

PIONEERING AN URBAN SUSTAINABLE FUTURE THROUGH TECHNOLOGY

EVENT GUIDE







Event Overview

The Urbanscapes Middle East Summit 2024 is set to be hosted in partnership with Dubai Silicon Oasis on June 5, 2024. It is a transformative gathering positioned to redefine the landscape of urban development. This exclusive event, themed "Pioneering An Urban Sustainable Future Through Technology," brings together the visionaries, innovators, and thought leaders of the industry to cover urban evolution. From exploring the processes of sustainable urban planning and smart construction to the realization of sustainable cities that contributes to resilience and eco-friendliness. Furthermore, the summit dives into the future with a focus on the technological applications in building smart cities, steering the mobility sector and dives deep into the often-overlooked but crucial aspect of arbitration in dispute resolution within the context of urban planning.

The Urbanscapes Middle East Summit 2024 is a platform where the participants can learn, exchange knowledge, network with their peers, and contribute to society by displaying their ideas and solutions. Keynotes from industry experts will discuss the path towards achieving Net Zero 2050 through sustainable urban living, while panel discussions with leaders in the field promise insightful conversations on the cutting edge of urban development. Attendees will have an opportunity to immerse themselves in interactive workshops, gaining practical insights into sustainable practices and the latest construction techniques. With networking sessions facilitating connections across diverse professional network, this summit is a gathering for urban planners, architects, government officials, technology enthusiasts, and legal experts to converge and collectively pioneer a future where technology harmonizes with sustainability for thriving urban environments

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fabWorks LLC – Where ART happens. We are the art enthusiasts and creative team of artists, sculptors, model makers, dedicated to promoting and celebrating the beauty of Art in all its forms.

Our Vision:

We envision a world where art is appreciated and valued as an essential part of human culture and expression. Through our diverse range of producing art, we aim to foster a deeper understanding and appreciation of various artistic styles, traditions, and movements.

Our Services:

fabWorks takes you thru a stress-free journey throughout the production & installation process. As an art company, we offer

3D Model Art | Styro Sculpt Art | Construction Art

Our Values:

Integrity: We maintain the highest ethical standards in all aspects of our business, ensuring transparency, honesty, and fairness in our dealings with clients/partners.

Diversity and Inclusivity: We celebrate the richness of artistic expression from various cultures and backgrounds by promoting diversity and inclusivity at our work place.

Quality: We are committed to offering only the finest artworks and services to our clients, striving for excellence in all that we do.

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GAINA, a Japanese ceramic insulation coating material, revolutionizes insulation solutions with its advanced technology. Formulated from cutting-edge ceramics, GAINA offers unparalleled thermal protection, shielding surfaces from extreme temperatures. Its innovative composition enhances energy efficiency, reducing heating and cooling costs. Gaina's versatility extends to various substrates, including metals, concrete, and wood, ensuring comprehensive insulation for diverse applications. Environmentally friendly and non-toxic, it promotes sustainable practices while safeguarding infrastructure. Trusted by industries worldwide, GAINA sets a new standard in thermal insulation, combining Japanese precision with state-of-the-art materials to create a safer, more efficient environment.

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Hydrofence is a Norwegian engineering company specializing in water, flood protection, stormwater management and infrastructure. With many years of experience in challenging climatic conditions, we work daily on climate adaptation and flood protection of our clients' assets and projects.

Hydrofence excels in joint-venture projects and is a preferred partner for engineering. We ensure cost-effective solutions that guarantee customer satisfaction. Our expertise lies in flood protection, stormwater management, water distribution, wastewater and sewer systems, water treatment, reservoirs, and pumping stations.

We also have expertise in NO – DIG solutions to minimize the footprint of our projects. With our engineering water becomes a resource in your projects.

Together with our partners, we have over 70 experts who can mobilize quickly for the client and solve the most challenging tasks. We have extensive experience in engineering, construction and securing both existing and new infrastructure in demanding climate conditions and landscapes.



Global Waste Cleaning Network – GWCN is the world's largest and most widespread environmental network. The non-profit network is comprised of NGOs, educational institutions, and private and public sector companies, that are active and interested in environmental issues related to the management and reduction of waste, whether solid, liquid or gaseous. GWCN is in particular dedicated to conserving and maintaining healthy oceans, coastlines, lands, and the atmosphere for both people and nature. GWCN supports environmental activities, showcases and connects its network members, contributes to environmental debates, and fosters scientific and policy environmental research.

08:00 - 09:00	Registration and Welcome Breakfast	
	Session 1 - Sustainable Urban Planning and Design	
09:00 - 09:05	Welcome remarks by Parul Rana – Head of Production, INOEX Global	
09:05 - 09:10	Welcome remarks by <i>Leon Coelho, Emcee</i>	
09:10 - 09:15	Opening remarks by Daniel Callaghan, SVP Marketing & Business Growth, Dubai Silicon Oasis	
09:15 – 09:30	Keynote: Digital Is Unlocking Potential for Sustainable Capital Projects <i>Dr. Mark A. Smith, Partner Major Programs, Deloitte</i>	
09:30 - 9:50	 Fireside chat: Promoting energy-efficient and environmentally friendly sustainable building practices for the construction sector Fostering innovation, knowledge exchange, and progress in sustainable construction practices Advancing sustainability across the real estate and infrastructure segments, while supporting initiatives that contribute positively to the environment Parul Rana, Head of Production, INOEX Global Abduallatif AlBitawi, Director of Emirates Green Building Council 	
Session 2 - Smart Infrastructure and Future of Mobility		
09:50 - 10:25	 Panel: The state of play of smart infrastructure in the UAE region Advancing from smart grids to green buildings to build a sustainable urban development Revolutionizing transportation by harnessing the potential of efficient mobility solutions Building tech forward communities that will enhance the smart cities infrastructure Dr Ali Al Amoudi - Consultant, IPI and Former Sustainable Development Advisor to UNDP & Environmental Specialist, UAE (Moderator) Sahul Hameed - Chief Sustainability Officer, Bin Dasmal Group Ismail Ozenc - Associate Vice President/Junior Partner, Siemens Advanta Consulting Dr. Samar Abdo M. Alghalebi - Energy Expert and Sustainability Advocate, Vestingrow 	
10:25 - 10:40	Keynote: The ministry of Energy and Infrastructure role in Urban planning Image: Infrastructure for the second s	38

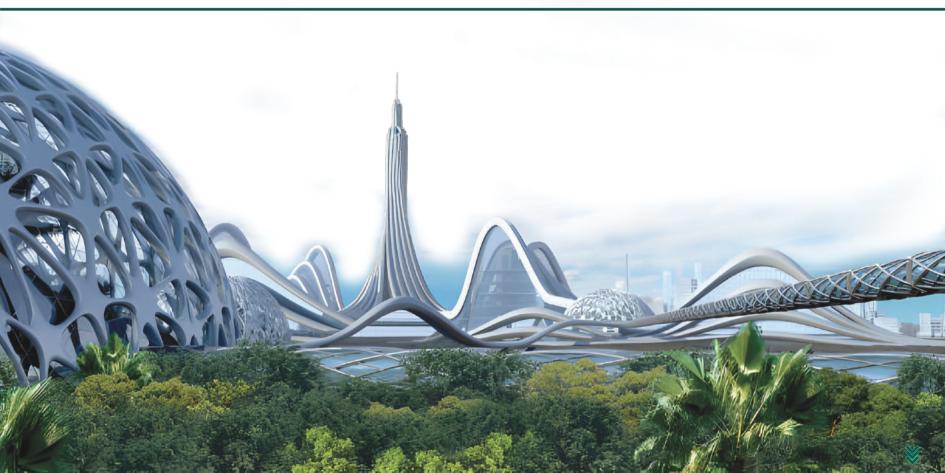
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10:40 - 10:55	 Keynote: Sustainable Urban Planning: Building the Cities of Tomorrow Exploring thoughtful infrastructure planning to create environmentally friendly, socially inclusive, and economically vibrant cities Raising standards and specifications of bridges and roads for UAE's overall infrastructure development Lukas Sokol - Head, City Design, Sustainable Planning & Approvals, Masdar City
10:55 – 11:10	 Keynote: Innovative Eco-Friendly Paint Formulations: Aligning with UAE's Net Zero 2050 Vision Zainab Iftikhar – Manager, Titanex General Trading
11:10 - 11:45	NETWORK AND COFFEE BREAK
11:45 – 12:00	 Shaping Green Urban Spaces through Sustainable Investments Exploring how cutting-edge technologies such as AI, Big Data, IoT, and Blockchain can revolutionize sustainable finance and investment strategies Sameera Fernandes - Chief Sustainability Officer & Board Member, Century Financial
12:00 - 12:15	 Keynote: Innovating Drainage and Flooding Solutions for Sustainable Urban Development in the UAE Exploring cutting-edge technologies and strategies to mitigate the impact of flooding and enhance drainage systems in urban areas of the UAE Showcasing successful case studies and innovative approaches in sustainable urban planning to address drainage challenges and prevent flooding incidents Emil Korsbrekke – CEO, Hydrofence
12:15 - 12:30	Keynote: The use of AI in detecting urban areas in Dubai Image:
12:30 - 12:45	 Keynote: Exploring innovative infrastructure projects driving sustainable utility solutions for tomorrow's cities Unveiling projects reshaping urban power infrastructure towards sustainability and resilience Exploring initiatives revolutionizing water management for efficient and eco-conscious urban living MOHAMMAD ALOQAYLI - Regional Businesses Development Manager at Acciona
12:45 - 13:00	Keynote: Underground digital twin Dubai

	 In implementation of the Dubai government's directive regarding the transformation of the Dubai government into a fully smart model, and as a commitment from the municipality to provide the finest and best services in accordance with international standards followed and innovative in various fields, the Building Regulation and Permits Agency has launched a three-dimensional infrastructure lines mapping project, which will be implemented in partnership between the technical teams specialized from Surveying Department and GIS center Department. The GIS center Department aim for the Digital Twin of the Emirates of Dubai, which is the infrastructure is an important component to enrich the Digital twin of Dubai Marthad Mohamed Othman Alamin - Senior GIS Technical Officer, Dubai Municipality
13:00 - 14:00	NETWORK AND COFFEE BREAK
14:00 - 14:15	Keynote: Smart Cities with Zero Carbon # TANI YOUCEFI ABDELAAZIZ – Smart Cities Consultant
14:15 - 14:30	Facilitating Human-Centric Design using Machine Learning <i>In Nihal Al Sabbagh, Founder & Design Director of Environas and Assistant Professor,</i> <i>The British University in Egypt</i>
14:30 - 14:45	 Keynote: Energy Efficiency for Sustainable Cities: Achieving SDGs 7 and II Al in identifying urban areas in Dubai, considering the city's unique landscape and complex development patterns. By leveraging Al advancements in image processing and machine learning, the project aims to recognize changes in urban areas within Dubai using KhalifaSat satellite images. Various Al-based approaches, such as deep learning models, are investigated for their ability to analyze remotely sensed imagery and detect characteristics indicative of urban development. Additionally, the project explores how Al can be integrated with Geographic Information Systems (GIS) and satellite imagery to improve the accuracy and efficiency of urban area detection processes. The findings highlight the potential of Al-driven techniques in providing timely insights into urban growth dynamics, thus supporting urban planning, infrastructure development, and the adoption of sustainable management practices in Dubai Dr. Roger Achkar – Director General, Global Waste Cleaning Network
14:45 - 15:20	Panel: Urban design for sustainability: strategies and challenges
	 Exploring innovative approaches to incorporate green spaces, parks, and sustainable landscaping into urban environments Examining the intersection of architectural aesthetics and sustainable design principles Exploring strategies for designing cities that prioritize inclusivity, accessibility, and the well-being of diverse communities

- Ir Ali Al Amoudi Consultant, IPI and Former Sustainable Development Advisor to UNDP & Environmental Specialist, UAE (moderator)
- Vasushree Mohta Director of Master Planning and Urban Design, Mirage Leisure and Development
- Dr. Samar Abdo M. Alghalebi Energy Expert and Sustainability Advocate, Vestingrow
- Tarek El Malatawy Sr. Manager, Master Planning and Urban Development, Cities & Built Environment, Azizi

15:20 – 15:30 CLOSING REMARKS BY LEON COELHO, EMCEE





Abduallatif AlBitawi

Emirates Green Building Council

With 25+ years of experience, Abdullatif specialises in sustainability, energy and environmental management. His areas of expertise also include quality and operations management and process technology. He is a chemical engineer in background and holds an MSC in Energy Studies and one of the first qualified energy engineers in Jordan.

Abdullatif is also a judge for number of prestigious international and national awards in energy and risk management. He is member of the Energy Institute and serves as the Honorary Vice Chair of the Middle East branch. He is also Specialist Fellow of the International Institute of risk and Safety Management (IIRSM) and served in many positions in the institute.



Daniel Callaghan SVP Marketing & Business Growth Dubai Silicon Oasis

Daniel is Senior Vice President of Marketing & Business Growth at Dubai Silicon Oasis; a leading Economic Free Zone in the United Arab Emirates and a key contributor to the Dubai Integrated Economic Zones Authority. Current partnerships Daniel is leading include initiatives with Emirates Development Bank, Dubai Chambers International, Dubai Economy & Tourism, MIT DesignX, and others.

Across a 20-year career, Irish national, Daniel has advised +200 governments, ministries of economy and foreign affairs, economic jurisdictions and multinational enterprises across 50 countries: occupying positions of responsibility for industry leaders including UK Trade & Investment, London & Partners, Enterprise Florida and Arizona Department of Commerce whereby he led teams generating more than 5,000 jobs from foreign investors.



Dr. Eng. Aishah Hassan Al Shehhi

Engineering Expert at Assistant Undersecretary for Federal Infrastructure Projects Sector Ministry of Energy and Infrastructure (MoEI)

Dr.Eng. Aishah Hassan Al Shehhi is an engineering expert within the Ministry of Energy and Infrastructure (MoEl), With over 15 years of dedicated experience in project management, urban planning, and sustainability, Dr. Al Shehhi brings profound expertise to her role. Her commitment to continuous academic advancement led her to obtain a Ph.D. in the philosophy of Sustainable Built Environment, further enriching her understanding of sustainable development practices. Dr. Al Shehhi holds a portfolio of professional certifications including those as an innovation specialist, Trainer of Trainers (ToT), sustainability diploma, and Project Management diploma. Her multifaceted skill set and unwavering dedication to advancing infrastructure projects underscore her invaluable contributions to the field.



Dr. Mark Smith has provided construction and programme advisory services for over thirty years, serving in key management consulting positions around the globe. Mark has led capital project consulting practices across the Americas, Asia-Pacific and Africa. He currently leads Deloitte Middle East's Infrastructure & Capital Projects team and is based in Dubai, UAE.

Mark is recognised as one of the leading experts in building capabilities and designing organisations to deliver mega projects and large-scale programmes. Mark has served clients across the entire project ecosystem, including global engineering & construction companies, emerging market governments, infrastructure fund investors and large multinational conglomerates. He brings his pioneering vision and approach to the delivery of some of the largest infrastructure projects in the world.

Dr. Roger Achkar Director General Global Waste Cleaning Network

Dr. Roger Achkar is an engineer and social scientist, with academic credentials from esteemed institutions such as Harvard, Leicester, Cranfield, and CentraleSupélec. His interests revolve around social science research's role in understanding and addressing the challenges and impacts of renewable and efficient energy systems, sustainable energy transition, and climate change. At present, Dr. Achkar holds the position of General Manager at a company specializing in engine-based and Solar PV power plant contracting, and EV trading. He also serves as the Director General of GWCN, a UK-based organization that stands as the world's largest environmental and energy network, boasting over 2,000 member organizations across 187 countries. With numerous years of experience at the senior and managerial level in MNCs and energy service companies in the MEA region, Dr. Achkar brings a wealth of knowledge and expertise to his roles.



Emil Korsbrekke Chief Executive Officer Hydrofence

Emil Korsbrekke is an experienced leader in infrastructure development, currently serving as the managing director of Hydrofence AS and EM Prosjekt AS. With a strong background as a project manager and engineer specializing in floodprotection, water, sewage, pumping stations, tunnells, stormwater, aquaculture and road systems. Emil has a passion for crafting efficient and sustainable solutions.

Over the years, Emil has acquired extensive expertise in project management, operations management, infrastructure system design, and construction management. His focus on integrating innovative methods into the planning and execution of infrastructure projects has contributed to successful outcomes and groundbreaking solutions.



Eng Marwa Obaid Al-Taffag

Head of Federal Buildings Design Section Ministry of Energy and Infrastructure

Eng Marwa Obaid Al-Taffag, an architect, holds a bachelor's degree in Architectural Engineering from Ajman University and a Master's degree in Urban Planning from the American University of Sharjah. She has 10 years' experience in the federal government in the fields of architecture, building and construction, urban planning and infrastructure. In addition to being a board member of the Emirates Society of Engineers, a member of the advisory board of the College of Architecture at Ajman University and a founding member of the Emirates Urban Planning Association. She obtained many accredited certificates, most notably, a diploma in government innovation from Imperial College of London, a diploma in the Fourth Industrial Revolution from Oxford University, in addition to obtaining a certificate of a scientific researcher accredited by the International Quality Learning Institute.

Hala Faozi Omar Salem GIS Specialist Dubai Municipality



Dr Ali Al Amoudi

Consultant, IPI and Former Sustainable Development Advisor UNDP & Environmental Specialist



Ismail Ozenc Associate Vice President/Junior Partner Siemens Advanta Consultina

Ismail Ozenc is Associate Vice President/Junior Partner in Siemens Advanta Consulting in the Middle East. He helps public and private organizations in smart city domain in generating sustainable economic growth by identifying and delivering customer-centric digital strategies and innovation opportunities powered by disruptive technologies at scale across the Middle East.

Mohammed Aloqayli Regional Businesses Development Manager

Regional Businesses Development Manager Acciona

Julio de la Rosa is a seasoned executive with over 18 years of experience, offering thorough understanding of operating principles and strong strategic and commercial acumen. With hands-on experience, technical and commercial, working on global flagship power/energy/water and environment projects, Julio joined ACCIONA in 2016 and since then he has been responsible for the overall management of all strategic and operational Marketing and Customer Relationship activities across Middle East regarding power, water and environment projects for development, Investment, EPC and OM activities.



Marthad Mohamed Othman Alamin

Senior GIS Technical Officer Dubai Municipality

Eng. Marthad Alamin is a surveying engineer with a bachelor's degree in surveying engineering and over 8 years of experience in the GIS field and surveying. He has successfully managed various projects in Dubai Municipality, including Indoor mobile mapping, underground utilities detection using GPR technology , and the implementation of the New Makani addressing system. Eng. Marthad Alamin has participated as a speaker in multiple events, including the prestigious Big 5 Global conference.

Lukas Sokol

Head, City Design, Sustainable Planning & Approvals Masdar City

Lukas Sokol is responsible for the Masdar City master plan including land use, transportation, public realm, development approvals, and sustainability. His team explores the latest strategies and technologies to pioneer a new model of development in which people live more meaningful, productive, and sustainable lives. Prior to joining Masdar City, Sokol came to the UAE to help with the founding of the Abu Dhabi Urban Planning Council, where he managed the Urban Design Studio for more than a decade. His work focused on development reviews, urban design, and master planning for the emirate of Abu Dhabi. Sokol has worked internationally in planning and urban design for over 20 years. He is passionate about designing cities that enable people to live meaningful lives and continues to research and lecture on city urban planning and design.



Sameera Fernandes

Chief Sustainability Officer & Board Member Century Financial

As CSO of Century Financial, Sameera works towards advancing the net-zero strategy and integrating the ESG framework across the organization. She also forges partnerships with government, public, and private entities. Recently, the company joined the United Nations Global Compact (UNGC), aligning with its long-term vision. Sameera wears two hats: she is a Global Educationist and a corporate veteran with over 23 years of experience at companies such as Sun Microsystems, Nokia, Al Ghurair, Jet Airways, and Paris Gallery. She has over 50 features published in Gulf News' Friday magazine. She is a member of the European Boardroom Advisors and the Institute of Directors, and the Board of Century Financial. She also serves as Chairwoman of the Dubai Chambers Stockbrokers and Investment Services Business Group.



Dr. Samar Abdo M. Alghalebi

Energy Expert and Sustainability Advocate Vestingrow

Dr. Samar Abdo M. Alghalebi is a highly esteemed Energy expert and sustainability advocate, operating out of Dubai, UAE. Her extensive expertise proves invaluable in assisting corporations in their sustainability transitions and ecosystem shifts. Dr. Alghalebi's proficiency lies in providing precise assessments and strategic techniques, particularly within heavy industries. With an illustrious educational background and a plethora of professional certifications, including a Certificate in Energy Management from the Institute of Energy Economic Japan (IEEJ), ISO50001 Energy Management System Consultant, Certified Energy Trainer (CEM), Certificate in Solar Energy and Electric, and PMP Certification, Dr. Alghalebi stands as a beacon of knowledge in her field. Moreover, her accreditation as a Certified Trainer (CPT) underscores her unwavering dedication to fostering education and training in sustainable methodologies.



Sahul Hameed Chief Sustainability Officer Bin Dasmal Group

Sahul Hameed is a MEP Professional and Business Development Executive with over 30 years experience in Electro Mechanical works in Construction Industry. Professional, dynamic and result oriented personality who can set up, lead a team, enhance and develop the MEP Operation with a challenge and strategic management approach with respect to organizations profitability, increase in market share, sticking towards Project completion time frames and in making the organization name in the local and global market.



TANI YOUCEFI ABDELAAZIZ

Smart Cities Consultant

TANI YOUCEFI ABDELAAZIZ senior project manager with over 18 years of experience in managing complex IT and telecom projects. Adept at handling diverse roles across organizational hierarchies, I excel in leveraging my expertise to drive individual and organizational growth. My proficiency includes managing passive infrastructure equipment like Towers, Shelters, DG, Power plants, Battery Banks, Air conditioners, and Power Interface units, with a strong focus on optimizing energy costs and implementing energy-saving projects. As a visionary executive and thought leader, I possess exceptional communication skills, analytical ability, and decision-making provess in various business scenarios. My leadership is recognized for building, retaining, motivating, and guiding high-performing teams to achieve organizational objectives. Notable accolades include the Medal of Employee Excellence from Abu Dhabi Police, Ministry of Interior UAE (April and December 2018).

Tarek El Malatawy

Sr. Manager, Master Planning and Urban Development, Cities & Built Environment Masdar City

Passionate about fostering vibrant and sustainable communities, Tarek is an Architect and accredited Urban Planner with a visionary approach to urban development. As a Licentiate member of the Royal Town Planning Institute (RTPI) UK, he brings inclusive insights and expertise to urban planning and built environments across the Middle East and GCC region.

With a portfolio spanning over 100 square kilometres of land developments, Tarek adopts planning strategies for new urban developments, re-imagining of urban districts, and master plans that prioritize inclusivity, accessibility, and the well-being of diverse communities while responding to economic, social, and technological challenges.

Vasushree Mohta

Director of Master Planning and Urban Design Mirage Leisure and Development

Vasushree Mohta is an award-winning designer with over 20 years of experience across the Europe, UK and the Middle East. Her design philosophy is centered around end user experience where she considers the various influences that shape our daily life. Whether it's a national plan or a tactical urban insert, Vasushree focusses on how we can create sustainable & human centric experiences that are inclusive and exemplify high quality of design. As part of her role, she oversees the complete planning and development process starting from creating a vision to translating it into an implementable project. Vasushree been directly involved on several significant master plan projects particularly in the Middle East where her clients include both public and private agencies.



Zainab Iftikhar Manager Titanex General Trading

Zainab Iftikhar is the Manager at Titanex General Trading, with over 5 years of experience in office management and process optimization. She holds a Master's Degree and is skilled in team coordination, policy implementation, and process improvement. Passionate about sustainability, Zainab is dedicated to enhancing operational efficiency and supporting green initiatives



Dr Nihal Al Sabbagh

Founder & Design Director of Environas and Assistant Professor The British University in Egypt

Dr Nihal Al Sabbagh is an environmental expert who has been teaching and practicing architecture and urban design for over 15 years in a number of institutions and consultancies in both Cairo and in Dubai. She holds a Ph.D. from the AA School of Architecture in London, a M.Sc. in Sustainable Design of the Built Environment. Her environmental global acts started in 2012 to spread awareness about the carbon footprint through the Sustainable Summer School at the British University in Dubai. In 2021 she founded the Design lab ENVIRONAS that aims to improve the Environmental impact through research-based designs. Dr. Nihal's publications focus on urban environmental assessments, thermal comfort to improve walkability and passive cooling for the outdoor environment.



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