

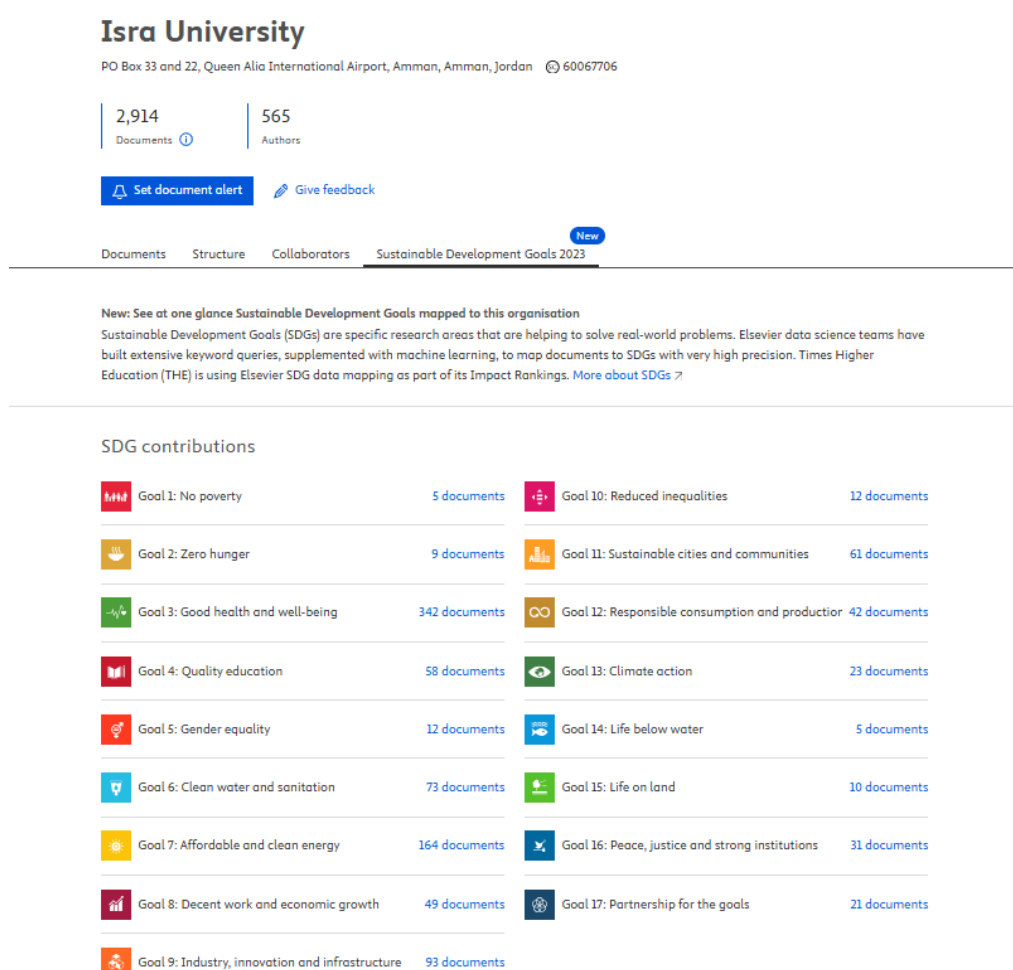


SDG11: SUSTANABLE CITIES AND COMMUNITIES

11.1 Research on sustainable cities and communities

11.1.1 Sustainable Cities and Communities: CiteScore

Isra University is engaged in research aimed at promoting sustainable cities and communities through innovative research. Currently, there are approximately 61 research publications related to SDG 11, with 17 were published between 2023 and 2024.



1. [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](#)
2. [Evaluating windcatchers in UAE heritage architecture: A pathway to zero-energy cooling solutions](#)
[Chohan, A.H., Awad, J., Elkahout, Y., Abuarkub, M.](#)
[Ain Shams Engineering Journal, 2024](#)
3. [Revitalization in the Age of Artificial Intelligence, an Adaptive Architectural Conservation Strategies for Courtyard Houses in Palestine](#)
[Abuarkub, M., Awad, J., Chohan, A.H., Noori, F.](#)
[Journal of Design and Built Environment, 2024](#)
4. [Managing future urbanization growth patterns using genetic algorithm modeling](#)
[Al-Hadidi, S., Sweis, G.J., Abu-Khader, W., Abu-Rumman, G.A., Sweis, R.J.](#)
[Engineering Construction and Architectural Management, 2024](#)
5. [Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021](#)
[Schumacher, A.E., Kyu, H.H., Aali, A., ...Aldridge, R.W., Alemi, S.](#)
[Lancet, 2024](#)
6. [Tempered glass as a thermoluminescent medium for retrospective dosimetry](#)
[Muslima, U., Khandaker, M.U., Lam, S.E., ...Sayyed, M.I., Bradley, D.A.](#)
[Radiation Physics and Chemistry, 2024](#)
7. [Innovative Energy Retrofit Approach of Historical Buildings Using HBIM Process: The Guest House of Al-Karak Greater Municipality in Jordan a Case Study](#)
[Younis, A., Tawalbeh, M.](#)
[Civil Engineering and Architecture, 2024](#)
8. [Security Challenges and Solutions in Smart Cities](#)
[AlZyoud, F.Y., Al-Falah, R., Tarawneh, M., Tarawneh, O.H.](#)
[Lecture Notes in Networks and Systems, 2024](#)
9. [Coupling membrane electro-bioreactor with anammox process to treat wastewater at low temperatures](#)
[Adam Lagum, A.A., Al-Ghriybah, M., Al-Ma'Abreh, A.M.](#)
[Arabian Journal of Chemistry, 2023](#)

10. [An Exploratory Assessment of Self-Reported Satisfaction with Infrastructure and Out-of-Home Activities for People with Vision Impairments](#)
[Hamed, M.M., Masoud, M.A.](#)
Vision (Switzerland), 2023
11. [Assessment of risks affecting the operational activities of the Amman bus rapid transit \(BRT\) system](#)
[Alnsour, M.A.](#)
Alexandria Engineering Journal, 2023
12. [Castles in Jordan: A Comparative Study of the Islamic and Crusader Castles](#)
[Al-Haddad, M., Ghazaleh, S.A., Atiyat, D., Egho, S.](#)
Civil Engineering and Architecture, 2023
13. [A Study of Global Solar Radiations Measurement in Java Island, Indonesia](#)
[Pachman, A.F., Didane, D.H., Wijianto, u., ...Al-alimi, S., Manshoor, B.B.](#)
Evergreen, 2023
14. [Using Simulation to Maximize the Solar Energy Utilization in Buildings in Amman, Jordan](#)
[Alsoub, A., Al-Omari, K.A., Atiyat, D., Yousef, S.I.](#)
Civil Engineering and Architecture, 2023
15. [Detecting Distracted Drivers Using Convolutional Neural Networks](#)
[Tarabin, M., Alketbi, M.M., Alfalasi, H.R., Alsmirat, M.A., Sharrab, Y.O.](#)
2023 International Conference on Intelligent Data Science Technologies and Applications, IDSTA 2023, 2023
16. [Artificial Intelligence Traffic Analysis Framework for Smart Cities](#)
[Tarawneh, M., AlZyoud, F.Y., Sharrab, Y.O.](#)
Lecture Notes in Networks and Systems, 2023
17. [Improved model for traffic accidentmanagement system using KDD and big data: case study Jordan](#)
[AlZyoud, F.Y.](#)
International Journal of Computers, Communications and Control, 2023