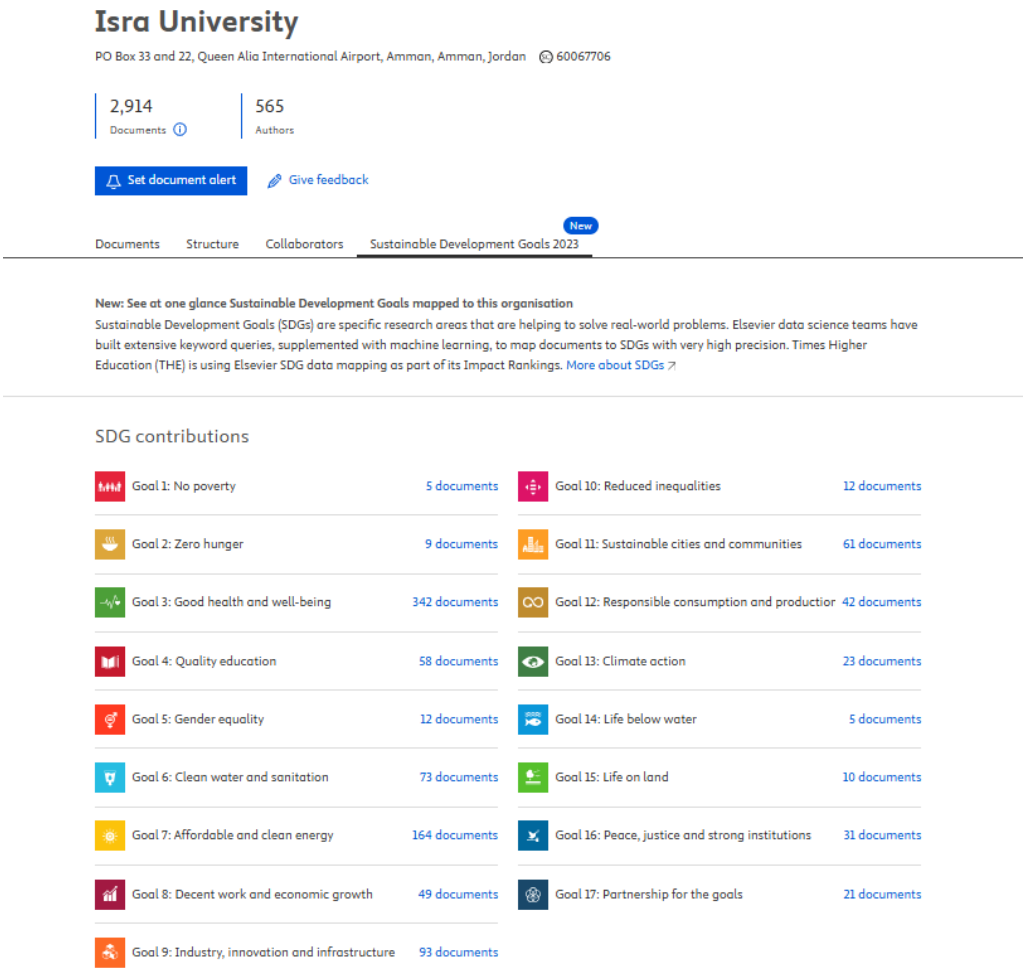
Climate Action: publications

Interest in climate action research at Isra University is growing. According to Scopus, there are 23 publications related to SDG 13.



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2,914 Documents

565 Authors

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New: See at one glance Sustainable Development Goals mapped to this organisation

Sustainable Development Goals (SDGs) are specific research areas that are helping to solve real-world problems. Elsevier data science teams have built extensive keyword queries, supplemented with machine learning, to map documents to SDGs with very high precision. Times Higher Education (THE) is using Elsevier SDG data mapping as part of its Impact Rankings. More about SDGs

SDG contributions

Goal 1: No poverty	5 documents	Goal 10: Reduced inequalities	12 documents
Goal 2: Zero hunger	9 documents	Goal 11: Sustainable cities and communities	61 documents
Goal 3: Good health and well-being	342 documents	Goal 12: Responsible consumption and productior	42 documents
Goal 4: Quality education	58 documents	Goal 13: Climate action	23 documents
Goal 5: Gender equality	12 documents	Goal 14: Life below water	5 documents
Goal 6: Clean water and sanitation	73 documents	Goal 15: Life on land	10 documents
Goal 7: Affordable and clean energy	164 documents	Goal 16: Peace, justice and strong institutions	31 documents
Goal 8: Decent work and economic growth	49 documents	Goal 17: Partnership for the goals	21 documents
Goal 9: Industry, innovation and infrastructure	93 documents		

The list of publications related to Sustainable Development Goal 13 (SDG 13) is included in the attached table. There are 23 publications, with 21 of them published in journals and 2 published at a conference. The publication between 2022-2023 are highlighted.

No.	Article
1.	Towards Smarter Vegetation Health Clustering: Insights from Fractal Dimension, NDVI, and LST Metrics Derived via Remote Sensing Landsat Dataset Yousif, S.A., Samawi, V.W., Al-Saidi, N.M.G., Karaca, Y. ***Lecture Notes in Computer Science*, 2026**
2.	A feasibility study of combining solar/wind energy to power a water pumping system in Jordan's Desert/Al-Mudawwara village Al-Omari, Z.A.M., Khlaifat, N., Haddad, M.K. ***Environmental and Sustainability Indicators*, 2025**
3.	An Integrated Goal Programming Model Applied for Planning a National Policy of Sustainable Development: A Case of Jordan Alnsour, M.A. **Process Integration and Optimization for Sustainability, 2024**
4.	Techno-Economic and Environmental Sustainability Assessment of a Sewage Sludge Composting Plant: A Case Study **Albtoosh, A.F.,** Alnsour, M.A.**,** Hajar, H.A.**,** Adam Lagum, A.A. **Waste and Biomass Valorization, 2024**
5.	Burden of disease scenarios for 204 countries and territories, 2022–2050: a forecasting analysis for the Global Burden of Disease Study 2021 Vollset, S.E.**,** Ababneh, H.S.**,** Abate, Y.H.**, ...**Alqutaibi, A.Y.**,** Alrawashdeh, A.A. **The Lancet, 2024**
6.	Artificial intelligent control of energy management PV system Al Smadi, T.A.**,** Handam, A.**,** Gaeid, K.S.**, ...**Al-Husban, Y.Y.**,** Khalid, A.S. **Results in Control and Optimization, 2024**
7.	Enhancing the Aerodynamic Performance of the Savonius Wind Turbine by Utilizing Quarter Elliptical Supplementary Blades Al-Ghriybah, M.**,** Adam Lagum, A.A. **Flow, Turbulence and Combustion, 2024**
8.	Climate Change in Robinson's Narrative (Venice Drowned) | تغير المناخ في قصة روبنسون)غرق البندقية**)** Al Qudah, O.A.S.**,** Al Ahmad, M.H. **Dirasat: Human and Social Sciences, 2024** **Conference Paper**
9.	Vegetation Change Detection in Amman, Jordan Using Remote Sensing and GIS Zraqou, J.S.**,** Alkhadour, W.**,** Hadi, W. **2nd International Conference on Cyber Resilience, ICCR 2024, 2024**
10.	The Impact of Environmental Disclosure on Market Performance: An Empirical Study of Jordanian-Listed Industrial Companies Alsakini, S.A.A. **WSEAS Transactions on Business and Economics, 2023**

No.	Article
11.	Analysis of Internal Combustion Engine Performance Using Design of Experiment Hdaib, I.I., Yamin, J.A.A. **Tehnicki Vjesnik, 2022**
12.	Does the past affect the future? An analysis of consumers' dining intentions towards green restaurants in the uk Shishan, F., Mahshi, R., Kurdi, B.A., Alotoum, F.J., Alshurideh, M.T. **Sustainability (Switzerland), 2022**
13.	Integrating electrochemical and biological phosphorus removal processes via electrokinetic-based technology Adam Lagum, A.A. **Journal of Environmental Chemical Engineering, 2021**
14.	A review on conventional passive cooling methods applicable to arid and warm climates considering economic cost and efficiency analysis in resource-based cities Song, Y.L., Darani, K.S., Khdair, A.I., Abu-Rumman, G.A., Kalbasi, R. **Energy Reports, 2021**
15.	Sustainable environmental management and valorization options for olive mill byproducts in the Middle East and North Africa (MENA) region Khdair, A.I., Abu-Rumman, G.A. **Processes, 2020**
16.	Current status and future investment potential in renewable energy in Jordan: An overview Abu-Rumman, G.A., Khdair, A.I., Khdair, S.I. **Heliyon, 2020**
17.	Mitigation of scale problem in the pumped Disi water to Amman, Jordan Al-Ma'Abreh, A.M., Al-Rawajfeh, A.E., AlShamaileh, E.M., Bazedi, G.A. **Environment Protection Engineering, 2019**
18.	External wall performance in residential buildings in hot climate countries Varouqa, I.F., Rawashdeh, T.M., Ghannam, S. **International Journal of Civil Engineering and Technology, 2018**
19.	Greenhouse gas emissions reduction potential of Jordan's utility-scale wind and solar projects Hussein, N.M. **Jordan Journal of Mechanical and Industrial Engineering, 2016**
20.	Seed contents of Coriandrum sativum in Jordan Valley Abu-Hammour, K.A., Wittmann, D. **Advances in Horticultural Science, 2011**