

# Sustainability Gen-4

## Post COP 27 Conference 2023

9:00 am - 5:00 pm ( Cairo Time GMT + 2:00)

Conference Program				
<b>DAY 1</b>				
9:00 AM - 9:30 AM	Registration			
9:30 AM - 10:00 AM	Opening session			
	Welcome note by: Prof. Dr. Ashraf Mansour ( Head of Architecture department - Faculty of Engineering - MSA University)			
	Prof. Dr. Nahed Sobhi ( Dean of Faculty of Engineering - MSA University)			
10:00 AM - 10:30 AM	Key Note Speaker (1) (Prof. Dr. Nabil Mohareb ) American University in Cairo, Egypt			
10:30 AM - 11:00 AM	Coffee Break			
11:00 AM - 12:00 PM	Session 1			
	NO.	Paper Title	Author (s)	Affiliation
	1	Towards net-zero energy consumption with near net-zero initial cost. A case study from Georgia, USA.	Prof. Dr. Hussein Abaza	Department of Construction Management, College of Architecture and Construction Management, USA Kennesaw State University, Marietta, GA 30060
	2	The Biomimicry approach amid the global climate changes	Nadine Nour Eldin	Architecture department, Faculty of Fine Arts, Helwan University, Egypt
	3	Measuring the effect of atrium glass on the thermal comfort of office buildings in cold and mountainous climates	Dr. Malihe Taghipour	Oman college of management and technology, Muscat, Oman
	4	THE SUITABLE DENSITY OF VERTICAL GREEN SYSTEM ON OFFICE BUILDING FOR ENERGY SAVING	AYA HASSOUN	Beirut Arab University, Lebanon
	5	the impact of bioclimate on housing design with the inner courtyard of the Mediterranean countries.	Carol bassal	Beirut Arab University, Lebanon
12:00 PM - 1:00 PM	Session 2			
	NO.	Paper Title	Author (s)	Affiliation
	1	Assessment for the Role of Decentralization Councils in Sustainable Urban Development in Jordanian Cities	Narjis Mohammad Al Omush Dr. Shafer Moh'd Rababeh Dr. Safa Al Husban	Architectural Engineering department-Al al-Bayt University, Jordan
	2	Towards Net Zero Carbon Buildings: Accounting the embodied carbon in buildings and life cycle-based policy design: perspectives from Greater Bay Area, China	Liang Dong Bian Xin	Department of Public and International Affairs (PIA), and, School of Energy and Environment (SEE), City University of Hong Kong, Hong Kong SAR Shenzhen Research Institute (SRI), City University of Hong Kong, Shenzhen, 518057, China
	3	Potential of the Voluntary Sustainability Class to leverage sustainability in the Danish construction industry	Aliakbar Kamari Frederik Bruun Eriksen	Department of Civil and Architectural Engineering, Aarhus University, 8000 Aarhus, Denmark Department of Civil and Architectural Engineering, Aarhus University, 8000 Aarhus, Denmark
	4	The Application of Facilities Management in the Management of Public Parks: The Case of Cairo, Egypt	Dalia Aly	Architecture Department, Faculty of Engineering, University of Strathclyde, UK
	5	Smart Tourism in Managing Climate Change Effects In Tourism Industry And Tourism Development In African Countries.	Dr. John Lukenangula Eng. David MIHIGO	Department of Urban and Regional Planning, Ardhi University, Tanzania Key State Laboratory of Information Engineering in Mapping, Surveying and Remote Sensing (LIESMARS), Wuhan University, China
	6	Planning strategies, Green and Blue Infrastructures (GBI) and Nature- Based Solutions (NBS) to make urban ecosystems in transition more resilient and adaptive to climate change	Giuliana Quattrone	National Council of Research CNR, Institute of Atmospheric Pollution Research, UNICAL-Polifunzionale, Rende, Italy
1:00 PM - 2:00 PM	Lunch			
2:00 PM - 2:20 PM	Key Note Speaker (2) (Prof. Dr. Ming Hu) University of Maryland, USA			
2:25 PM - 2:45 PM	Key Note Speaker (3) (Mr Tim Carlson) Interlocking bottles Inventor, Washington DC, USA			
2:45 PM - 3:00 PM	Short Break			
3:00 PM - 4:00 PM	Session 3			
	NO.	Paper Title	Author (s)	Affiliation
	1	Urban Green Space in Setif, Algeria: Case of Bouaroua Garden	Boudab Safa, Dr. DIAFAT Abderrahmane and Pr. MADANI Said	Labo PUVIT, Ferhat Abbas University Setif 1, Algeria
	2	New Spatial Practices in the Old Gardens of Setif, Algeria Cas of El Amir Abdelkader archeological garden	BOUREGHDA N. Kaouther , Dr. Diafat Abdel rahmane , prof. MADANI said	Labo LAM, Ferhat Abbas University Setif , Algeria
	3	spatial practice and public gardens: Case of the Sports Garden in Setif	BOUANANI Kawther and Dr. Diafat Abdel rahmane , prof. MADANI said	Labo LAM, Ferhat Abbas University Setif , Algeria
	4	LUMBER REFABRICATION: Facilitating Reusing Lumber Waste for Prefabrication Through Augmented Reality	Bastian Wibranek	University of Texas at San Antonio, TX, USA
	5	public gardens and well-being : Case of the Raffaoui, the archaeological garden, in Setif, Algeria	Meziane Imane , Prof. Madani Said , Dr. Diafat Azzouz3	Labo LAM, Ferhat Abbas University Setif, Algeria
	6	Sustainable Renewal of an Empty Block to Public Urban Space: Gentrification of the Railway Workers' Housing Estate and its garden, Setif, Algeria	NEBBAD Toufik and Dr. Diafat Abdel rahmane , prof. MADANI said	Laboratory PUVIT, Ferhat Abbas University Setif, Algeria
4:00 pm - 5:00 pm	3D Modeling and printing Workshop (FabriGate)			
<b>DAY 2</b>				
9:10 AM - 9:30 AM	Key Note Speaker (4) (Hajar El Beltagy , Architect )			
9:30 AM - 10:30 AM	Session 4			
	NO.	Paper Title	Author (s)	Affiliation
	1	Enhancing Streetscape of sidewalks for Promoting Sustainability and livability in Shared Streets	Dalia Mohamed Fawzy Ibrahim	Assistant Researcher, National Research Centre, Egypt
	2	Walkability, Adaptability, Accessibility and Parking in Rapidly Growing Cities. The Case of Kigali City.	Dr. John Lukenangula Eng. David MIHIGO	Department of Urban and Regional Planning, Ardhi University, Tanzania Key State Laboratory of Information Engineering in Mapping, Surveying and Remote Sensing (LIESMARS), Wuhan University, China
	3	Nature, Architectural Composition and Human Well-Being: Case of a Contemporary Garden in Setif, Algeria	GHORAB Besma, Pr. MADANI Said and Dr. DIAFAT Abderrahmane	Labo PUVIT, Ferhat Abbas University Setif, Algeria
	4	Resolving Communication and Health Issues in Egyptian Architectural Firms: A Post-COVID Methodological Approach	Omnia Magdi , Mona Sakr, Taher Abd El-Ghani	October University for Modern Sciences and Arts, Egypt
	5	The application of Low-Impact Development in Cemetery:Case study in Tripoli, Lebanon	Hazem Aysh Said Maroun Yathreb Sabsabi	Faculty of Architecture-Design and Built Environment, Beirut Arab University, Lebanon Faculty of Architecture-Design and Built Environment, Beirut Arab University, Lebanon Faculty of Fine Art III, Architecture department, Lebanese University, Lebanon
10:30 AM - 11:00 AM	Coffee Break			
11:00 AM - 12:00 pm	Session 5			
	NO.	Paper Title	Author (s)	Affiliation
	1	Proposing USIT, an urban sustainability index tool, and its application in assessing the development of the Bordj El Kiffan municipality in Algiers	Dr. Mohamed Hocine	École Polytechnique d'Architecture et d'urbanisme, Algeria
	2	Green sporting Architecture: Technology for the sake of sustainability in stadiums.	Asma BOUSRI , Pr. Mustapha Cheikh Zouaoui and Pr. Amina Abdessemmed Foufa	ETAP laboratory, University of Blida 01, Algeria
	3	Metaverse in Architecture: An Approach to Preserve The Egyptian Heritage Through Metaverse	Abeer Ahmed Ramadan , Ashraquat Khaled Khalaf	October University for Modern Sciences and Arts, Egypt
	4	Urban Microclimates Simulation & Coupling Techniques in Present and Future - A case study in New Obour City, Egypt	Dr. Eman A. Saleh Bassel Essam	October University for Modern Sciences and Arts, Egypt Arab Academy of Science, Technology & Maritime Transport, Egypt
12:00 PM - 1:00 PM	Session 6			
	NO.	Paper Title	Author (s)	Affiliation
	1	Proposed Post Pandemic Design Guidelines for Design Districts	omar zahran and Group	October University for Modern Sciences and Arts, Egypt
	2	Creating Healthy Environment in Public Buildings: The Case of Online Shopping Companies	Marwa mohamed farouz and Group	October University for Modern Sciences and Arts, Egypt
	3	Post-Pandemic Office Buildings: Design Guidelines for Adaptable Offices	Nour elhoda goma and Group	October University for Modern Sciences and Arts, Egypt
	4	Airports design solutions to cope with pandemics with special reference to Delta region in Egypt.	Micheal Essam and Group	October University for Modern Sciences and Arts, Egypt
1:00 PM - 2:00 PM	Lunch			
2:00 PM - 2:20 PM	Key Note Speaker (5) (Bahaa Maher , Architect & youtuber)			
2:30 PM - 4:30 PM	3D Modeling and Printing Workshop (FabriGate)			
4:30 PM - 5:00 PM	Closing Session			
<b>Conference committee</b>				
Head of Conference:	Prof. Dr. Ashraf Mansour			
Conference organizing committee	Prof. Dr. Maysa Omar Dr. Eman Saleh Dr. Ghada Ghazala L.A. Lobna Galal L.A. AlShaimaa Galal T.A. Merna Reda			

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