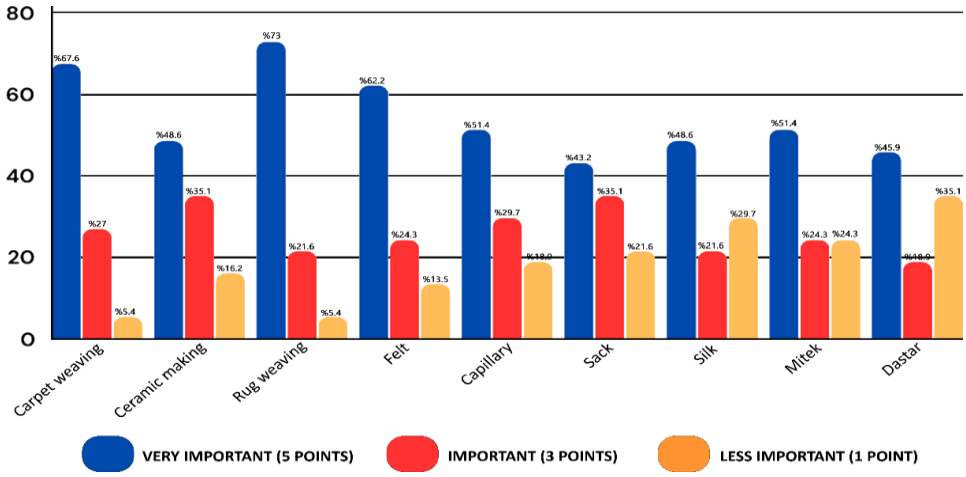


Figure 4. Importance levels of local handicrafts of Demre Region

According to the importance levels of the festivals organized in Demre region, Demre Spring Festivals (70.3%), St. Nicholas Festival (67.6%) and Demre Kekova Yörük Cuisine Festival (59.5%) were determined as the most important festivals.

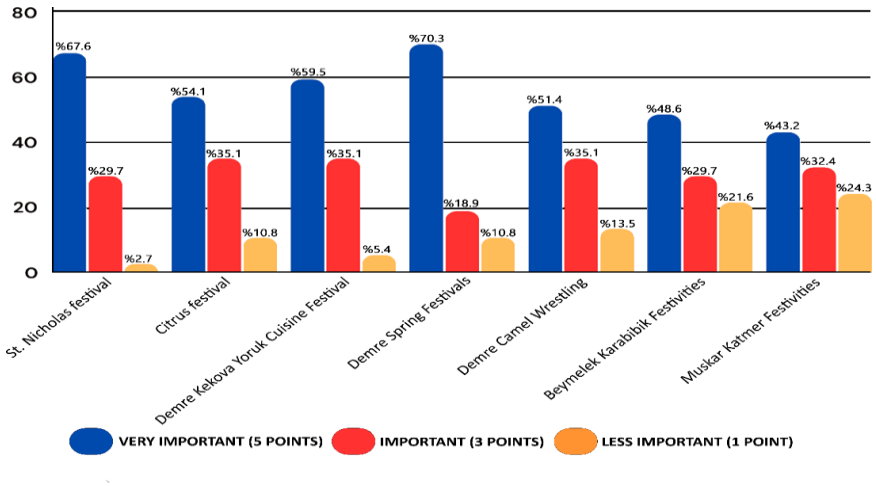


Figure 5. Importance levels of local festivals of Demre Region

In terms of importance levels in terms of culinary culture values of the Demre region, fresh fish (86.5%), calamari (73%), olive oil (70.3%), köhre tahini, goat cheese, fava beans with garlic yogurt and Demre zucchini appetizer with yogurt (73%) were accepted as the most important local dishes of Demre.

Demre has a rich culinary culture as a Yoruk region. With the "Outdoor and Yoruk Cuisine Festival" organized yearly, traditional dishes are exhibited and promoted. However, unfortunately, the importance of Yoruk cuisine, especially as a local identity value, is not given due importance.

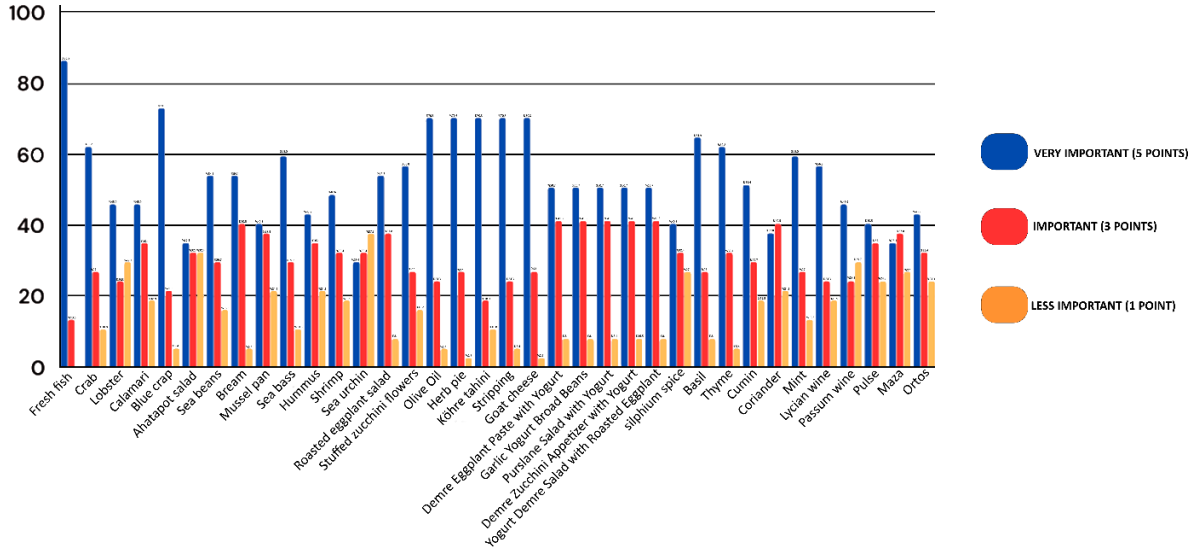


Figure 6. Importance levels of culinary culture values of Demre Region

In terms of the traditional games of Demre on, the most important games are Çelik Çomak (51.4%), Mendil Kapmaca (45.9%) and Javelin Game (45.9%).

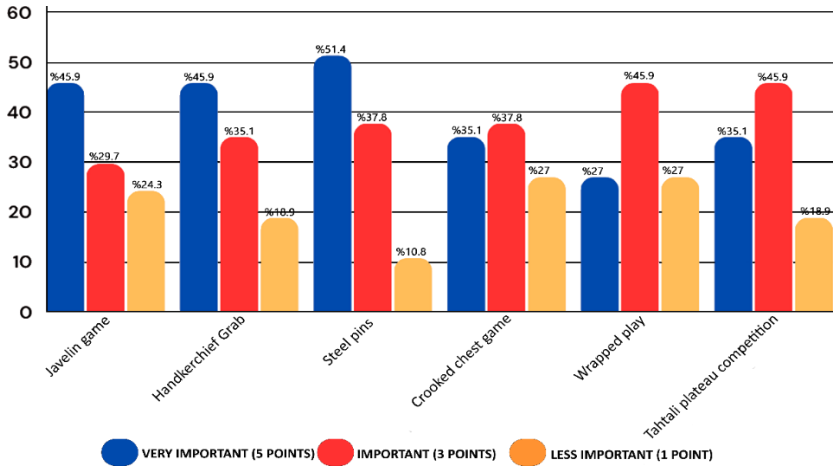


Figure 7. Importance levels of Demre local games

As the most important personalities of Demre Region, the levels of importance are listed as St. Nicholas (91.9%), Nabizade Nazim (59%,) Opramaos of Rhodapolis (48.6%).

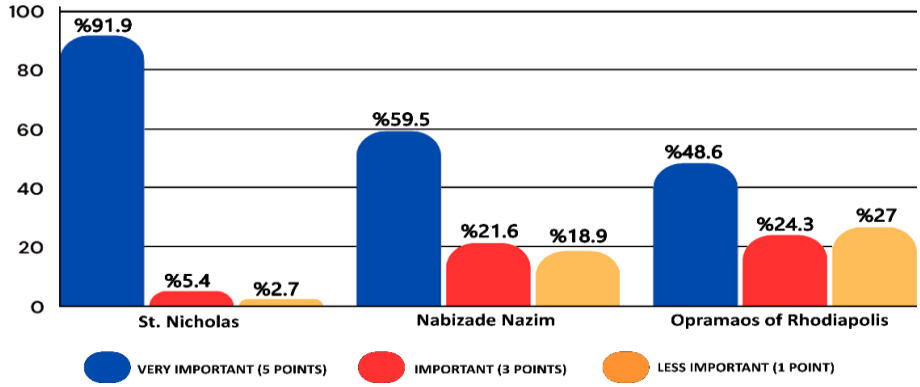


Figure 8. Importance levels of the most important personalities of Demre Region

4. Conclusions and Recommendations

According to the survey results, the cultural identity values of Demre Region were determined as historical and archaeological values, local cuisine values, local festivals, local handicrafts and historical figures. In this context, in terms of cultural values of Demre Region, Myra Ancient City, Kekova Island, St. St. Nickholas and Church, Andriake Ancient City and Harbor, fresh fish, squid, olive oil and its dishes, rug weaving, carpet weaving and felting are considered to have the highest level of importance in terms of local identity values. These identity values should be accepted as the most important reference values in the planning and management of the city by integrating and associating them with Demre.

The Ancient City of Myra is known to have been settled in the 5th century BC and means "Place of the Great Mother Goddess" in the ancient Lycian language (Karataş; 2010: 25-26). Myra's old name "Muri" comes from the myrtle plant (*Myrtus communis* L.). Myra is the most important identity value of Demre that is still alive and felt in the historical process. Myra

Ancient City and Theater carry the rich historical past of Lycian civilization to the present day. The ancient city of Myra has been inhabited since the 5th century BC and has been the center of trade, culture and art as an important base of the Lycian Union. It continued its development as a great city especially during the Roman Empire. During the Roman period, Myra is shown as one of the two most important cities of Lycia together with Patara. During the Byzantine period, Myra became an important administrative and religious center. From the 7th century onwards, Myra lost its importance due to earthquakes, floods, alluviums brought by the Demre Stream, and Arab raids, and turned into a village in the 12th century. Today's ruins consist of the theater on the acropolis's southern skirt and the rock tombs on both sides. Myra Ancient Theater is one of the most impressive structures of this ancient city and is an important example of Lycian architecture. The Theater, built by carving into the rocks, attracts attention with its magnificent architecture and has an audience capacity of approximately 11,000 people. According to the researches carried out, it is possible to come across the remains of the walls dating back to the Hellenistic and even 5th century BC on the acropolis hill and its surroundings, apart from the Roman walls, which are quite intact today (Kültür Varlıkları ve Müzeler Genel Müdürlüğü, 2024).

There are examples of Myra tombs best adapted to the rocks unique to Lycia. These tombs contain reliefs and inscriptions depicting the dead and their relatives. The City lost its importance and turned into a village due to the destruction caused by earthquakes between the 7th-12th centuries, the harbor being filled with alluvium and becoming unusable, floods and Arab raids (Şen, 2021). Today, Myra Ancient Theater serves as a museum area that attracts tourists. While visitors trace the traces of the past in the fascinating atmosphere of this ancient theater, they encounter important witnesses of the Lycian civilization and the Ancient Roman period. Myra Ancient City and Theater contributes to Türkiye's cultural heritage and offers visitors a historical and archaeological journey.

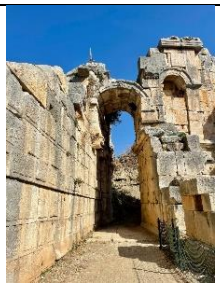
Kekova Island: Kekova is right across the island from Simena. It is also the general name of the Region that includes Simena, Theimiussa (Üçağız), Aperlai (Sıcak) Pier, Akvaryum Bay and Gökkaya Bay (Şen, 2021). Kekova Island is an island and a group of financial islands in the Demre Region. It is in the calm waters of the Mediterranean and is one of the region's major tourist attractions. The most important feature of the island is that it is famous for its historical and underwater ruins. Kekova, a port city in ancient times, was submerged as the sea level rose and underwater ruins were formed. Kekova Island is also famous for its unique bays, clean sea and green natural beauty. Excursions by tour boats are the most popular recreational activity for tourists who want to experience the underwater wonders of Kekova and enjoy the island's natural beauties. Kekova Island has been documented as a unique paradise of the Mediterranean with its historical and natural riches. It has been declared as "Kekova Natural Protected Area".

Saint Nicholas Church: In Myra, which became a religious center, "St. Nicholas" served as bishop at the beginning of the 4th century during Constantine I. Saint Nicholas, who belongs to a noble family, is an educated religious leader. He created a great bond of love with the help he gave to children, the public, and sailors. His memory as "Santa Claus" has been preserved to this day. After his death, St. Nicholas, Bishop of Demre, was buried in Demre, and a church was built in his name. Reflecting the spiritual atmosphere of the region, St. Nicholas Church is among the elements that enrich the cultural heritage of Demre. St. Nicholas: It is known as "Sinterkoas" in the Netherlands, "Pere Noel" in France, "Father Christmas" in England, "Santa

Claus" in America and "Heilige Nikolaus" in Germany. Today, in the Christian world, ceremonies are held in this church on December 6, the death date of St. Nicholas, and gifts are given to children. The celebrations in question were Hz. It continues until Christmas, known as the birthday of Jesus. Western Christians accept this date as December 24-25, and Eastern Christians calculate it as January 6 (Şen, 2021).

Andriake Ancient City and Port: Andriake Ancient City is in Çayağzı. The city consists of the port of the large city of Myra and the surrounding settlements. The surviving ruins of the ancient city of Andriake are in the south of the port. The most important building here is the granary (Granarium) of the Roman Empire. During the reign of Emperor Hadrian, Andriake experienced its brightest period in AD. The "granarium" (Horrea Hadriani-Imperial Silo), built in 129-130, is a very special building with dimensions of up to 2307 m^2. In its current form, it was opened to visitors as the "Museum of Lycian Civilizations" as of June 2015, with the restoration and landscaping works carried out by the Ministry of Culture and Tourism (Şen, 2021). It has been debated for a long time whether the ruins in the Çayağzı section of ancient Myra, or today's Demre, belong to a different city; Recent research has proven that this is not an independent settlement, but the port neighborhood of Myra. Andriake, which was an outskirt and port of Myra rather than a separate city in the Ancient Period, was a sheltered harbor for merchant ships navigating the east-west route in the Mediterranean, as well as being a port that has been used extensively since the Classical Period, Hellenistic, Roman and Eastern Roman (It continued to be a central port of the region throughout the Byzantine) periods. It has been determined that the Lycian region owes its wealth to ports and commercial activities. The large number and variety of foreign-sourced amphora pieces unearthed during the excavations that have been going on since 2009 show the intensity of international trade taking place in the Port (kültürportalı,.gov.tr., 2023). Granarium / granary, agora, cistern, walls, baths, waterways, monumental fountains, watchtowers, necropolises, the first synagogue of the Anatolian Mediterranean and churches, which prove the importance of the port in the grain trade and have been converted into the Lycian Civilizations Museum today, can be seen here. buildings ((Kültür Varlıkları ve Müzeler Genel Müdürlüğü, 2024).

Simena Ancient City: Ancient Simena, now known as Kaleköy, is a small Lycian (4th century BC) coastal city. Its castle has survived to this day and is one of Türkiye's only ancient settlements that can only be reached by sea. The ancient city of Simena, located within the Kekova Special Environmental Protection Area covering an area of 260 km², is registered as a 1st Degree archaeological site. The area where the castle settlement is located has been designated as an Urban Archaeological Site. The ancient city of Simena is shown between Andriake and Aperlai in Roman Period Road guide monuments (Nebioğlu & Duran, 2018; General Directorate of Cultural Heritage and Museums, 2024). Kekova, which gave its name to the region, is right across from Simena and its closest point to the shore is 500 meters which is 7.4 km. It is the general name of the long island and the region that includes Simena, Teimiussa (Üçağız), Aperlai (Sıcak) Pier, Akvaryum Bay and Gökkaya Bay. The northern shores of the island facing Simena are full of traces of the civilization that was partially submerged in the water during earthquakes in ancient times, such as stone stairs, house ruins, pier ruins, half of which are in the water and half of which are outside, extending to a depth of 4-5 m in the sea. Simena is located on the peninsula opposite Kekova Island (Kültür Varlıkları ve Müzeler Genel Müdürlüğü, 2024).



The Ancient City of Myra


Kekova Island



Saint Nicholas Church


Andriake Ancient City and Port


Simena Ancient City

Figure 9. Important Historical and Archaeological Values of the Demre Region (Original, 2024)

However, it is thought that there are many potential cultural identity values other than the cultural values whose importance level was determined because of the survey. Especially in many photographs and information exhibited in the Museum, there is much information that may have the identity value of Demre and is now forgotten. For example, One of the unique discoveries in Andriake is the discovery of the Murex / Purple Dye Factory for the first time. Murex is a type of seashell from which purple dye was obtained. It was used only by emperors and the upper classes because it was very rare in the Ancient Period. These crustaceans were brought to Andriake, one of the places where paint was produced, in such large quantities that the shell residues remaining after production were used in building mortar (antalya.ktb.gov.tr, 2024).

The museum also has some information. For example, From the Paleolithic age to the Byzantine Period, there are jewelery made of stone, bone, silver, gold, bronze, etc. It is stated that the main nutrients in Lycian cuisine are meat, fish, olive oil, vegetables and fruits, and cabbage, spinach, chard, mallow, asparagus, leeks, beans, lentils, broad beans, etc. are used in dishes. Additionally, dill, basil, thyme, cumin, coriander, mint and silphium etc. were used as spices. It is stated that olive oil is used in every meal. The most used fruits are figs, grapes and apples. Wines called "passum" were produced from grapes. “Mulsum” wine was widely used by mixing it with honey.

There are many cultural values in Demre that are registered as cultural assets today and are unregistered or undiscovered. It is seen that many of the historical ancient cities, which are especially important cultural values, are not open to visitors, there is no transportation

opportunity, and some of them are completely idle and even excavations have not been carried out yet.

The Lycian Ancient Road, which is considered one of the most famous cultural walking routes in the world today, is a 535 km long route that starts from Fethiye and ends in Antalya Kemer and includes Lycian ancient cities. The most important part of this cultural route is the ancient cities and historical settlements in Demre. Ancient Lycian Civilizations (the ancient cities of Aperlai, Theimiussa, Muskar, Alaklise and Belos) are located on the Ancient Road. For this reason, the Historical Lycian Way should be considered an important identity value for Demre.

Three important figures come to the fore in the Demre region. Among these figures, especially St. Nicholas is very closely associated with the identity of Demre.

St. Nicholas: In Patara, one of the important port cities of the Lycian period, A.D. He was born in 300 as the son of a rich wheat merchant. Saint Nicholas, who was considered the patron saint of children and sailors, became the Bishop of Myra on the borders of Demre and is estimated to have died on December 6, 365, at the age of 65. He is also known as "Santa Claus" (muze.gov.tr. 2024). St. Nicholas is one of the important saints who are generally loved, valued and recognized in Christian sects. St. Nicholas is seen as a reflection of the attribute of giving freely, which is one of the characteristics of Jesus Christ. On December 6, the day of St. Nicholas' death, services are held in Catholic and Orthodox Churches (Akça & Esen, 2020). St. Nicholas is a Christian bishop known as Santa Claus in modern and popular culture. Saint Nicholas, who lived a simple life, served as bishop in the city of Myra in the Lycian Union. It is said that St. Nicholas spent his life trying to understand Christianity correctly and providing help to people. Its legendary character emerged under the influence of folkloric beliefs and popular culture. The resulting legendary St. Nicholas character turned into the character of Santa Claus and has survived to this day by combining it with New Year's celebrations (Demirci, 2016: 558). Saint Nicholas is considered the most important identity value of Demre, as a person who left the most important mark in the historical process.

Nabizade Nazim is a story and novel writer who lived between 1863 and 1893. He published articles and stories on scientific subjects, especially poetry, in many newspapers. He also wrote articles analyzing various issues of language and literature, and especially after 1891, he attracted attention with his analyzes of divan poets such as Fuzûlî and Nedim in the "Tahlîlât-ı Edebiyye" column of Servet-i Fünûn magazine. It is the novel Zehra with its long story called Karabibik that made her famous in the history of Turkish literature. The subject of this novel takes place in the Kaş and Demre region, and the most important aspect of the story, which is understood to be based on the author's observations due to his duty there, is that it gives sections from the life of Anatolian villagers. The author took care to make the heroes speak according to their own level and in their local language. Along with his introduction, Karabibik is accepted as the first herald of realism and naturalism in Turkish literature. For this reason, he is known as a famous writer in the Demre region (İslamansiklopedisi, 2024).

Opramoas: He is considered the richest man and the most famous philanthropist of Lycia in history. He was born in the Ancient City of Rhodiapos, one of the Lycian Union cities in the 2nd century AD and became one of the most important rulers of the city. Opramoas left his mark on today's century as the richest philanthropist in the world, with a total of 3 million denars of aid to surrounding cities and people. Opramoas, with his very interesting life story, is very

important to set an example for the people of our time and emphasize the importance of cooperation, solidarity and especially not withholding all kinds of help that will add quality to life. Opramoas, who saw not only the needs of cities but also many needs of people and made them happy, was also known as a modest person (blog.delphinhotel.com, 2024).

5. Conclusion and Recommendations

Demre has a very rich potential in terms of natural and cultural values. Utilizing this potential requires a holistic and systematic natural and cultural heritage strategic planning to identify, protect and sustain the local identity values of the Demre in order to provide added value to the country and the region.

For this reason, cultural and natural values will play an important role in the emergence of the unknown identity values of the Demre and their transfer from generation to generation. The effective use of historical and natural resources in tourism will bring about both sociological and economic elements. It will also contribute to the necessary infrastructure works and investments in shaping cultural tourism.

For the versatile development of the Demre, natural and cultural heritage values need to be effectively constructed and managed sustainably with their current dynamics (especially the tourism and agriculture sectors). In this context, it is of great importance to ensure joint action and participation of all stakeholders related to Demre.

For this purpose, 3 basic goals have been proposed for the determination, protection and sustainability of the cultural identity values of the Demre.

Goal 1: **Realization of Spatial Planning/Design and Managerial Organizations of the Natural and Cultural Values of the Demre Region.**

Actions/Activities

- Demre's cultural and natural identity values should be inventoried holistically, digitized and updated in GIS environment,
- A holistic tourism strategic action plan for the Demre region should be made.
- Master development plans should be made for conservation purposes in areas given conservation status.
- Landscape projects suitable for the purpose of spaces containing urban identity and values should be made and implemented.
- Archaeological research and excavations in the region should be expanded and spatial organization should be made to be open to visitors,
- The Protection, Implementation and Inspection Unit "KUDEB" should be established within the Municipality to carry out and inspect the transactions and practices related to the immovable cultural and natural assets of Demre that need to be protected. This will also contribute to the promotion of destination tourism.
- Versatile research on traditional civil architecture in the Demre should be carried out and restoration work should be carried out in necessary areas,

Traditional civil architectural structures should be brought into tourism by giving them different functionalities,

• The number of green areas in and around the city should be increased and spatial organizations should be made,

Goal 2: Development of Local Sustainable Tourism in Demre Region

Actions/Activities

• To meet the need for accommodation for tourism purposes, a boutique hotel or hostel concept should be envisaged in existing civil architectural buildings. Especially village boarding houses should be encouraged.

• Local identity values should be promoted and informed through written and visual materials. (Festivals, festivities, bazaars, symposiums, panels, competitions should be organized, etc.)

• Ecotourism planning should be made and associated with the Lycian cultural route to protect natural areas and promote sustainable tourism activities.

• "Demre Ethnography Museum" should be established.

• Handicrafts Workshop Village and Handicrafts Museum should be established, where Demre life culture and traditional handicrafts are reflected,

• Product designs should be made for Demre's identity values, production and marketing options should be created,

• Lycian Culture Route and alternative cultural tourism routes should be created for Demre.

• Festivals for local identity values should be diversified and distributed throughout the year.

Goal 3: Sustainability and Development of Agricultural Values of Demre Region

Actions/Activities

• Traditional agricultural products of the region should be associated with local identity,

• Organic agriculture should be encouraged,

• Practices such as agrotourism, farm tourism, etc. should be encouraged to promote local agricultural activities and products,

• Organic local product market areas should be established and promoted.

• Agricultural farms in Demre should be turned into tourist attraction centers, encouraged and visitors should be provided with a rural life experience,

• Marketing strategies such as agricultural fairs should be developed in order to promote and sell local products in Demre in international markets,

• R&D studies should be encouraged to increase agricultural diversity and introduce new products in Demre.

The number of agricultural cooperatives should be increased.

Along with the holistic determination of the current and possible local identity values of the Demre Region, it is necessary to make holistic/partial senses and associations of the intellectual (cognitive), sensory and visual perceptions that the local identity values suggested by Gül et al., (2020) leave on the person. In addition, local identity values are defined as "Historical, Aesthetic, Economy, Artistic, Sense of Trust, Naturalness, Political, Democracy, Locality, Vital, Quality, Universality, Traditional, Food, Health, etc." It needs to be prioritized and interpreted by associating it with concepts. Afterwards, image and branding processes should be completed in terms of slogan-logo, symbol, event/action, product and color for the priority identity values, and activities such as advertising, promotion and marketing should be carried out. As a result, it will be possible to turn the Demre region into an important international destination area. In addition, producing and sharing visual and written materials will be of great benefit to promote all the values of Demre on a national and international scale.

As a result, the unique and local character of the Demre Region still has sustainable potential. For this reason, strategic decisions, actions and investments should be considered and implemented in the context of the ecologically based, nature-compatible, calm city concept and the protection and development of local identity, without damaging the natural character. In this context, while protecting natural and cultural values holistically, uses compatible with conservation should be especially preferred.

Multifaceted educational, scientific and recreational activities should be organized to raise awareness of all stakeholders and take responsibility for the existing natural and cultural identity values in the Demre Region.

Thanks, and Information Note

The article complies with national and international research and publication ethics.

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