



THE Impact Ranking SDG13 Report

SDG

13

Climate
Action

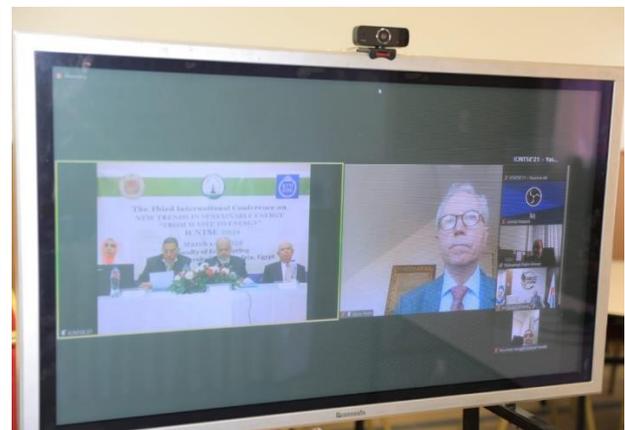


SDG 13 Climate Action

Climate change is a crisis that will affect every part of society, and every country. Universities need to be at the forefront of action to reduce the impact of climate change, especially amongst the poorest who will be the most affected. Climate issues through research, low carbon use and education are explored.

Climate Action Events

Third International Conference on New Trends in Sustainable Energy (ICNTSE-2021) online



PUA's Faculty of Engineering organizes the Third International Conference on New Trends in Sustainable Energy (ICNTSE-2021) on 1-2 March 2022 via online conference. It is also worth mentioning that the Journal of King Saud University – Engineering Sciences (JKSUES) will publish a special edition for a selected group of the conference's researches, which meet the journal's publishing requirements.

<https://www.pua.edu.eg/third-international-conference-on-new-trends-in-sustainable-energy-icntse-2021-online/>

Climate Conference



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.

URL: <https://www.pua.edu.eg/climate-conference-2/>



Lecture about Fuel Cells to the Petrochemical Engineering Department



In light of the significant development the world has been witnessing recently in the development and production of hybrid and electric vehicles (HEV/EV) plus the recent developments in high voltage battery technologies due to its environmental advantages, the Petrochemical Engineering Department organized a lecture on fuel cells.

This lecture was held on Monday, May 23, 2022 and delivered by Prof. Dr. Alana Al-Sahrawi, the globally-renowned figure in the field of electric and hybrid cars in the United States of America. as part of the “Energy Conservation” course.

Further, the lecture – which was part of the “Energy Conservation” course – tackled the various technical aspects of future vehicle technologies and the extent to which fuel cells can be utilized in operating these vehicles. It also aimed at providing the graduates of the Petrochemical Engineering Department with the skills required for the labor market.

URL:

<https://www.pua.edu.eg/%d9%85%d8%ad%d8%a7%d8%b6%d8%b1%d8%a9-%d8%b9%d9%86-%d8%ae%d9%84%d8%a7%d9%8a%d8%a7-%d8%a7%d9%84%d9%88%d9%82%d9%88%d8%af-%d9%84%d8%b7%d9%84%d8%a7%d8%a8-%d9%82%d8%b3%d9%85-%d9%87%d9%86%d8%af%d8%b3%d8%a9/>

Sustainability Competition



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. One of these ideas was about living a sustainable and climate-friendly life

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.

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



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.

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



Courses that Support Climate Action

No	Faculty in Pharos University	Course name	Course code	SDG of relevance
1	Pharmacy	Environment and sustainability	PMC E01	SDG13
2	Pharmacy	Phytotherapy	PG 305	SDG13
3	Tourism	Tourism Transportation	TM 312	SDG13
4	Engineering	Introduction to environmental engineering	EP 389	SDG13
5	Engineering	Pollution control in petrochemical industries	EP 392	SDG13
6	Mass Communication	Environmental Communication	COM 405	SDG 13
7	Tourism and Hotel	Tourism and Globalization	TM 472	SDG 1 - SDG 7 - SDG 8 - SDG 10 - SDG 11 - SDG 13 - SDG 16 - SDG 17
8	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
9	Arts and Design	Graduation Project Research	GD 581	SDG 6 - SDG 8 - SDG 11 - SDG 12 - SDG 13
10	Arts and Design	Graduation Project	GD 582	SDG 6 - SDG 8 - SDG 11 - SDG 12 - SDG 13
11	Arts and Design	Environmental Studies	DP 432	SDG 13
12	Arts and Design	Design & Interior Environmental Tech.	ID 523	SDG 11 - SDG 13
13	Arts and Design	Graduation Project Research	ID 581	SDG 7 - SDG 9 - SDG 11 - SDG 13



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
14	Arts and Design	Graduation Project	ID 582	SDG 7 - SDG 9 - SDG 11 - SDG 13
15	Finance and Administrative Sciences	International Management	BT 527	SDG 8 - SDG 13
16	Finance and Administrative Sciences	Research Project	BT 742 - BT 851	SDG 1 - SDG 2 - SDG 8 - SDG 9 - SDG 12 - SDG 13 - SDG 16
17	Arts and Design	Digital Advertising Design	GD 522	SDG 3 - SDG 6 - SDG 13 - SDG 14 - SDG 15
18	Arts and Design	Landscape	ID 412	SDG 9 - SDG 11 - SDG 13
19	Arts and Design	Landscape Architecture	ID 524	SDG 9 - SDG 11 - SDG 13

Publications that Address Climate Action

Title	Authors	Year	Citations	Field-Weighted Citation Impact	Sustainable Development Goals (2023)
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
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
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



Title	Authors	Year	Citations	Field-Weighted Citation Impact	Sustainable Development Goals (2023)
Sustainability potential for Ginkgo biloba L. plantations under climate change uncertainty: An ex-situ conservation perspective	Bidak, L.M. Heneidy, S.Z. Halmy, M.W.A. El-Kenany, E.T.	2022	1	0.44	SDG 8 SDG 13 SDG 15 SDG 17
Modeling the Intercooling of a Multi-stage Compression in Gas Turbines Using Absorption Chiller	Amin, K.A. ElHelw, M. Elsamni, O.A.	2022	0	0	SDG 13 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