



Pharos University in Alexandria  
Vice President for Graduate Studies & Research  
International Ranking committee



# THE Impact Ranking SDG11 Report

# 11

## Sustainable Cities and Communities





## SDG 11 Sustainable Cities and Communities Events

Cities and communities must themselves be sustainable. More and more of the world's population lives in urban centers, and this is often the home of our universities too. Cities can be places of great innovation and opportunity, but they can also be home to intense poverty and inequality. The interaction between universities and their communities, urban and rural, needs to be a positive one that can last for generations.

## SDG 11 Sustainable Cities and Communities Events

### “Towards a Sustainable Tomorrow” competition

<https://www.pua.edu.eg/towards-a-sustainable-tomorrow-competition/ August 31, 2022>

“Towards a Sustainable Tomorrow” annual competition was held at PUA’s Faculty of Engineering, under the auspices and support of Birla Carbon.

The competition was opened at 9:30 am with a speech from Prof. Dr. Muhammad Gaber Abu Ali, Dean of the Faculty of Engineering. After that, the senior students presented their competing projects Four academic departments participated in the competition, namely:

- Petrochemical Engineering Department (two projects)
- Mechanical Engineering Department (four projects)
- Electrical Engineering Department (two projects)
- Construction Engineering and Management Department (two projects)

Together, the competing projects reached 10 projects and were evaluated by a jury comprising of:

Dr. Mona Gamal El-Din, Dean of the Faculty of Energy, Environmental and Petrochemical Engineering, Egyptian Japanese University

- Dr. Boshra Salem, Dean of Graduate Studies and Research Affairs
- Dr. Mohamed Naim Anwar, Vice Dean of the Faculty of Engineering for Education and Student Affairs
- Dr. Wael El-Maghlany, Head of the Mechanical Engineering Department, Faculty of Engineering, Alexandria University.



Further, the faculty members who supervised the graduation projects along with the competing students were honored and awarded certificates of appreciation.

At 2 pm, the results were declared and in the first place came the Petrochemical Engineering Department with a project entitled “Improving the Performances of Cellulose Acetate membrane for Water Desalination by doping Nano-graphene Oxide”. This project was supervised by Dr. Aya Suleiman and Dr. Ashraf Morsi, and was awarded a prize money of EGP 17,000.





## Sustainability Competition

<https://www.pua.edu.eg/sustainability-competition/2022/7/19>

Within the sustainability week launched by the Tourism Department, 3rd year students in the tourism impact and sustainability course – as part of their final dissertation – presented a set of creative ideas. These ideas reflected the concept of sustainability and its significance for tourist destinations.

The students were divided into a group of competing teams, under the supervision of Assoc. Prof. Dr. Ghada Bassiouni, and Prof. Amr Moroccan. Each team was keen on implementing an idea that reflects the concept of sustainability in tourist destinations.

This was done by designing posters, fliers, and magazines, that highlighted the extent to which they have acquired the learning skills targeted in the course specification.



## Climate Conference

<https://www.pua.edu.eg/climate-conference-2/May 22, 2022>

A high-level delegation from Pharos University participated in the “Future of Alexandria and Climate Challenges” conference held at the Bibliotheca Alexandrina on Tuesday, March 29, 2022, which was co-sponsored by Pharos University. The delegation included Prof. Dr. Mahmoud Mohy El-Din, President of the University, Prof. Dr. Prof. Nourhan Fanaky, Vice-President for Education and Student Affairs, Prof. Dr. Prof. Ramadan Abu El-Ala, Vice President of Community Service & Environment Development Affairs, Prof. Dr. Boshra Salem, Dean of Postgraduate Studies and Research, and Prof. Dr. Ramadan Abdel Maksoud, Supervisor of the Department of Architecture, Faculty of Engineering, along with a number of university students. Further, the delegation members participated in the important discussions and recommendations produced from the sessions held in this regard.





## Department of Electrical Engineering in The First Egyptian Hackathon for Smart Cities

<https://www.pua.edu.eg/department-of-electrical-engineering-in-the-first-egyptian-hackathon-for-smart-cities/>

April 5, 2022

Within the framework of its interest in participating in major local events, the student from the Department of Electrical Engineering are currently participating in the activities of the first Egyptian Hackathon for Smart Cities at the national level. The event was held at Benha University from March 24 to March 26, 2022 under the patronage of His Excellency the Minister of Higher Education and Scientific Research, and in partnership with the Amazon Web Service.

Benha University, as the organizer of the event, announced that 478 teams representing 50 Egyptian public, private, and national universities applied to participate in the hackathon. The teams were later shortlisted to only 40 teams representing 25 universities.

The electrical engineering department team was chosen as the sole representative of Pharos University. The team includes five students from the fifth year, namely: Mohamed Abdel Azeem, Fayza Abdel Fattah Mohammad, Ahmed Khalil, Seif El-Din Mahmoud, Mohammad Ali Ahmed. Further, the project presented was supervised by Prof. Dr. Ahmed Abdullah. The team is also accompanied by Eng. Abdul Rahman Khaled, teaching assistant, as a supervisor.



Prof. Dr. Muhammad Abdul Rahman, Academic Supervisor of the Electrical Engineering Department, said that the 25 teams compete in ten different fields, including smart buildings, smart parks, smart schools and universities, smart facilities, smart management, and others.

Furthermore, the event coincides with the biggest current challenges of the Egyptian state, which is digitization and smart digital transformation. Prof. Dr.



Muhammad Abdul Rahman also stressed the importance of the participation of Pharos University and its students in these major competitions and forums which allow students to acquire the necessary skills for competition, challenge, and innovation. Further, to honor the university's quest in the adoption of engineering educational competencies that keep pace with the requirements of the times.

## A Field Visit to Bibliotheca Alexandria's Monuments Museum

July 4, 2022

<https://www.pua.edu.eg/a-field-visit-to-bibliotheca-alexandrias-monuments-museum/>

On Sunday, May 8, 2022, the Faculty of Arts and Design organized a field visit to Bibliotheca Alexandria (Monuments Museum) for the freshman students of the Painting Department (Drawing and Painting Major) as a part of the requirements for the Drawing (2) course code P212.

This visit was supervised by the course lecturer, Dr. Sherine Mokhtar. The students studied a selection of statues dating back to the Hellenistic, Roman, Byzantine and Islamic periods. These studies were later used to create different designs inspired by the students' thoughts using different painting techniques.



## Creating Artworks Using Acrylic Medium Workshop

June 26, 2022

<https://www.pua.edu.eg/%d9%88%d8%b1%d8%b4%d8%a9-%d8%aa%d9%86%d9%81%d9%8a%d8%b0-%d8%a7%d9%84%d8%a3%d8%b9%d9%85%d8%a7%d9%84-%d8%a7%d9%84%d9%81%d9%86%d9%8a%d8%a9-%d8%a8%d8%a7%d8%b3%d8%aa%d8%ae%d8%af%d8%a7%d9%85-%d9%88%d8%b3/>

## Creating Artworks Using Acrylic Medium Workshop

As part of PUA's student activity programs, the Faculty of Arts and Design organized a workshop entitled "Creating Artworks Using Acrylic Medium". This workshop was prepared by Prof. Dr. Shaimaa Khudair, Assistant Professor in the Graphic Department.

Wood painting is a visual art that adds an aesthetic touch to the surfaces of the interior walls. Various media can be used such as oil colors, acrylic, and other media that are characterized by color stability.

However, using acrylic medium is one of the favored choices in visual arts; as it quickly dries, easy to use, and gives a covering layer whose thickness can be controlled, from light transparent to opaque. In addition, numerous textures can be produced using different types of brushes.







## A Visit to National Museum of Egyptian Civilization

June 20, 2022

<https://www.pua.edu.eg/84517/>

### A Visit to National Museum of Egyptian Civilization

In pursuance of developing the imaginative and creative abilities, students of the fourth year (seventh semester) at the Architectural Department conducted a field visit to Cairo to visit the National Museum of Egyptian Civilization in Al Fustat, as well as the Children's Civilization and Creativity Center in Heliopolis. This visit came within the activities of the Architectural Design Course 5 – EA411.

This visit was under the supervision of faculty members: Asst. Prof. Dr. Mona Mohamed Naguib, Dr. Nadia Samir, Dr. Heidi Shehata, along with a group of teaching assistants.

The visit aimed to expand the students' awareness and develop their knowledge of the design and construction fundamentals related to the design of museums in terms of exhibition halls of all kinds, different spaces, as well as their facilities.





## Don Quixote's Novel Reading Event

June 15, 2022

<https://www.pua.edu.eg/don-quixotes-novel-reading-event/>

The Spanish Department of the Faculty of Languages and Translation, in cooperation with the Spanish Embassy, organized an event for reading Don Quixote's novel in both Spanish and Arabic. Students of the Department of Spanish Department from different years, faculty members, and teaching assistants from all departments participated in reading parts of the novel. This event was supervised by Prof. Dr. Hala Awad, Head of the Department of Spanish Language, sponsored by Prof. Dr. Sahar Hamouda, Dean of the Faculty, and coordinated by Mrs. Rania Bassiouny, Coordinator of the Faculty's International Relations.





## Field Visit to Al-Mu'izz Street and Flower Exhibition in Cairo

May 30, 2022

<https://www.pua.edu.eg/field-visit-to-al-muizz-street-and-flower-exhibition-in-cairo/>

Within the framework of the architectural design course – sixth level, the students of the fourth year (the eighth semester) in the Department of Architecture visited the flower exhibition in Orman Botanical Garden, and the shrines of Al-Mu'izz Street in Fatimid Cairo, such as Al-Hakim Bi-Amr Allah Mosque, School and Sabeel Mosque-Sabil of Agha Al-Silahdar, Bayt Al-Suhaymi (“House of Suhaymi”), and Hammam of Sultan Inal (public bathhouse), Complex of Sultan al-Mansur Qalawun, and Sultan Barquq School. The visit was supervised by faculty members: Dr. Ingy Naguib , Dr. Mona Salem, and Arch. Mohamed Abu Shousha, along with a group of teaching assistants.





## Construction Engineering and Management Department Visits (Al Sawary) Housing Project

April 23, 2022

<https://www.pua.edu.eg/construction-engineering-and-management-department-visits-al-sawary-housing-project/>

Under the auspices of Prof. Dr. Hamdy Afefy, Head of the Construction Engineering and Management Department, Faculty of Engineering, PUA, Dr. Marwa Sharkas, Professor of Building Technology Course, along with a group of teaching assistants: Eng. Ahmed Salem, Eng. Sherwit Hassan, Eng. Heba Adel, Eng. Nisrina Hazem, Eng. Fayrouz Al-Bakatoshy, organized a field visit to the construction site of the (Al Sawary) housing project in Alexandria, which is located on Alexandria-Cairo desert road behind Carrefour City Center, on Sunday Dec 26, 2021.

Mr. Muhammad Saeed, the project's financial manager, welcomed the department's delegation, and he thankfully assigned several engineers and technicians to provide the student with a detailed explanation about the components of the project and the construction system used.

Furthermore, the students were introduced to the project's foundation works, concrete structures, and structural works. By the end of the visit, students reviewed the various items of finishing such as ceramics, marble, and other works.

Moreover, the students took several photos and videos from the site to use them when presenting their final project to be delivered at the end of the semester.

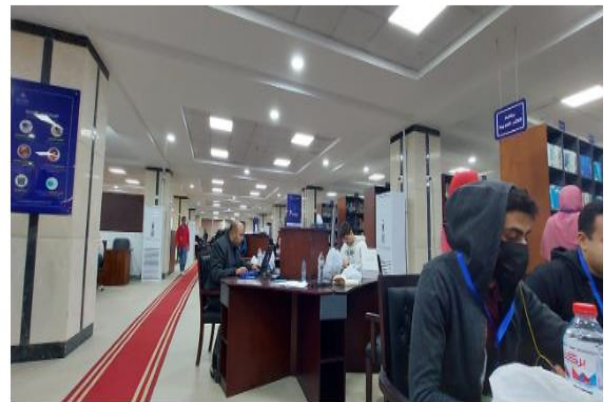




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### Faculty of Language and Translation's Cultural Competition

March 27, 2022

<https://www.pua.edu.eg/%d8%a7%d9%84%d9%85%d8%b3%d8%a7%d8%a8%d9%82%d8%a9-%d8%a7%d9%84%d8%ab%d9%82%d8%a7%d9%81%d9%8a%d8%a9-%d9%84%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d9%84%d8%ba%d8%a7%d8%aa-%d9%88%d8%a7%d9%84%d8%aa/>

Within the framework of its keenness on student activities, student-motivating cultural competitions that psychologically support students and creating a strong bond with their colleagues, as well as spreading a spirit of joy and competitiveness, PUA's Faculty of Language and Translation organized a cultural competition. The competition that was supervised by the Student Activities Department, took place on Tuesday, March 15<sup>th</sup>, 2022 in the theoretical building. Furthermore, the Department created a group of questions in various scientific, literary, sports, historical and geographical fields. A great turnout of the Faculty's students participated in the event that ran from 11:30 am to 02:00 pm.





## The Applied Health Sciences Technology organizes a Cultural Competition

March 21, 2022

<https://www.pua.edu.eg/the-applied-health-sciences-technology-organizes-a-cultural-competition/>

Under the auspices of Prof. Dr. Ezzat Hassan, Dean of the Faculty of Applied Health Sciences Technology and Prof. Dr. Hamdy Al-Wakeel, Vice Dean for Education and Student Affairs, the Cultural Committee of Student Activities, under the supervision of Dr. Esraa Moneer, Head of the students' activities, organized a cultural competition for the Faculty students on Tuesday, March 8<sup>th</sup>, 2022. The competition comprised of four teams; each team was headed by a staff member. Further, questions were moderated by Dr. Hisham Kamel in various fields to the competing teams. This helped create a competitive spirit that highlights the strongest culturally and scientifically outstanding students, and contributes in encouraging the students to continue the process of research, pursue knowledge and awareness, and gain more information. Moreover, other students and staff members gave warm rounds of to the contestants.





## A Sustainable and Healthy Tent for pilgrims

December 1, 2021

<https://www.pua.edu.eg/a-sustainable-and-healthy-tent-for-pilgrims/>

In the framework of the summer training 2020-2021, the Department of Architectural Engineering participated with a group of students from the **Fourth Level (8<sup>th</sup> Semester)**: Aisha Mohamed, Nadine Hisham and Sarah Al Murabai, under the supervision of **Associate Prof. Riham Nady Faragallah** and the team won the **First Prize** (People and Jurors Choice Award).

The main aim of the competition is to design a **sustainable and healthy environment that meets all the needs of pilgrims** through functional design of small spaces and upgrading their experience in the light of the increasing number of pilgrims in the city of Mina, Saudi Arabia. It takes into account the precautionary and hygienic measures to confront COVID-19, as well as applying various environmental treatments that are compatible with this desert area. In this way, the tents in the city of Mina are ready for the growth of pilgrims in the future.

The Saudi office INJ Architects, in cooperation with UNI Competitions, launched an International Architectural Competition entitled: “**The White Lands**”, in which a large group of architectural offices, architects and architectural students have participated from 23 different countries around the world.

### Jury Comments:

Good concept with reference to the “Tent” legacy of Mina, allowing for future growth and challenges of any health threatening issues (like the current COVID-19) with good health, hygiene and distancing measures.







## Three graduate students from Media Arts department won three awards from Alexandria Mediterranean Film Festival for its 37th session – 2021

November 29, 2021

<https://www.pua.edu.eg/three-graduate-students-from-media-arts-department-won-three-awards-from-alexandria-mediterranean-film-festival-for-its-37th-session-2021/>

Under the supervision of Ass. Prof. Dr. Ashraf Mahdi and the specialized experts delegated for teaching during the academic year 2020-2021, three graduated students from Media Arts Department won three awards in the Alexandria Mediterranean Film Festival for its 37th session – 2021.

The student Omar Hesham won the Animation Film prize for his film (Mannequin). Student Nour Serag won the Fiction Film second prize for her film (Robotic Love). Student Nada Ashraf won the Student Films third prize for her film (Negative).







## Painting department students decorating the interior space of the Human Resources Development Center in Alexandria with artistic works

November 29, 2021

<https://www.pua.edu.eg/painting-department-students-decorating-the-interior-space-of-the-human-resources-development-center-in-alexandria-with-artistic-works/>

Under the supervision of Dean of the Faculty of Arts and Design and Prof. Dr. Nermin Goma'a, the director of the Human Resources Development Center welcomed the students of Painting Department to decorate the interior spaces of the center by designing different artistic works as oil paintings and mosaic panels, which was within the requirements of the summer training field of the faculty. The manager of the center admired the students work, certificates of appreciation was held to each student, as well as a shield of thanks and appreciation to the faculty.





## 2nd Edition of the Intra-Africa 2063 Competition

February 7, 2023

<https://www.pua.edu.eg/2nd-edition-of-the-intra-africa-2063-competition/>

In light of the first aspiration of the Africa agenda 2063 entitled “A prosperous Africa, based on inclusive growth and sustainable development “, the E-Club of Pharos University in Alexandria (PUA) is launching its 2nd edition of the Intra-Africa 2063 Competition entitled “SDGs through Entrepreneurship... Possible Contributions and Future Directions”. This is in cooperation with the International Relations Department and “Durban University of Technology (DUT), South Africa” from the 6th to the 9th of March 2023.

The E-Club PUA aims to focus in its 2nd edition of the Intra-Africa 2063 competition on achieving the SDGs through entrepreneurial ideas, serving our Africa through the following themes:

1. Climate and Environment
2. Health and Medical Field
3. Culture and Education
4. Green Economy / Technology
5. Hospitality and Indigenous Food

Accordingly, the African Universities gather to discuss common issues and find shared solutions.



## Courses that Support Sustainable Cities and Communities

No	Faculty in Pharos University	Course name	Course code	SDG of relevance
1	Engineering	Renewable energy and storage systems	EM 333	SDG11
2	Mass Communication	Communication and Development	COM 103	SDG 1 - SDG 2 - SDG 7 - SDG 9 - SDG 11
3	Engineering	Sustainability in Architecture	EA002	SDG11
4	Engineering	Theories of Housing	EA018	SDG11
5	Engineering	Architectural Design Level-1 to Level -4	EA211 - EA212 - EA311 - EA312	SDG11
6	Engineering	Building Technology Level-4	EA222	SDG11
7	Tourism and Hotel	Introduction to Hospitality Industry	HM 101	SDG 8 - SDG 11
8	Tourism and Hotel	Quality Mgt. in Tour&Hospital Enterprise	THM 271	SDG 8 - SDG 9 - SDG 11 - SDG 12
9	Tourism and Hotel	Theory of Tourism	TM 101	SDG 8 - SDG 11
10	Tourism and Hotel	Ecotourism	TM 371	SDG 1 - SDG 3 - SDG 5 - SDG 6 - SDG 10 - SDG 11 - SDG 12 - SDG 15
11	Tourism and Hotel	Events Managment	TM 411	SDG 11 - SDG 12
12	Tourism and Hotel	Tourism Attractions Planning and Deve.	TM 451	SDG 11 - SDG 16
13	Tourism and Hotel	Tourism and Globalization	TM 472	SDG 1 - SDG 7 - SDG 8 - SDG 10 - SDG 11 - SDG 13 - SDG 16 - SDG 17
14	Tourism and Hotel	Tourism Project	TM 481 - TM 482	SDG 8 - SDG 9 - SDG 11 - SDG 12 - SDG 17
15	Tourism and Hotel	Tourism Destination Marketing	TM 316	SDG 1 - SDG 3 - SDG 8 - SDG 11 - SDG 17



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
16	Tourism and Hotel	Tourism Impact and Sustainability	TM 354	SDG 1 - SDG 6 - SDG 7 - SDG 8 - SDG 11 - SDG 13 - SDG 14 - SDG 15
17	Tourism and Hotel	Convention and Meeting Planing	TM 461	SDG 11 - SDG 12
18	Tourism and Hotel	International Tourism Planning & Develop	TM 474	SDG 1 - SDG 3 - SDG 5 - SDG 8 - SDG 10 - SDG 11 - SDG 17
19	Tourism and Hotel	Hospitality Facilities Planning&Design	HM 451	SDG 6 - SDG 7 - SDG 9 - SDG 11
20	Tourism and Hotel	Introduction to Hospitality Industry	HM 101	SDG 8 - SDG 11
21	Tourism and Hotel	History & Civilization of Ancient Egypt	GEN 109	SDG 11
22	Tourism and Hotel	Tourism and the Invironment	TM 314	SDG 11 - SDG 12
23	Tourism and Hotel	Resort Planning and Development	TM 353	SDG 11
24	Arts and Design	General History of Art	F 141	SDG 11
25	Arts and Design	History of Art	F 142	SDG 11
26	Arts and Design	Permanent and Mobile Exhibitions	AD 311	SDG 9 - SDG 11
27	Arts and Design	Graphic Design (1)	MA 222 - MA 321	SDG 11
28	Arts and Design	Digital Imaging	MA 251	SDG 9 - SDG 11
29	Arts and Design	Digital Video	MA 252	SDG 5 - SDG 11 - SDG 16
30	Arts and Design	Digital Illustration	MA 253	SDG 11 - SDG9
31	Arts and Design	2D Animation	MA 254	SDG11
32	Arts and Design	Typography (1)	MA 271 - MA 371	SDG 4 - SDG 9 - SDG 11
33	Arts and Design	Storyboarding	MA 311	SDG 11
34	Arts and Design	Digital Layout	MA 322	SDG 11 - SDG 16
35	Arts and Design	Motion Graphics (1)	MA 323	SDG 11 - SDG 8 - SDG1 - SDG6



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
36	Arts and Design	Video & Animation Design and Theory	MA 331	SDG 9 - SDG 11
37	Arts and Design	Theory and History of Visual Design	MA 332	SDG 11
38	Arts and Design	Digital Photography	MA 361	SDG 4 - SDG 5 - SDG 9 - SDG 11
39	Arts and Design	Sound Design	MA 362	SDG 9 - SDG 11
40	Arts and Design	History of Cinema	TD 541	SDG 11
41	Arts and Design	Printing Techniques	P 361 - P 362	SDG 11
42	Arts and Design	History of Artistic Art	DP 441	SDG 11
43	Arts and Design	Contemporary Art History	DP 541	SDG 11
44	Arts and Design	Science of Museums	DP 563	SDG 11
45	Arts and Design	History of Costume and Styles (2)	FD 341	SDG 11
46	Arts and Design	Media performance	G 213 - G 214	SDG 11
47	Arts and Design	Plastic art history	G 341	SDG 11
48	Arts and Design	Printmaking techniques	G 361 - G 362	SDG 11
49	Arts and Design	History of Graphic Design	GD 441 - GD 442	SDG 11
50	Arts and Design	Graduation Project Research	GD 581	SDG 6 - SDG 8 - SDG 11 - SDG 12 - SDG 13
51	Arts and Design	Graduation Project	GD 582	SDG 6 - SDG 8 - SDG 11 - SDG 12 - SDG 13
52	Arts and Design	Interior Design (3)	D 321 - D 322	SDG 11
53	Arts and Design	History of Art and Architecture (1)	D 341 - D 342	SDG 11
54	Arts and Design	Furniture Styles	D 343	SDG 4 - SDG 11
55	Arts and Design	Folk Art	TD 534	SDG 11
56	Arts and Design	Film History and Theory	AV 441	SDG 11
57	Arts and Design	Material Specification	MD 462	SDG 11
58	Arts and Design	Interior Architecture Design (1)	ID 421 - ID 422 - ID 521	SDG 11 - SDG 12
59	Arts and Design	Furniture Design	ID 425	SDG 9 - SDG 11 - SDG 12



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
60	Arts and Design	History of Interior Architecture	ID 441	SDG 11
61	Arts and Design	Architectural Styles	ID 461	SDG 4 - SDG 11
62	Arts and Design	Design & Interior Environmental Tech.	ID 523	SDG 11 - SDG13
63	Arts and Design	Contemporary Art History	ID 541	SDG 11
64	Arts and Design	Graduation Project Research	ID 581	SDG 7 - SDG 9 - SDG 11 - SDG 13
65	Arts and Design	Graduation Project	ID 582	SDG 7 - SDG 9 - SDG 11 - SDG 13
66	Arts and Design	Architectural Styles	MD 431	SDG 4 - SDG 11
67	Arts and Design	History of Mural Painting	MD 441	SDG 11
68	Arts and Design	Restoration of mural painting	MD 561	SDG 11 - SDG 12
69	Arts and Design	Graduation Project Research	MD 581	SDG 11 - SDG 12
70	Finance and Administrative Sciences	Operations Management	BT 423	SDG 11 - SDG 12
71	Finance and Administrative Sciences	Entrepreneurship	BT 637	SDG 8 - SDG 11
72	Finance and Administrative Sciences	Strategic Marketing	BM 854	SDG 11 - SDG 12
73	Arts and Design	Advanced Motion Graphics	AV 421	SDG 9 - SDG 11
74	Arts and Design	Editing Esthetics	AV 433	SDG 9 - SDG 11
75	Arts and Design	Directing for the Screen	AV 566	SDG 9 - SDG 11
76	Arts and Design	Graduation Project Research	AV 581	SDG 1 - SDG 5 - SDG 10 - SDG11
77	Arts and Design	Graduation Project	AV 582	SDG 1 - SDG 5 - SDG 10 - SDG11





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78	Arts and Design	Graduation Project Research	TD 581	SDG 7 - SDG 9 - SDG 11 - SDG 12
79	Arts and Design	Graduation Project	TD 582	SDG 7 - SDG 9 - SDG 11 - SDG 12
80	Arts and Design	Fashion	FD 331	SDG 11
81	Arts and Design	Global fashion houses	FD 332	SDG 11
82	Arts and Design	Textile structures	FD 362	SDG 11
83	Arts and Design	Leather Products	FD 363	SDG 11
84	Arts and Design	Costumes Accessories(2)	FD 411	SDG 11
85	Arts and Design	Designing and Making Accessories	FD 423	SDG 11
86	Arts and Design	Photography and Fashion Shows	FD 461	SDG 11
87	Arts and Design	Preparing Dress Stand (mannequin)	FD 462	SDG 11
88	Arts and Design	Formation on Dress Stand (mannequin)	FD 463	SDG 11
89	Arts and Design	Art of Synthesizing Materials	FD 511	SDG 11
90	Arts and Design	Designing on Dress Stand (mannequin)	FD 521	SDG 11
91	Arts and Design	Displaying Methods	FD 562	SDG 11
92	Arts and Design	Graduation Project Research	FD 581	SDG 4 - SDG 11 - SDG 12
93	Arts and Design	Graduation Project	FD 582	SDG 4 - SDG 11 - SDG 12
94	Arts and Design	Digital Photography (2)	GD 462	SDG 1 - SDG 6 - SDG 8 - SDG 11 - SDG 14 - SDG 15
95	Arts and Design	Landscape	ID 412	SDG 9 - SDG 11 - SDG 13
96	Arts and Design	Interior Architecture Theories	ID 431	SDG 7 - SDG 9 - SDG 11
97	Arts and Design	Landscape Architecture	ID 524	SDG 9 - SDG 11 - SDG 13
98	Arts and Design	Architectural Render	ID 551	SDG 7 - SDG 9 - SDG 11



### Publications That Address Sustainable Cities and Communities

Title	Authors	Year	Citations	Field-Weighted Citation Impact	Sustainable Development Goals (2023)
Evaluation of thermal comfort and urban heat island through cool paving materials using ENVI-Met	Faragallah, R.N.   Ragheb, R.A.	2022	31	10.88	SDG 11   SDG 17
LEED v4.1 operations & maintenance for existing buildings and compliance assessment: Bayt Al-Suhaymi, Historic Cairo	ElSorady, D.A.   Rizk, S.M.	2020	17	2.06	SDG 7   SDG 11   SDG 12
Toward sustainable urban development of historical cities: Case study of Fouh City, Egypt	Ragheb, A.   Aly, R.   Ahmed, G.	2022	17	5.97	SDG 8   SDG 11
Improving urban park usability in developing countries: Case study of Al-Shalalat Park in Alexandria	Abdelhamid, M.M.   Elfakharany, M.M.	2020	16	1.94	SDG 11   SDG 12   SDG 17
Assessment of spatiotemporal patterns of social vulnerability: A tool to resilient urban development Alexandria, Egypt	Waly, N.M.   Ayad, H.M.   Saadallah, D.M.	2021	11	1.84	SDG 1   SDG 6   SDG 8   SDG 11   SDG 13   SDG 17
The impact of productive open spaces on urban sustainability: The case of El Mansheya Square – Alexandria	Faragallah, R.N.	2018	10	0.45	SDG 11   SDG 17
Adaptive Reuse Decision Making of a Heritage Building Antoniadis Palace, Egypt	Elsorady, D.A.	2020	8	3.88	SDG 11   SDG 17
Revitalisation of Downtown Khedive Cairo: A contested sovereignty	Elsorady, D.A.	2018	5	0.51	SDG 11
Multi-criteria decision making of sustainable adaptive reuse of heritage buildings based on the A'WOT analysis: A case study of cordahi complex, Alexandria, Egypt	Ragheb, G.A.	2021	4	0.46	SDG 8   SDG 11   SDG 12   SDG 16   SDG 17



Title	Authors	Year	Citations	Field-Weighted Citation Impact	Sustainable Development Goals (2023)
Sustainable Indicators Framework for Strategic Urban Development: A Case Study of Abu Teeg City in Assiut, Egypt	Ragheb, G.   El-Wahab, M.A.   Ragheb, R.A.	2022	3	0.76	SDG 8   SDG 9   SDG 11   SDG 12   SDG 17
Towards Resilience: Energy Efficiency in Urban Communities - Case study of New Borg El Arab City in Alexandria, Egypt	Ragheb, R.A.	2022	3	0.76	SDG 11
Fundamentals of temporary dwelling solutions: A proposed sustainable model for design and construction	Faragallah, R.N.	2021	3	0.5	SDG 11   SDG 13   SDG 17
New Sustainable Agenda for Slums Future Expansion, Case-Study: Ezbiit El-Matabea, Alexandria, Egypt	Ragheb, R.A.   Barakat, P.N.	2022	2	0.51	SDG 3   SDG 6   SDG 11   SDG 17
Achieving Sustainability in Smart Cities & Its Impact on Citizen	Naguib, I.M.   Ragheb, S.A.	2022	2	0.51	SDG 8   SDG 9   SDG 11   SDG 17
A Proposed Methodology for Detecting the Urban Footprint in Egypt	Mahmoud, N.   Samir, N.   Fathi, A.   Mohamed, W.	2022	1	2.8	SDG 11   SDG 15   SDG 17
Air quality estimation using remote sensing and GIS-spatial technologies along Al-Shamal train pathway, Al-Qurayyat City in Saudi Arabia	Al-Alola, S.S.   Alkadi, I.I.   Alogayell, H.M.   Mohamed, S.A.   Ismail, I.Y.	2022	1	0.45	SDG 3   SDG 9   SDG 11   SDG 13
Heritage-led urban regeneration: the case of "El-Shalalat District", Alexandria	Abdelhamid, M.M.   El Hakeh, A.H.   Elfakharany, M.M.	2021	1	0.27	SDG 11   SDG 12   SDG 16   SDG 17
Efficient Security Model for RDF Files Used in IoT Applications	El kholy, M.   Mohamed, A.B.	2021	1	0.15	SDG 11
Evaluating the ductility reduction factors of SDOF self-centering earthquake-resisting structural systems	Abou-Elfath, H.   Ramadan, M.   Elhout, E.	2021	1	0.14	SDG 11



Title	Authors	Year	Citations	Field-Weighted Citation Impact	Sustainable Development Goals (2023)
URBAN FABRICS OF HOUSING FORMS AND ITS IMPACT ON HUMAN BEHAVIOR	Fahim, M.H.   Soliman, A.M.   Saadallah, D.	2022	0	0	SDG 11  SDG 17
Empowering criteria for effective adaptive reuse of heritage buildings in Egypt	Ragheb, G.A.   Naguib, I.M.	2021	0	0	SDG 11  SDG 17
H-Seed: Vision for smart city	Shehata, H.M.   Bakr, A.F.   Hassan, A.	2020	0	0	SDG 9  SDG 11
Sustainable Touristic path toward cultural identity	Ragheb, R.A.   Naguib, I.M.	2020	0	0	SDG 8  SDG 11  SDG 12
Revitalization Of Historical Urban Parks Using A Smart Approach	Abdelhamid, M.M.	2019	0	0	SDG 8  SDG 11  SDG 12  SDG 17
Optimization of International Rating System Evaluation for Adaptive Reuse Projects	Helal, H.M.   Maarouf, I.   Nassar, D.M.	2022	0	0	SDG 7  SDG 11  SDG 12  SDG 13
Treatment by agricultural by-products of Industrial effluents polluted with heavy metals	Tayeb, A.M.   Farouq, R.   Mahmoud, M.A.   Daher, A.M.   Amer, T.E.   Magdy, Y.H.	2022	0	0	SDG 6  SDG 11  SDG 12