



THE Impact Ranking SDG15 Report

SDG

15

Life On Land



SDG 15 Life On Land

Sixty of the world's ecosystem services have been degraded over the past 50 years and we continue devaluing our natural resources at an alarming rate. While many of the effects are felt locally first, the long-term consequences are global and the scale is highly relevant to business, presenting risks and opportunities. To retain the integrity and vitality of natural resources today and for future generations and to ensure long-term socio-economic growth, sustainable management of land is key.

Life On Land Activities

A sustainable and healthy tent for pilgrims

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.

In the framework of the summer training 2020-2021, the Department of Architectural Engineering participated with a group of students from the **Fourth Level (8th 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 jury commented that it is 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.

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

Devetsia short film

The faculty of Mass Communication produces a short film on a film called (Devetsia) demonstrating the environmental resources on land, water resources, desert ecosystem services regarding natural health treatments, and ecotourism in sustainable cities

<https://www.youtube.com/watch?v=sQrc2ufKFC4&list=PLsZ1HNiwxSAPBp9Ff74mHK1NbRVLCp-52&index=3>

Recycling Fabric Wastes and Scraps to Achieve Sustainability Workshop

As part of PUA’s student activities program, the Faculty of Arts and Design organized a workshop entitled “Recycling Fabric Wastes and Scraps to Achieve Sustainability.” This workshop was prepared by Dr. Marwa Issa, Lecturer in the Fashion Design Department.



Despite the increasing attention to environmental issues and conservation, fabric scraps are still being wasted throughout the various stages of design and execution. Till today, the surplus in fabric scraps has no clear mechanism to utilize it.

Therefore, this workshop presents a new vision for utilizing the remnants of fabric waste and scraps. This can be done through merging the various patterns of the fabrics with basic materials, auxiliary materials, while observing compatibility.

<https://www.pua.edu.eg/recycling-fabric-wastes-and-scraps-to-achieve-sustainability-workshop/>



Courses that Support Life On Land

Pharos university is keen to integrate the topic of life on land, the conservation of natural resources and wild life protection to undergraduate students. The following courses are addressing such topics to undergraduates in 3 faculties

NO	Faculty	Course name	Course code	SDG-relevancy
1	Pharmacy	Environment and sustainability	PMC E01	SDG 15
2	Pharmacy	Phytotherapy	PG 305	SDG 15
3	Tourism	Ecotourism	TM 371	SDG 15
4	Tourism	Tourism impact and sustainability	TM 354	SDG 15
5	Arts and design	Perception of the visual Environment	G331	SDG 15
6	Tourism and Hotel Management	Ecotourism	TM 371	SDG 1 - SDG 3 - SDG 5 - SDG 6 - SDG 10 - SDG 11 - SDG 12 - SDG 15
7	Tourism and Hotel Management	Tourism Impact and Sustainability	TM 354	SDG 1 - SDG 6 - SDG 7 - SDG 8 - SDG 11 - SDG 13 - SDG 14 - SDG 15
8	Tourism and Hotel Management	Theme Park Management	TM 414	SDG 15
9	Arts and Design	Perception of the Visual Environment	G 331	SDG 15
10	Arts and Design	Typography (1)	GD 471 - GD 472 - GD 571	SDG 6 - SDG 7 - SDG 9 - SDG 14 - SDG 15
11	Arts and Design	Digital Photography (2)	GD 462	SDG 1 - SDG 6 - SDG 8 - SDG 11 - SDG 14 - SDG 15
12	Arts and Design	Digital Advertising Design	GD 522	SDG 3 - SDG 6 - SDG 13 - SDG 14 - SDG 15



Publications that Address Life On Land

Title	Authors	Year	Citations	Field-Weighted Citation Impact	Sustainable Development Goals (2023)
In-silico analysis of protein receptors contributing to SARS-CoV-2 high infectivity	Atia, I. Salem, M.L. Elkholy, A. Elmashad, W. Ali, G.A.M.	2021	9	1.67	SDG 3 SDG 15
Phenol Biodegradation and Bioelectricity Generation by a Native Bacterial Consortium Isolated from Petroleum Refinery Wastewater	Shebl, S. Hussien, N.N. Elsabrouty, M.H. Osman, S.M. Elwakil, B.H. Ghareeb, D.A. Ali, S.M. Ghanem, N.B.E.D. Youssef, Y.M. Moussad, E.E.D.A. Olama, Z.A.	2022	2	0.58	SDG 6 SDG 7 SDG 15
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
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