



# 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

#### Sustainability in Education Project

As part of its commitment to the Sustainability in Education Project, PUA's International Relations Department concluded an agreement with Technological University Dublin (TU Dublin), a strategic partner of PUA, to provide a professional diploma program in sustainability in education. Under this agreement, PUA nominated faculty members from various faculties to participate in the program, equipping them with the essential tools to incorporate sustainability principles into their teaching methods.

Over a duration of six months, these faculty members engaged in workshops and fulfilled assignments to augment their expertise and capabilities. Additionally, representatives from diverse faculties showcased their effective integration of sustainability principles into their instructional approaches.





## 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

URL:

<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.

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



Towards Vision 2030: sustainable and effective smart agricultural systems to enhance plant growth. Innovation Incentive Competition, Innovators and Geniuses Welfare Fund - Ministry of Higher Education and Scientific Research





## 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	Arts and design	Perception of the visual Environment	G331	SDG 15
4	Tourism and Hotel Management	Ecotourism	TM 371	SDG 1 - SDG 3 - SDG 5 - SDG 6 - SDG 10 - SDG 11 - SDG 12 - SDG 15
5	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
6	Tourism and Hotel Management	Theme Park Management	TM 414	SDG 15
7	Arts and Design	Perception of the Visual Environment	G 331	SDG 15
8	Arts and Design	Typography (1)	GD 471 - GD 472 - GD 571	SDG 6 - SDG 7 - SDG 9 - SDG 14 - SDG 15
9	Arts and Design	Digital Photography (2)	GD 462	SDG 1 - SDG 6 - SDG 8 - SDG 11 - SDG 14 - SDG 15
10	Arts and Design	Digital Advertising Design	GD 522	SDG 3 - SDG 6 - SDG 13 - SDG 14 - SDG 15
11	Pharmacy Pharm-D	Environment&sustainability	PMD E01	SDG 13, SDG 15
12	Engineering	Architectural Design Level (3)	EA 311	SDG 13 and SDG 15
13	Engineering	Repair and Maintenance of Buildings	ES 403_E	SDG9,SDG15
14	Engineering	Quality Control of Construction Material	ES 406	SDG9,SDG15
15	Engineering	Water and Waste Water Engineering	ES 401	SDG 15



<b>NO</b>	<b>Faculty</b>	<b>Course name</b>	<b>Course code</b>	<b>SDG-relevancy</b>
16	Engineering	Engineering Environment and Society	HU 161!!	SDG 3 - SDG 5 - SDG 6 - SDG 7 - SDG 8 - SDG 9 - SDG 11 - SDG 12 - SDG 13 - SDG 14 - SDG 15 - SDG 17
17	Financial and Administrative Sciences	Islamic Finance	BF858	SDG 1 - SDG 2 - SDG 3 - SDG 4 - SDG 5 - SDG 6 - SDG 7 - SDG 8 - SDG 9 - SDG 10 - SDG 11 - SDG 12 - SDG 13 - SDG 14 - SDG 15 - SDG 16 - SDG 17



## Publications that Address Life on Land

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
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	Sustainability (Switzerland)	7	0.81	10.3390/su141912912	SDG 6   SDG 7   SDG 15
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	Acta Ecologica Sinica	4	0.69	10.1016/j.chnaes.2021.09.012	SDG 8   SDG 13   SDG 15



Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
Green novel photometric and planar chromatographic assays of remdesivir: Comparative greenness assessment study using estimated GAPI tool versus ISO technical reported methods	Kamal, M.F.   Abdel Moneim, M.M.   Hamdy, M.M.A.	2023	Reviews in Analytical Chemistry	2	0.33	10.1515/revac-2023-0060	SDG 15
Mechanistic action of lead removal by the native isolate Bacillus amyloliquefaciens ON261680.1	Shaaban Emara, N.   Elwakil, B.H.   Zakaria, M.   Olama, Z.A.	2023	Arabian Journal of Chemistry	2	0.33	10.1016/j.arabjc.2023.104962	SDG 9   SDG 15
A Proposed Methodology for Detecting the Urban Footprint in Egypt	Mahmoud, N.   Samir, N.   Fathi, A.   Mohamed, W.	2022	IOP Conference Series: Earth and Environmental Science	1	0.77	10.1088/1755-1315/992/1/012008	SDG 11   SDG 15





Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
The Optimization, Kinetics Model, and Lab-Scale Assessments of Phenol Biodegradation Using Batch and Continuous Culture Systems	Elnahas, R.A.   Elsabrouthy, M.H.   Shebl, S.   Hussien, N.N.   Elwakil, B.H.   Zakaria, M.   Youssef, Y.M.   Moussad, E.E.D.A.   Olama, Z.A.	2023	Sustainability (Switzerland)	1	0.22	10.3390/su151612405	SDG 6   SDG 7   SDG 9   SDG 15



Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
The emergence of metal oxide nanoparticles (NPs) as a phytomedicine: A two-facet role in plant growth, nanotoxicity and anti-phyto-microbial activity	Bhattacharjee, R.   Kumar, L.   Mukerjee, N.   Anand, U.   Dhasmana, A.   Preetam, S.   Bhaumik, S.   Sihi, S.   Pal, S.   Khare, T.   Chattopadhyay, S.   El-Zahaby, S.A.   Alexiou, A.   Koshy, E.P.   Kumar, V.   Malik, S.   Dey, A.   Proćków, J.	2022	Biomedicine and Pharmacotherapy	61	3.57	10.1016/j.biopha.2022.113658	SDG 15



Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
Biodiversity Assessment in Tecoma Species Using Micro-morphometric, Phytochemical and Molecular Descriptors Aided by Multivariate Analysis	El Hawary, S.S.   El Senousy, A.S.   Marzouk, H.S.   Alex, M.G.A.   Khattab, A.R.	2022	Journal of the Mexican Chemical Society	2	0.16	10.29356/jmcs.v66i4.1702	SDG 15