

VFC International Conference 2022 Schedule

FIRST DAY SESSIONS - SAFIR HOTEL, CAIRO
Saturday, September 24, 2022

09:00 – 09:30		Registration
09:30 – 11:00	Welcome Opening Ceremony	Grand Hall 1
<i>Moderator</i>	Assoc. Prof. Ahmed Haron <i>Head of Arch. Dept. of CHI -Cairo</i>	
<i>Conference Chair</i>	Prof. Mohamed Abo Al Magd <i>Al Azhar University</i>	
<i>Head of Sc. Committee</i>	Prof. Khaled Dewidar <i>Vice Dean of BUE</i>	
	Prof. Mona Soliman <i>Dean of CHI - Cairo</i>	
	Prof. Walaa Nour <i>Head of Arch. Dept. of Tanta University -Cairo</i>	
11:00 – 12:30	Keynote Speaker Grand Hall 1	Parallel Session 1 Grand Hall 2
<i>Moderator</i>	Prof. Khaled Dewidar <i>Vice Dean of BUE</i>	<i>Chairs</i> Prof. Mohamed Abdelaziz – Al-Azhar University Prof. Mohammad Hussein Refaat – Cairo University Assoc. Prof. Mai Wahba - Tanta University
11:00-11:45	Arch. Duncan Denley, <i>Desert INK, UK &UAE</i> <i>Context Driven Landscapes: Materials, Technology and Sustainability</i>	<i>Presenters:</i> 1-Lec. Assist. Mohamed Haroun Ismael/prof. Sahar Attia/prof. Heba Allah Essam E. Khalil Simulating urban land development by role-playing experimental gamification, in Egyptian context 2 -T.A. Amira Gaber/ Prof. Walaa A E Nour/ Assoc. Prof. Marwa A Qamar Al-Dawla Sustainable urban design of urban spaces in residential areas and their impact on human behavior.
11:45-12:30	Arch. Petter Bergerud Professor, architect Department of Design, University of Bergen, Norway The City – a Physical Framework for a Future Generation	3- Arch. Wesam K ElSharkawy/ Prof. Eman M E Attiya. السياحة البيئية وأثرها على التنمية الاقتصادية في النوبة في إطار خطة الاستدامة (دراسة حالة لالترقاء بمستوى معيشة السكان وتحقيق الاستدامة من الإمكانيات والثروات الطبيعية) (جزيرة هيسا – أسوان) 4-Arch. Taqwa Mohamed Sobhy/ Prof. Walaa Ahmed Nour/ Assoc. Prof. Marwa Ahmed Kamer Al-Dawla العلاقة بين التصميم العمراني والاستدامة الاجتماعية للفراغات العمرانية 5- Assist. Prof. Ahmed M S ElSaadany/ Prof. Zeinab Feisal Green roof awareness, opportunities, and challenges in Egypt

13:00 – 14:30	Parallel Session 2 Grand Hall 1	Parallel Session 2 Grand Hall 2
	Green Infrastructure and Sustainability - Urban Policy and Socioeconomics	Performance and Assessment in Architecture and Urbanism
	<i>Chairs</i>	<i>Chairs</i>
	Prof. Adel Yassin - Ain Shams University	Prof. Sadek Ahmed Sadek - Benha University
	Prof. Mohamed Abo Al Magd – Al Azhar University	Prof. Ahmed Shetawy - May University
	Prof. Zeinab Feisal - Benha University	Prof. Husam Bakr Khalil - BUE
	<i>Presenters:</i>	<i>Presenters:</i>
	1-Assist.Prof. Tamer Anwer Elgbalay/ Assist. Prof. Rasha Said Abd el-Lateef The Search for a New Theory of Sustainable Architectural Design: Breathing Architecture	1-Assist. Prof Aya Elkhoully Child Friendly City as a Participatory approach to enhance sustainable development: Case of Mingdong Community, Ningbo.
	2-Assist. Prof. Eman H Ayad/ Assist. Prof. Sarah E. Abdel Rasheed Sponge cities technology: Guidelines for Applying in Egypt.	2- Arch. Hisham Mahmoud Elmrady/ I Mahmoud, M Mahdy and H Elkady Sustainability assessment of a slum upgrading intervention in Ghait El Enab , Alexandria , Egypt
	3- Arch. Kholoud Bakir/ Prof. M El-dek, Prof. AKhedr. Sustainable Design Using Building Information Modeling to Raise Efficiency of a Residential Building in the New Administrative Capital	3- Eng. Mohammed A M Hussain/ Assoc. Prof. Mohamed M. Mahdy/ Assist. Prof. Mohamed Rabie. Taking advantage of single patient rooms as a major support for the Healing environment System in Egyptian Hospitals.
	4- Arch. Abir tarek/ Dr. Marwa A Abdelhady تأثير البعد الاجتماعي علي الكفاءة العمرانية "رؤية لتحقيق جودة الحياة بالمدن الجديدة"	4-Assist. Prof. Ahmed M S ElSaadany/ Assoc. Prof. Ayman Abdelhamid التأثير التبادلي بين التصميم وسلوك المستعملين تطبيقاً على الفراغات العامة
	5-Assist. Prof. Bakr H P Al-Ashwal/ Prof. M El-dek/ Assoc. Prof. A Khedr. "Towards a low carbon city"; A study of urban transformations based on rapid transit projects in Greater Cairo.	5- Assist. Prof. Mennatullah Hendawy/ Maria C V Gonzales/ Hend A. Elhawy The Ladder of Emotional Mapping: Visualizing emotions for planning inclusive cities

15:30 – 17:00	Parallel Session 3 Grand Hall 1	Parallel Session 3 Grand Hall 2
	Architecture Design and Sustainability- Environmental engineering & Green technology	Building and Energy Efficiency - Performance and Assessment in Architecture and Urbanism.
	<i>Chairs</i>	<i>Chairs</i>
	Prof. Ali Abu ghanimeh - Jordan University	Prof. Amal Abdo - Helwan University
	Prof. Khaled Dewidar - BUE	Prof. Alaa Mandour - Helwan University
	Prof. Hossam Eldin Ibrahim - HRBC	Prof. Mohanad Al-Agamy - Minya University

Presenters:

1-Arch. Hadir Youssef Helal/ A A Elmanzlawi/ S A Sheta.

Reshaping social housing spaces as vibrant places, Msaken elMagzar, Mansoura, Egypt

2-Lec. Assist. Rowaida Hamdy Ali/ Prof. Mohamed M. Afify/ Prof. Ayman A. Othman/ Assoc. Prof. Walid Abdel-Meniem.

Analysis of Sustainability Assessment Rating Systems for Existing Healthcare Buildings.

3-Lec. Assist Taher omar, Assist. Prof Sahar Morsi Mohamed, Assist. Prof Mohamed Seif Al-Nasr Ahmed

Applications of smart material to enhance daylighting as a tool to improve sustainable of atriums

4- Assist. Prof. Somaya Kayed , L. G. , F. H. Aut, A. G. , M. H.

Setting an agenda for AI adaptivity in Urban and Architecture e-learning

5- Assoc. Prof. Mai Wahba Mohamed Madkour, Eng.Nawal Nasser Shhabaka, Assoc. Prof. Marwa Ahmed Kamer Al-Dawla.

Smart Building Materials Towards Environmental Healthy Buildings

6- Assoc. Prof. Ahmed Ali Ahmed Gaber/ Assist. Prof. Abdullah Mossa Alzahrani.

The Proportions Code and The Environmental Aspects as A Design Generator for The Minarets in Cairo of the Mamluks

Presenters:

1-Arch/ Hanan H Arafat

كفاءة الطاقة في المباني، التقليل من احتياجات المبنى من التبريد

2- Lec. Assist. Reem Taher

Sustainable Building: To Achieve Thermal Comfort in Highly Glazed Buildings Using Smart Glass.

3-Arch. Shaymaa El-Sayed Ahmed Gad/ Prof. Walaa Ahmed Nour/ Assoc. Prof. Dr.Marwa A Qamer Al-Dawla

How does the interior design of learning spaces impact the students` health, behavior, and performance?

4- Arch. Sara Tarek

Health Promoting Qualities Framework for Blue and Green Landscapes: Applying Perceived Restorativeness on a Case Study of Nile Riverfront in Greater Cairo Region

5- Arch. Mariam Ebeid

Transformation Of Urban & Architectural Qualities In Old Cities In Oman Over A Decade

6- Assoc. Prof. Islam Ghonimi

Sustainable Quality-of-Life in Neighborhoods: Bridging the Gap Between Satisfaction and Performance in four types of neighborhoods in GCR - Egypt

VFC International Conference 2022 Schedule

SECOND DAY ONLINE VIRTUAL SESSIONS

Sunday, September 25, 2022

09:30 – 11:00		Parallel Session 1 Virtual Hall 1	Parallel Session 1 Virtual Hall 2
		Performance and Assessment in Architecture and Urbanism	Architecture Design and Sustainability
		<i>Chairs</i>	<i>Chairs</i>
		Prof. Mohamed Abo Al Magd - AlAzhar University	Prof. Laila Khodeir - Ain Shams University
		Prof. Abdel Karim H. Mohsen - Islamic University of Gaza	Assoc. Prof. Alexander Kader - Anhalt Hochschule, Germany
		Assoc. Prof. Faris Ali Mustafa - Salahaddin University, Iraq	Assist. Prof. Eman Hatem Ayad - CHI
		<i>Presenters:</i>	<i>Presenters:</i>
		1-Arch.Tarek Mohamed Gaber/ Prof. Ibrahim Maarouf/ Prof. Amira A. Fathi. Characteristics of Iconic High-rise Buildings	1-T.A. Toka Hossam Beah/ Assist. Prof. H Kotp/ Assist. Prof. A Al-Menshawhy. Transforming existing Egyptian cities into sustainable cities.
		3- Assoc. Prof. Ahmed Haron/ Assist. Prof. Hayam M. Omayer Knowledge, Perception, and Intention of Professionals Related to The Transformation from Gray to Green Infrastructure in Egyptian Cities	2- Lec. Assist. Enas Sayed Ahmed Abbas. Social Sustainability in Residential Communities “The Quality of Life through Users’ Behavioral Attitudes”.
		3-Arch. Esraa Mohamed Abdo Mahmoud Gomaa/ Assoc. Prof. Marwa Kamar/ Assoc. Prof. Mai Madkour. Environmental Architectural Design during the Pandemic Era: Office Buildings as a Case Study	3- Lec.Assist. Amira Mohamed Hassan Mahrous/ Prof. Khaled M Dewidar/ Prof. Mostafa M Rifat/ Assoc. Prof. Ashraf A Nessim Biophilia as a Sustainable Design Approach for University Buildings Design: a case study in University Campus drawing studios Cairo, Egypt.
		4- Arch. Ola Mahmoud Marouf/ Assoc. Prof. Azza Elsakksa/ Assoc. Prof. Mai Madkour. Biomimetic Approach for Thermal Performance Optimization in Sustainable Architecture. Case study: Office Buildings in Hot Climate Countries	4- Lec. Assist. Shima Magdy, Lec. Assist.Haidy Ehab,Arch.Fatma A Bahgat Comparative Analysis of River waterfront Urban Spaces to enhance social interaction: Case Study of Mamsha Ahl Masr in Cairo
		5- Arch. Samiha Boucherit/ D. Berkouk/ T.A. Bouzir/ M. Masullo/ L. Maffei. A Review of Inclusive Design and Multisensory Interactions Studies and Applications in Public Spaces.	5- Lec. Assist. Hind H Mostafa, Prof. Sahar Attia, Prof. Zeinab Feisal. A strategy for Lakes ecological restoration by integrated constructed wetlands, Case study: lake Qaroun, Egypt.
11:00 – 12:00		Break	

12 :00– 13:00		Keynote Speakers Virtual Hall 1	Parallel Session 2 Virtual Hall 2
		Assoc. Prof. Ahmed Haron - Moderator Head of Arch. Dept. CHI	Environmental engineering, Sustainability and Green technology
			<i>Chairs</i>
			Prof. Mohamed M. Shawky Abou Leila - Mansoura & Umm Al Qura University

Prof. Galal Abada

*Professor and Consultant of Architecture, and
Urban Development and Conservation
Ain Shams University- Cairo*

ما الذي يجعل الأماكن العامة "إنسانية"؟

What Make Public Places "Human"?

Assoc. Prof. Yasmin Sabry - Zagazig
University

Assist. Prof. Sara El Sayed - CHI

Presenters:

**1- Eng. Mostafa Yehia/ Seham Mostafa /
Tarek Abou El Soud/ Nada Saleh**

Lean and green approach as a tool for the
Environmental Performance assessment of
Industrial Area Case Study: Shaq AlThoaban

**2- Assist. Prof. Reem Ali T AL Othman/
Prof. A R Abdin/ Prof. A H Mahmoud.**

The effect of using vegetated façades on CO2
emissions in multistory residential buildings,
in cold semiarid and hot arid climate.

**3- Assist. Prof. Hayam M Omayr/
Arch.Mohamed A Mobarak /Arch. Omar
Selim**

Digital Transformation: towards Sustainable
and Smart New Cities in Upper Egypt (New
Qena Case study).

**4- Eng. Nourhan Ayman Bawdy/ Prof.
Tarek Abou El-Seoud/ Dr. Seham Qotp**

Environmental health risks assessment to
PM10 exposure from petroleum refining
activities: a case study of (CORC), Mostord,
Egypt.

**5- Assoc. Prof. Ahmed Omar M.S. Mostafa
Arch.Raghad Ahmad Aljarbou**

BIM & BEM for a Net Zero Energy house
model Case Study: A Housing Unit in Riyadh,
S.A.

13:00 – 13:30

Break

13:30-
15:30

Parallel Session 3
Virtual Hall 1

Parallel Session 3
Virtual Hall 2

Parallel Session 3
Virtual Hall 3

**Performance and
Assessment in Architecture
and Urbanism**

**Green Infrastructure
and Sustainability-
Environmental risk
assessment in Architecture
and Urbanism**

**Urban Policy
and Socioeconomics-
Building information
modeling and
sustainability**

Chairs

Prof. Gamal A. Elkholy -
Ain Shams University

Assoc. Prof. Ahmed Haron
Moderator

Head of Arch. Dept. CHI

Assist. Prof. Hayam Omair
CHI

Presenters:

**1- As'har Habbab/ Assoc.
Prof Dalia Hussain El
dardiry /prof. Islam
Hamdi El Ghonaimy.**
Rapid construction shelters for
temporary communities, case

Chairs

Prof. Alaa Farid - Al Azhar
University

**Assoc. Prof. Ahmed
Mohamed Saleh Khedr** - Suez
Canal University

Assoc. Prof. Ingy El-Darwish
- Tanta University

Presenters:

**1-Arch. Darin Refaat, Lec.
Assist Shimaa magdy, Lec.
Assist Aya ELMeligy**
The Notion of Liner parks as a
continuous sidewalk for
sustainable urban space: " Case

Chairs

**Prof. Ahmed Hosny
Radwan**-Helwan University

**Assoc. Prof. Areaj Khairy
Alrawi** – Baghdad
University

Assist. Prof. Aya Elkhoully

Presenters:

**1-Assist. Prof Noha H.
Hefnawy.**

The effect of using green
walls in enhancing the
imageability

of Syrian children's homeless refugees, North of Syria

2- Assoc. Prof. Ahmed Omar M.S. Mostafa/ Arch. Yosr Rashwan

بدائل لتحسين الاداء الحراري لنوافذ واجهات المباني السكنية باستخدام تطبيقات المحاكاة - حالة دراسية ألد المباني السكنية بمدينة الرياض

3- Assoc. Prof. Ahmed Omar M.S. Mostafa Arch. Mohamed Al jarAllah

التقنيات الرقمية لإحكام الجداول الزمنية لمشاريع التشييد - تحليل مبني على المراجعات الأدبية للإتجاهات والتحديات

4-Arch. Elham Fettouh Elsayed El-Dmerdash/ Prof. Walaa Ahmed Nour/ Assoc. Prof. Marwa Qamer Al-Dawla.

The Role of Human Needs in Urban Renewal and Development of Urban Spaces for City Centers.

5- Assist. Prof. Shimaa Abdel Megeed/ Arch. Heba M M Elkorny.

تقنيات الخامات ودورها في التصميم الداخلي للمباني الثقافية.

6- Arch. Aya El-Gendy, Arch. Ahmed Emara.

Design Guidelines for Central Libraries in Egypt; Towards High Qualified Environmental Efficiency

Study of Constructed Wetland Park 10 Ramadan City"

2- Lec. Assist. Shams Mahmoud Taha Sleem/ Prof. A Mandour/ Prof. M Diab

Guidelines for Urban Quality Assessment to Uplift Sustainable development of the Built Environment. Case Study of AL Rehab Neighborhood.

3- Assist. Prof. Mariam Ehab /Arch. Aya El Hozayen

Parametric study on Environmentally Friendly Blast wall systems

4- Lec. Assist Manar Hussain, Assist. Prof. Enas Abdel Sabour, Assist. Prof. Sayed Marei Mansour.

Nanomaterials in facades A Tool Towards Environmental Sustainability in Egypt.

5- Assoc. Prof Mona Y. Shedid.

Exploring the different qualities of dynamic configurations in Smart Urban Spaces.

6- Assoc. Prof. Mona Y. Shedid/ Assist. Prof Noha H. Hefnawy.

Influence Of Landscape Elements on Visual Design Elements in Order to Enhance the Visual Quality of Urban Spaces.

of urban spaces

1-Assist. Prof. Rana Hammam/ L.A. Salma Anwar/ Assist. Prof.

Mennatullah Hendawy Health Justice: The Entanglement of Quality of Life and Neoliberalism

3- Lec. Assist. Enas Sayed Ahmed Abbas.

New Scenario for Sustainable Coastal Tourism: "The role of the Internet of Things (IoT) as a new approach for Smart Tourism Destination"

4- Assoc. Prof. Ahmed Omar M.S. Mostafa/Arch Ahmed Yasser

Benefits and Challenges of integrating IoT, VR & AR to enhance decision making in BIM-based FM process Literature and case-based analysis.

5- Lec. Assist. Dalia Abdel Fattah.

A systematic framework for improving the quality of lighting in the internal environment of elderly homes "Study of the visual and non-visual effects of lighting"

6- Arch. Pensee Tarek/ Prof. Laila M Khodeir/ Prof. Ahmed A Faggal.

Integrating the principles of Lean management into the design process of green tall buildings.