



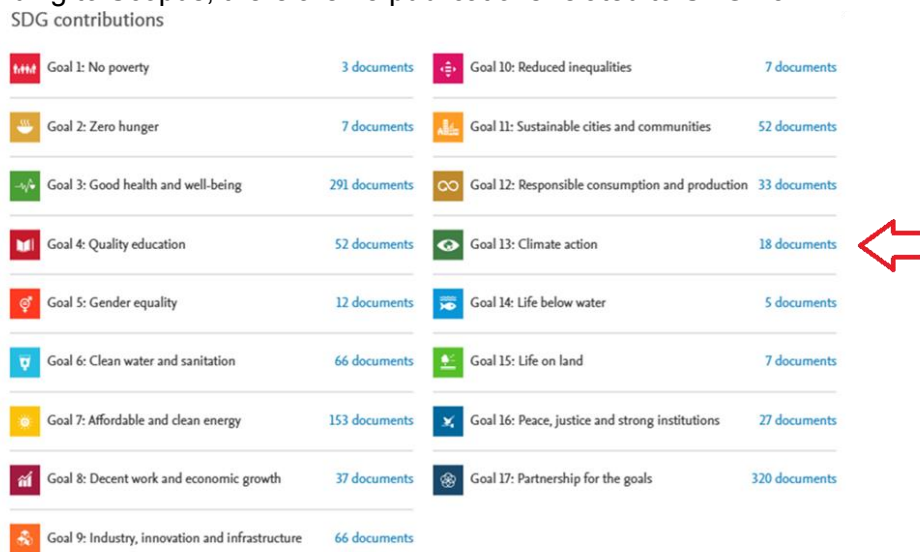
## SDG13: CLIMATE ACTION

### 13.1 Research on Climate Action

Climate change is a major challenge for Jordan, impacting water availability, causing drought, altering sea levels, threatening plant life, and increasing extinction rates for species. This issue arises from human activities that elevate greenhouse gas levels, trapping more heat in the atmosphere.

#### 13.1.1 Climate Action: CiteScore

Recently, faculty members at Isra University have been encouraged to conduct research on climate issues. According to Scopus, there are 18 publications related to SDG 13.



The following table displays the journals where publications are found, along with their highest percentiles according to Scopus. Approximately 16% of the publications published are in the top 10% of journals, according to the Citescore metric. There are three publications between 2022 and 2023 (highlighted).

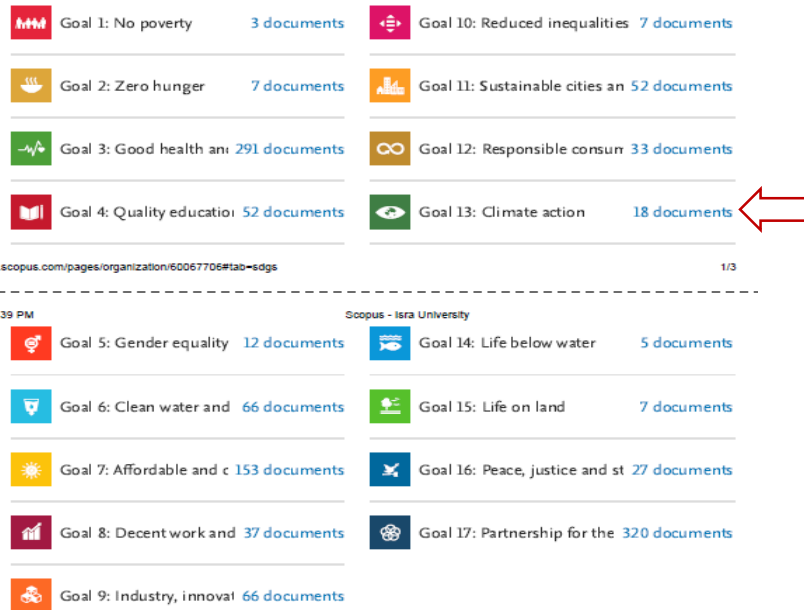
No.	Article	Cite-Score	<u>Highest percentile</u>
1	The Lancet, 2024	148.1	99%
2	Sustainability (Switzerland), 2022	6.8	88%
3	Journal of Environmental Chemical Engineering, 2021	11.4	87%
4	Heliyon, 2020	4.5	82%

No.	Article	Cite-Score	Highest percentile
4	Waste and Biomass Valorisation, 2024	7.9	78%
5	Energy Reports, 2021	8.2	78%
6	Flow, Turbulence and Combustion, 2024	5.7	77%
7	Process Integration and Optimisation for Sustainability, 2024	4.3	74%
8	Results in Control and Optimisation, 2024	3.0	65%
9	Processes, 2020	5.1	60%
10	Jordan Journal of Mechanical and Industrial Engineering, 2016	2.2	49%
11	Tehnicki Vjesnik, 2022	1.9	46%
12	WSEAS Transactions on Business and Economics, 2023	1.5	32%
13	Advances in Horticultural Science, 2011	1.2	31%
14	Dirasat: Human and Social Sciences, 2024 Conference Paper	0.1	29%
15	Environment Protection Engineering, 2019	0.8	16%
16	2nd International Conference on Cyber Resilience, ICCR 2024, 2024	<b>Conference</b>	
17	International Journal of Civil Engineering and Technology, 2018	-	

### 13.1.2 Climate Action: FWCI

A Scopus report indicates that 18 research papers were published related to SDG 13. Three of these papers were published between 2022 and 2023.

SDG contributions



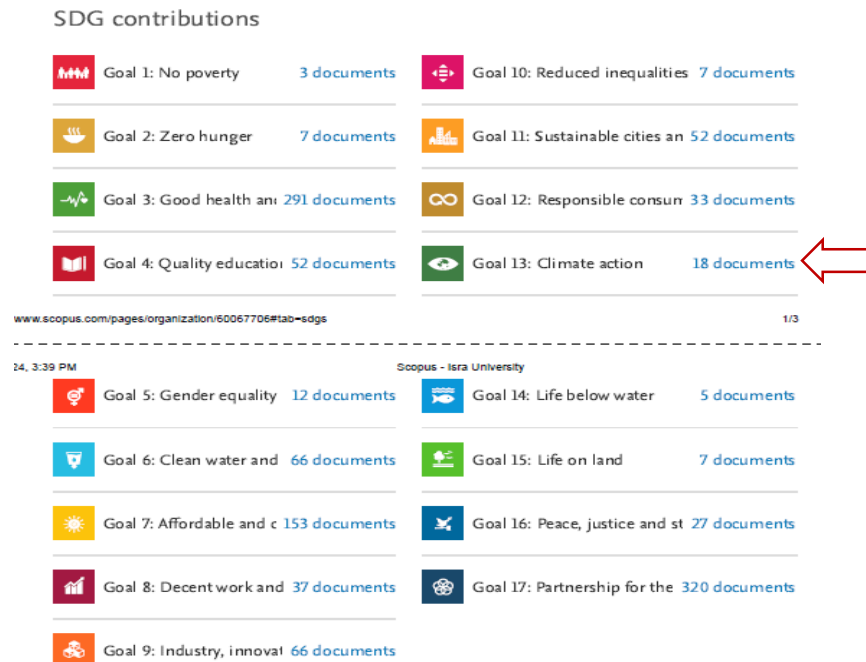
The attached table contains a list of publications related to Sustainable Development Goal 13 (SDG 13). There are 18 publications with a total of 547 citations. The papers published in 2022-2023 are highlighted.

No.	Article	Number of citations
1	An Integrated Goal Programming Model Applied for Planning a National Policy of Sustainable Development: A Case of Jordan Alnsour, M.A. <b>Process Integration and Optimization for Sustainability, 2024</b>	2
2	Techno-Economic and Environmental Sustainability Assessment of a Sewage Sludge Composting Plant: A Case Study <b>Albtoosh, A.F.</b> , Alnsour, M.A., Hajar, H.A., Adam Lagum, A.A. <b>Waste and Biomass Valorization, 2024</b>	3
3	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. <b>The Lancet, 2024</b>	63
4	Artificial intelligent control of energy management PV system Al Smadi, T.A., Handam, A., Gaeid, K.S., ...Al-Husban, Y.Y., Khalid, A.S. <b>Results in Control and Optimization, 2024</b>	35
5	Enhancing the Aerodynamic Performance of the Savonius Wind Turbine by Utilizing Quarter Elliptical Supplementary Blades Al-Ghriybah, M., Adam Lagum, A.A. <b>Flow, Turbulence and Combustion, 2024</b>	1
6	Climate Change in Robinson's Narrative (Venice Drowned)   تغير المناخ في قصة روبنسون (غرق البندقية)	-

No.	Article	Number of citations
	Al Qudah, O.A.S., Al Ahmad, M.H. <b>Dirasat: Human and Social Sciences, 2024</b> <b>Conference Paper</b>	
7	Vegetation Change Detection in Amman, Jordan Using Remote Sensing and GIS Zraqou, J.S., Alkhadour, W., Hadi, W. <b>2nd International Conference on Cyber Resilience, ICCR 2024, 2024</b>	-
8	The Impact of Environmental Disclosure on Market Performance: An Empirical Study of Jordanian-Listed Industrial Companies Alsakini, S.A.A. <b>WSEAS Transactions on Business and Economics, 2023</b>	1
9	Analysis of Internal Combustion Engine Performance Using Design of Experiment Hdaib, I.I., Yamin, J.A.A. <b>Tehnicky Vjesnik, 2022</b>	2
10	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. <b>Sustainability (Switzerland), 2022</b>	17
11	Integrating electrochemical and biological phosphorus removal processes via electrokinetic-based technology Adam Lagum, A.A. <b>Journal of Environmental Chemical Engineering, 2021</b>	18
12	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. <b>Energy Reports, 2021</b>	52
13	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. <b>Processes, 2020</b>	135
14	Current status and future investment potential in renewable energy in Jordan: An overview Abu-Rumman, G.A., Khdair, A.I., Khdair, S.I. <b>Heliyon, 2020</b>	189
15	Mitigation of scale problem in the pumped Disi water to Amman, Jordan Al-Ma'Abreh, A.M., Al-Rawajfeh, A.E., AlShamaileh, E.M., Bazed, G.A. <b>Environment Protection Engineering, 2019</b>	10
16	External wall performance in residential buildings in hot climate countries Varouqa, I.F., Rawashdeh, T.M., Ghannam, S. <b>International Journal of Civil Engineering and Technology, 2018</b>	-
17	Greenhouse gas emissions reduction potential of Jordan's utility-scale wind and solar projects Hussein, N.M. <b>Jordan Journal of Mechanical and Industrial Engineering, 2016</b>	19
18	Seed contents of Coriandrum sativum in Jordan Valley Abu-Hammour, K.A., Wittmann, D. <b>Advances in Horticultural Science, 2011</b>	-
<b>Total</b>		<b>547</b>

### 13.1.3 Climate Action: publications

Interest in climate action research at Isra University is growing. According to Scopus, there are 18 publications related to SDG 13.



The list of publications related to Sustainable Development Goal 13 (SDG 13) is included in the attached table. There are 18 publications, with 17 of them published in journals and one published at a conference. The publication between 2022-2023 are highlighted.

No.	Article
1. 1	An Integrated Goal Programming Model Applied for Planning a National Policy of Sustainable Development: A Case of Jordan Alnsour, M.A. <b>Process Integration and Optimization for Sustainability, 2024</b>
2.	Techno-Economic and Environmental Sustainability Assessment of a Sewage Sludge Composting Plant: A Case Study <b>Albtoosh, A.F.</b> , Alnsour, M.A., Hajar, H.A., Adam Lagum, A.A. <b>Waste and Biomass Valorization, 2024</b>
3.	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. <b>The Lancet, 2024</b>
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5.	Enhancing the Aerodynamic Performance of the Savonius Wind Turbine by Utilizing Quarter Elliptical Supplementary Blades

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	Al-Ghriybah, M., Adam Lagum, A.A. <b>Flow, Turbulence and Combustion, 2024</b>
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7.	Vegetation Change Detection in Amman, Jordan Using Remote Sensing and GIS Zraqou, J.S., Alkhadour, W., Hadi, W. <b>2nd International Conference on Cyber Resilience, ICCR 2024, 2024</b>
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13.	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. <b>Processes, 2020</b>
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15.	Mitigation of scale problem in the pumped Disi water to Amman, Jordan Al-Ma'Abreh, A.M., Al-Rawajfeh, A.E., AlShamaileh, E.M., Bazed, G.A. <b>Environment Protection Engineering, 2019</b>
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## 13.2 Low-carbon energy use

### 13.2.1 Indicator: Low-carbon energy tracking

Isra University is committed to sustainability and reducing its carbon footprint by actively managing and optimising energy consumption across campus facilities. By using low-carbon energy sources, the university significantly lowers its environmental impact and generates a surplus of low-carbon energy that exceeds its total energy needs. By prioritizing energy from renewable and low-carbon sources, Isra University has minimised its reliance on fossil fuels. This effort has contributed to lower greenhouse gas emissions and supports a cleaner, more sustainable environment. The university's approach highlights its commitment to sustainable practices, making it a model for educational institutions that aim to positively impact the environment.

<b>Total energy used</b>	<b>28209kwh= 101.5 GJ</b>
<b>Total energy used from low carbon sources</b>	29048 kwh= 104.6 GJ
<b>Surplus</b>	-839 kwh -3 GJ / year

By prioritising energy from renewable and low-carbon sources, Isra University has minimised its reliance on fossil fuels, contributing to lower greenhouse gas emissions and supporting a cleaner, more sustainable environment. The university's approach showcases its dedication to sustainable practices, serving as a model for educational institutions aiming to make a positive impact on the environment.

The data highlights that the university's total energy usage is approximately **28209 kWh** (101.5 GJ), with low-carbon sources accounting for **29048 kWh** (104.6 GJ), resulting in a **net reduction of 839 kWh** (or 3 GJ per year). This surplus indicates that Isra University is not only offsetting its own energy requirements with low-carbon sources but is also able to contribute to broader carbon reduction efforts by reducing overall demand for high-carbon energy.

By transitioning to low-carbon energy sources, Isra University is making a substantial impact on CO<sub>2</sub> emissions. If we assume that traditional fossil fuel-generated electricity produces approximately **0.233 kg of CO<sub>2</sub> per kWh**, Isra University's use of **29048 kWh** from low-carbon sources could reduce emissions by around **6768 kg of CO<sub>2</sub>** annually (29048 kWh \* 0.233 kg CO<sub>2</sub>/kWh).

Isra University is effectively lowering its carbon footprint, aligning with global sustainability goals, and demonstrating a clear commitment to environmental responsibility. This achievement not only benefits the university community but also contributes to a sustainable future by reducing greenhouse gas emissions and promoting a cleaner, healthier planet.

### 13.2.2 Indicator: Low-carbon energy use

IU is committed to the United Nations call for the reduction of carbon emissions and we work hard to reduce emissions by 43% by 2030 and reach zero by 2025. To achieve that IU worked on the following:

- Nearly 100% of our campus electricity comes from renewable resources, specifically solar energy, at the Isra University Solar Plant. One of the four invoices illustrates this consumption:



شركة الكهرباء الأردنية المساهمة العامة المحدودة  
Jordan Electric Power Company

التاريخ: 28/05/2024  
DPP002AT 24000000

كشوفات الطاقة

رقم الفاتورة	رقم العداد	القيمة المضافة	القيمة الإجمالية	رقم الفاتورة	رقم العداد	القيمة المضافة	القيمة الإجمالية	رقم الفاتورة	رقم العداد	القيمة المضافة	القيمة الإجمالية	رقم الفاتورة	رقم العداد	القيمة المضافة	القيمة الإجمالية		
020940023	12,200	86,803	0	86,803	0	0	0	1,451	195,791	157,222	1,286	155,294	164,492	202,261	20198001203	0240700001188	21887983
020940023	12,888	86,269	0	86,269	0	0	0	2,442	197,222	158,007	1,122	154,402	165,816	202,262	20198001203	0240700001196	21887983
020940023	7,864	75,891	0	75,891	0	0	0	2,084	188,887	162,747	676	168,615	181,253	202,263	20198001203	0240700001198	21887983
020940023	7,686	75,076	0	75,076	0	0	0	3,021	162,747	165,766	630	158,269	180,823	202,264	20198001203	0240700001199	21887983
020940023	61,406	75,200	0	75,200	0	0	0	2,747	188,768	189,845	616	186,303	187,328	202,265	20198001203	0240700001199	21887983
020940023	61,474	75,200	0	75,200	0	0	0	2,261	188,202	170,628	382	187,298	181,131	202,266	20198001203	0240700001198	21887983
020940023	60,662	75,628	0	75,628	0	0	0	2,891	176,828	173,717	381	186,151	188,422	202,267	20198001203	0240700001198	21887983
161110023	80,200	82,044	0	79,528	0	0	0	2,738	173,717	176,453	214	188,422	186,626	202,268	20198001203	0240700001198	21887983
161110023	86,468	83,486	0	82,248	0	0	0	1,963	176,453	178,315	412	188,626	188,211	202,269	20198001203	0240700001198	21887983
161110023	81,200	84,883	0	83,486	0	0	0	1,712	178,315	180,281	364	188,826	188,815	202,270	20198001203	0240700001198	21887983
011010023	82,208	80,220	0	84,883	0	0	0	1,284	180,281	181,211	867	188,815	178,813	202,271	20198001203	0240700001198	21887983
011010023	81,814	86,478	0	86,086	0	0	0	2,070	181,211	183,228	375	178,813	173,987	202,272	20198001203	0240700001198	21887983
080303024	81,374	87,560	0	86,478	0	0	0	1,732	183,228	183,228	643	173,987	173,730	202,273	20198001203	0240700001198	21887983
080303024	82,584	89,280	0	87,262	0	0	0	1,876	186,289	187,026	438	173,730	172,198	202,274	20198001203	0240700001198	21887983
080303024	82,842	81,576	0	86,268	0	0	0	2,821	187,026	188,828	331	172,198	172,489	202,275	20198001203	0240700001198	21887983
080303024	82,842	81,576	0	86,268	0	0	0	2,564	188,828	192,280	236	172,489	172,778	202,276	20198001203	0240700001198	21887983



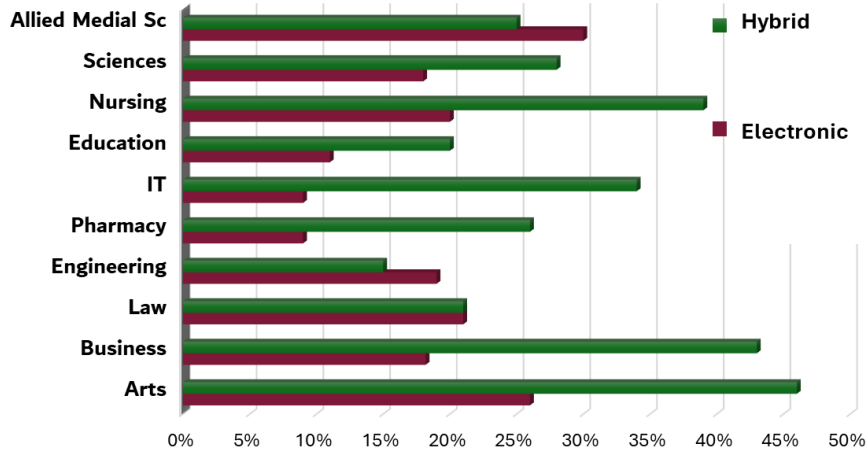
- We used energy-efficient curtains in the university offices and classrooms to help reduce energy consumption.
- Automating course files: Convert all paper course files into electronic format for each course resulting in reduced paper consumption.
- 80% of faculties use renewable energy for heating
- Provide free transportation to all students and staff to reduce traffic congestion. Using group transportation in a single vehicle lowers carbon dioxide emissions.
- The percentage of online and hybrid courses has been increased to reduce traffic and, consequently, the environmental impact, as transportation is a significant emitter of carbon dioxide. This change aligns with the Ministry of Higher Education and Research (MoHR) requirements. During the 2022-2023 period, the university saw a rise in online courses, contributing to a reduction in carbon dioxide emissions. To facilitate this initiative, the university has designated Thursdays for online and hybrid classes, meaning that students will not need to come to campus on Thursdays, Fridays, and Saturdays. The attached chart visualises the percentage of online and hybrid courses.

80% Faculty Heating

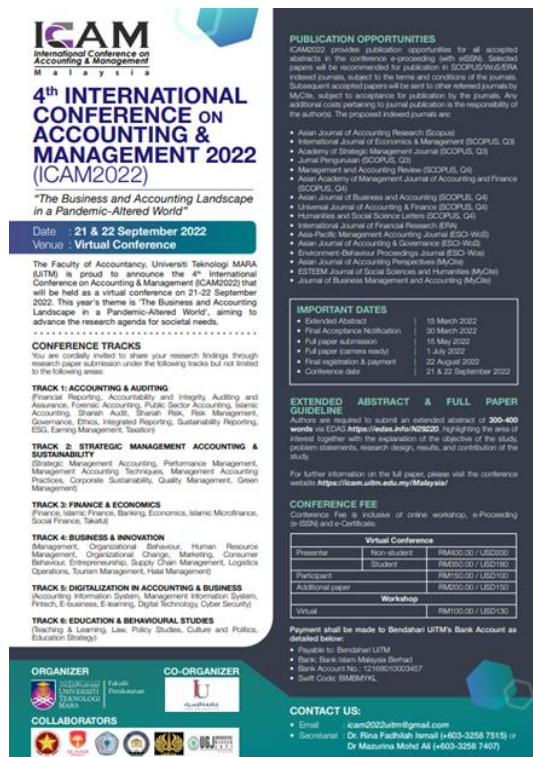




### Percentage of Electronic and Hybrid Course at Isra University 2022/2023



7. We held a virtual conference in collaboration with Malaysia, titled "The 4th International Conference of Accounting and Management" (ICAM2022), which is indexed in Scopus. This event took place from September 21 to 22, 2022, in partnership with MARA University in Malaysia. The theme was "The Business and Accounting Landscape in the Pandemic – An Altered World." The virtual format allowed us to connect with a large audience without the need for travel, thereby contributing to a reduction in carbon dioxide emissions.



**ICAM**  
International Conference on Accounting & Management  
Malaysia

**4th INTERNATIONAL CONFERENCE ON ACCOUNTING & MANAGEMENT 2022 (ICAM2022)**

*"The Business and Accounting Landscape in a Pandemic-Altered World"*

Date : 21 & 22 September 2022  
Venue : Virtual Conference

The Faculty of Accountancy, Universiti Teknologi MARA (UTM) is proud to announce the 4<sup>th</sup> International Conference on Accounting & Management (ICAM2022) that will be held as a virtual conference on 21-22 September 2022. This year's theme is "The Business and Accounting Landscape in a Pandemic-Altered World", aiming to advance the research agenda for societal needs.

**CONFERENCE TRACKS**  
You are cordially invited to share your research findings through research paper submission under the following tracks but not limited to the following areas:

- TRACK 1: ACCOUNTING & AUDITING**  
Financial Reporting, Accountability and Integrity, Auditing and Assurance, Forensic Accounting, Public Sector Accounting, Islamic Accounting, Shariah Audit, Shariah Risk, Risk Management, Governance, Ethics, Integrated Reporting, Sustainability Reporting, ESG, Earning Management, Taxation
- TRACK 2: STRATEGIC MANAGEMENT ACCOUNTING & SUSTAINABILITY**  
Strategic Management Accounting, Performance Management, Management Accounting Techniques, Management Accounting Practices, Corporate Sustainability, Quality Management, Green Management
- TRACK 3: FINANCE & ECONOMICS**  
Finance, Islamic Finance, Banking, Economics, Islamic Microfinance, Social Finance, Taxation
- TRACK 4: BUSINESS & INNOVATION**  
Management, Organizational Behaviour, Human Resource Management, Organizational Change, Marketing, Consumer Behaviour, Entrepreneurship, Supply Chain Management, Logistics Operations, Tourism Management, Hotel Management
- TRACK 5: DIGITALIZATION IN ACCOUNTING & BUSINESS**  
Accounting Information Systems, Management Information Systems, FinTech, E-business, E-learning, Digital Technology, Cyber Security
- TRACK 6: EDUCATION & BEHAVIOURAL STUDIES**  
Teaching & Learning, Life Policy Studies, Culture and Politics, Education Strategy

**PUBLICATION OPPORTUNITIES**  
ICAM2022 provides publication opportunities for all accepted abstracts in the conference e-proceeding with eISSN. Selected papers will be recommended for publication in SCOPUS/WoS/ISI/EBSDA indexed journals, subject to the terms and conditions of the journals. Subsequent selected papers will be sent to other relevant journals by MYCIE, subject to acceptance for publication by the journals. Any additional costs pertaining to journal publication is the responsibility of the authors. The proposed indexed journals are:

- Asean Journal of Accounting Research (Scopus)
- International Journal of Economics & Management (SCOPUS, Q3)
- Academy of Strategic Management Journal (SCOPUS, Q3)
- Journal of Management (SCOPUS, Q3)
- Management and Accounting Review (SCOPUS, Q3)
- Asean Journal of Management Journal of Accounting and Finance (SCOPUS, Q3)
- Asean Journal of Business and Accounting (SCOPUS, Q3)
- Universal Journal of Accounting & Finance (SCOPUS, Q3)
- Humanities and Social Science Letters (SCOPUS, Q3)
- International Journal of Finance Research (EBD)
- Asia-Pacific Management Accounting Journal (ESCI-WoS)
- Asean Journal of Accounting & Governance (ESCI-WoS)
- Environment & Behaviour Proceedings Journal (ESCI-WoS)
- Asean Journal of Accounting Perspectives (M-CIE)
- ESTEM Journal of Social Sciences and Humanities (MYCIE)
- Journal of Business Management and Accounting (MYCIE)

**IMPORTANT DATES**

- Extended Abstract: 15 March 2022
- Final Acceptance Notification: 30 March 2022
- Full paper submission: 15 May 2022
- Full paper (camera ready): 1 July 2022
- Final registration & payment: 22 August 2022
- Conference date: 21 & 22 September 2022

**EXTENDED ABSTRACT & FULL PAPER GUIDELINE**  
Authors are required to submit an extended abstract of **200-400 words** via EDAS <https://redes.info/N29220> highlighting the area of interest together with the explanation of the objectives of the study, problem statement, research design, results, and conclusion of the study.

For further information on the full paper, please visit the conference website <https://icam.utm.edu.my/Malaysia/>

**CONFERENCE FEE**  
Conference fee is available of online workshop, e-Proceeding in ISSN and e-Certificate.

Virtual Conference	
Presenter	Non-student: RM300.00 / USD200.00
Participant	Student: USD100.00 / USD100.00
Additional paper	RM100.00 / USD100.00
Workshop	
Virtual	RM100.00 / USD100.00

Payment shall be made to Bendahara UTM's Bank Account as detailed below:

- Payable to: Bendahara UTM
- Bank: Bank Islam Malaysia Berhad
- Bank Account No.: 12168010000457
- Swift Code: BISM33MY

**CONTACT US:**

- Email: [icam2022utm@gmail.com](mailto:icam2022utm@gmail.com)
- Secretarial: Dr. Rina Fadhliah Ismail (+603-3258 7515) or Dr. Mazurina Mohd Ali (+603-3258 7407)

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8. Isra University switched to LED bulbs, reducing energy consumption for lighting by 50%. Guidelines were also implemented to turn off lights in unused offices and to activate screen savers on idle computers.
9. Isra University aims to prioritise quality and sustainability in all our purchasing and contracting practices. Each year, we review our contracts to identify any violations.
10. All our solid waste is managed by a recycling company. For example, we have a partnership with this company where we exchange wastepaper for new recycled paper.
11. All the chemical and organic waste is contracted through the Ministry of Health for a sustainable disposal strategy.
12. We increased planting to increase the green space within the 300,000 m<sup>2</sup> campus.
13. Jordan has very limited water resources. At IU, we treat wastewater and recycle 37.5% of it for irrigating our plants. We consume 16,000 m<sup>3</sup> of water annually, with the water treatment plant providing 6,000 m<sup>3</sup>. In 2025, we plan to invest in additional water treatment facilities to purify water for other uses.

### 13.3 Environmental education measures

Isra University has integrated environmental education into its curriculum across multiple disciplines, equipping students with the necessary knowledge and skills to address climate change challenges effectively. This multidisciplinary approach ensures that all graduates, regardless of their field of study, appreciate the significance of sustainable practices and environmental conservation. Courses often cover critical topics such as renewable energy, waste management, and sustainable agriculture, linking theoretical knowledge with practical application.

#### 13.3.1 Local education programmes on climate

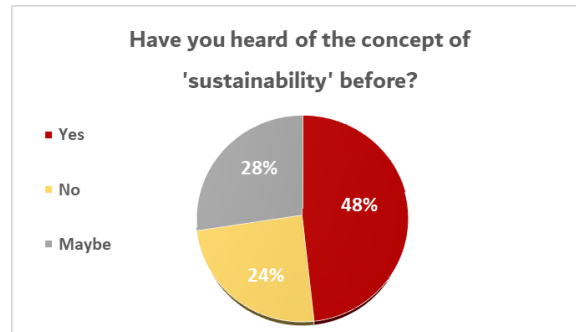
**Year: 2023**

- Since 2018, Israel University and its students have recognised the critical importance of addressing climate change. In November 2018, the university participated in a climate march from Amman to Aqaba. Kawthar Al-Barghouthi represented the university during this event, which took place from November 1 to November 7. She proudly displayed the university flag throughout the march and led a team of women on foot, emphasising both safety and enjoyment.
- **Source:** <https://iu.edu.jo/index.php/ar/all-news/2589-2018-11-21-11-15-48>
- The Assistant President of the University and Dean of the Faculty of Engineering attended the UN Climate Summit COP27 in Sharm El-Sheikh from November 7 to 10, 2022. She was part of the Scientific Committee focused on education within the Cyprus Initiative for Climate Change Education and Outreach. During the summit, she engaged in a session on Education for Climate Change, addressing challenges within the education sector. The event featured UN Secretary-General Antonio Guterres and representatives from 196 countries and various international

organisations. This initiative demonstrates Isra University's commitment to understanding and addressing the impact of climate change on education.

**Source:** <https://www.iu.edu.io/index.php/ar/all-news/1255002874-iu-isra-7098>

We evaluated the awareness of students on sustainability and results demonstrated that as much as 48% of our students are familiar with sustainability concept



### 13.3.2 Climate Action Plan, shared

Isra University is aware of climate change. It implements practices that lower its carbon footprint, recycle water, and reduce freshwater consumption by using recycled wastewater for irrigation. Additionally, in terms of energy,

- **Use green renewable solar Energy:** Install solar panels on campus buildings to generate renewable energy on-site. Almost 100% of our total energy is used for campus electricity from renewable resources.
- **Encourage Low-Carbon Commuting:** Provide incentives for walking, biking, carpooling, or using public transportation to reduce the need for campus-related travel energy.
- **Electric Vehicle (EV) Charging Stations:** Install EV charging stations and encourage the use of electric vehicles or electric campus shuttles.

## 13.4 Commitment to carbon neutral university

### 13.4.1 Commitment to carbon-neutral university

Isra University is actively working toward its goal of becoming a carbon-neutral university. As stated in section 13.2.2, we are implementing practices that contribute to this aim. Isra University is effectively reducing its carbon footprint and demonstrating a commitment to environmental responsibility. This effort benefits the university community and fosters a sustainable future by lowering greenhouse gas emissions and promoting a healthier planet.

#### 13.4.2 Indicator: Achieve by date

- We are taking steps to reduce carbon emissions and IU is committed to the United Nations call for the reduction of carbon emissions and we work hard to reduce emissions by 43% by 2030 and reach zero by 2050. To achieve that IU worked on the following:
- Almost 100% of our total energy used for campus electricity from renewable resources (solar energy) [Israa University Solar Plant](#). One of the four readers invoices demonstrate the consumption
- Used efficient curtains to reduce energy consumption throughout the university offices and classrooms.
- Transform paper course files into electronic files for all courses.
- 80% of faculties use renewable energy for heating
- Provide Free transportation to all students and staff – to make the roads less travelled. Using transportation in one vehicle reduced carbon dioxide emissions.