



## SDG15: LIFE ON LAND

### 15.1 Research on land ecosystems

There are seven published studies in the SDG 15 as indicated in Scopus data base.

<https://www.scopus.com/pages/organization/60067706#tab=sdgs>

no	Research title	Journal name	Citations	Percentile
1	The Mediating Effect of Managerial Awareness on Mis and Entrepreneurial Ecosystems in Jordan	<u>Journal of Logistics, Informatics and Service Science</u>	0	-
2	Investigating the effect of green composite back sheet materials on solar panel output voltage harvesting for better sustainable energy performance	<u>Energy Harvesting and Systems</u>	2	73th
3	A Bibliometric Analysis of Green Bonds and Sustainable Green Energy: Evidence from the Last Fifteen Years (2007–2022)	<u>Sustainability (Switzerland)</u>	43	99 <sup>th</sup>
4	The Impact of Environmental Disclosure on Market Performance: An Empirical Study of Jordanian Listed Industrial Companies	<u>WSEAS Transactions on Business and Economics</u>	0	
5	Synthesis of Boron-Doped Zinc Oxide Nanosheets by Using Phyllanthus Emblica Leaf Extract: A Sustainable Environmental Applications	<u>Frontiers in Chemistry</u>	12	17 <sup>th</sup>
6	The value of building materials processing in post-implementation of interior design works as a measure of sustainability and environmental conservation in LEED ID + C: Commercial Interiors v3 (2009 updated) System	<u>Dirasat: Human and Social Sciences</u>	0	
7	Bioremediation of polycyclic aromatic hydrocarbons by Acinetobacter species isolated from ecological sources	<u>Journal of Environmental Biology</u>	10	39 <sup>th</sup>

### 15.2 Supporting land ecosystems through education

**Isra participates in the Arbor Day celebration.** The Deanship of Student Affairs participated in the celebration of Arbor Day, which was held by the Greater Madaba Municipality under the patronage of the Minister of Agriculture. Through the students of the Volunteer Club and the Environment Club on Arbor Day to plant trees in Mount Nebo and Al-Faisaliah Park. Where the students participated in planting forest trees in the area of Al-Faisaliah station and including planting non-fruitful pine trees, carob trees and other trees suitable for the region. and this participation came within the celebrations of the homeland on Arbor Day and the framework of the national afforestation plan, and to expand the green area with an environmental, aesthetic, and economic impact in the Kingdom and consolidate awareness of the importance of preserving the environment.



### 15.3 Supporting land ecosystems through action

- Isra University signs a memorandum of understanding with the Royal Geographical Centre:** Isra University and the Royal Geographical Centre signed a memorandum of understanding to devote partnership and build bridges of cooperation between the two parties to keep pace with technological development in **geographic information systems**. The memorandum of understanding was signed by His Excellency Prof. Dr. Muhammad Musa Hamed, President of the University and the Director General of the Centre, His Excellency Dean Eng. Muammar Kamel Haddadin. In the presence of Dr. Mahmoud Al-Disi (Director of the Centre for Consultation, Training, Continuing Education and Community Development), and the accompanying delegation from the Royal Geographical Centre. The memorandum included holding **joint training courses in advanced geographic information systems, spatial analysis of geographical data, three-dimensional analysis of geographical data, building geographical databases, analysing road networks and publishing maps on the web**. Haddadin stressed that the centre is working hard to provide the Kingdom with all forms of support and expertise and train technicians in the field of surveying sciences, maps, geographic information systems and remote sensing techniques, to help in issues and events of interest to the Kingdom and achieve the public interest, as the centre puts all its capabilities to various national institutions, whether governmental or private. He pointed out the importance of partnership with the private educational sector through the exchange of experiences, and the conclusion of such agreements and memoranda of understanding, which reflect positively on both parties and the employment of information and knowledge. He added that the centre, under its management, was able to open up and increase the volume of academic and training cooperation at all levels to develop methods of education, training and dissemination of knowledge to contribute to the service of public and private institutions in the Kingdom, and to qualify and empower university students and refine their skills and abilities by providing them with joint training courses and diplomas between the two parties. <https://www.iu.edu.jo/index.php/en/all-news-2/1255003482-iu-32404333>
- Furthermore, we had a water treatment unit that produce 6,000 m<sup>3</sup>, which are used for irrigation. It contributes to more than 35% of used water annually.
- Isra university campus is built on a total of around 300,000 m<sup>2</sup>, and is within a dessert area. In response and owing to limited water resources, most of the plants rely mainly on rain water and requires minimal irrigation and can tolerate high level of heat.

### 15.4 Land sensitive waste disposal

- In 2019, Isra University signed a memorandum of understanding with Al-Dakheel Waste Recycling Company, which included a memorandum of understanding in the field of the campaign slogan launched by the Jordanian Ministry of Environment (**Our Environment is Our Life**). Since 2019, the university has collected and delivered waste in special containers to the company. <https://www.iu.edu.jo/index.php/ar/all-news/2854-2019-08-05-08-46-48>
- Furthermore, we had a water treatment unit that produce 6,000 m<sup>3</sup>, which are used for irrigation. It contributes to more than 35% of used water annually.
- All chemical waste is disposed through the agreement with the Ministry of Health to ensure sustainable disposal strategy.