SINDH MADRESSATUL ISLAM UNIVERSITY (SMIU)

Karachi, Pakistan

SDG 13

Climate Action

Institutional Evidence Report

Item	Detail
Institution	Sindh Madressatul Islam University (SMIU), Karachi, Pakistan
Sustainable Development Goal	SDG 13 – Climate Action
Evidence period covered	July 2023 – June 2024 and January – December 2025
Prepared for	Quality Enhancement Cell (QEC), SMIU
Purpose	Preparation of evidence for the Times Higher Education (THE) Impact Rankings
Report date	October 2026
Source documents	SMIU Annual Report; SMIU Chronicle January–June 2025; SMIU Chronicle July–December 2025

1. Executive Summary

This report presents the evidence of Sindh Madressatul Islam University (SMIU) for SDG 13 – Climate Action, drawn from the SMIU Annual Report and the SMIU Chronicles for 2025. It distinguishes initiatives that specifically address climate change from the University's wider environmental activities, which are presented as context.

SMIU offers BS Climate Change alongside BS, MS and PhD Environmental Sciences, and its BS Environmental Sciences programme was accredited by NAEAC in 2025. It hosted a seminar on climate risks in Sindh (11 June 2025), a climate-responsibility keynote and three climate-related panels at the 3rd Global Research Congress (December 2025), and the International Conference on Green and Sustainable Environment (2024 and 2025), engaging WWF, the Pakistan Red Crescent Society, The Knowledge Forum, the Sindh Environmental Protection Agency and the Climate Action Centre. SMIU is ranked 6th among Sindh public universities and 41st in Pakistan in the UI GreenMetric World University Rankings.

Principal documented contributions

- Department of Environmental Sciences programmes: BS, MS and PhD Environmental Sciences, BS Climate Change and BS Food Science and Technology (AR p.35).
- Seminar "Climate Risks and Challenges in Sindh" with WWF, a fishing-community representative and The Knowledge Forum, 11 June 2025 (CJJ p.62).
- 3rd Global Research Congress, 17–18 December 2025: panels on climate and media narratives, on transforming Karachi into a sustainable and livable city, and on localizing climate action in Sindh; keynote on AI and climate responsibility (CJD p.63, 65, 68, 69).
- International Conference on Green and Sustainable Environment: 2nd edition 28–29 February 2024; 3rd edition December 2025 (AR p.36; CJD p.58).
- UI GreenMetric World University Rankings: 808th globally, 476th in Asia, 41st in Pakistan and 6th in Sindh, improved from 863rd, 480th and 43rd the previous year (CJD p.18).
- Seminar with the Pakistan Red Crescent Society (Sindh Branch), including its climate-smart disaster risk management programme officer, 26 June 2025 (CJJ p.65).
- BS Environmental Sciences accredited by NAEAC (inspection 5 May 2025; certificates 27 May 2025) (CJJ p.19, 23).

2. Introduction and SDG Context

SDG 13 calls for urgent action to combat climate change and its impacts. University-relevant targets include strengthening resilience and adaptive capacity (13.1), integrating climate measures into policies and planning (13.2) and improving education, awareness-raising and institutional capacity on mitigation, adaptation and early warning (13.3).

Universities contribute through climate research and teaching, through the management of their own energy use and emissions, through public engagement, and by convening stakeholders. Pakistan is repeatedly described in SMIU's documents as highly climate-vulnerable, and the Vice Chancellor has called for universities to produce environmental experts to guide communities after events such as the 2022 floods (CJJ p.23).

Evidence areas aligned to THE metric themes for SDG 13

THE metric theme (2025 methodology)	Weight	SMIU evidence presented in this report
Environmental education measures	23%	BS Climate Change and Environmental Sciences programmes, climate seminars, Global Research Congress panels and the ICGSE conference – Sections 3.1 and 3.2.

THE metric theme (2025 methodology)	Weight	SMIU evidence presented in this report
Campus sustainability context (not a separately weighted metric)	–	UI GreenMetric participation and ranking, Green Youth Movement Club, planned green design of the Malir Campus Library – Section 3.3.

3. SMIU's Institutional Contributions

Activities are grouped by theme. Each entry states the activity, date, responsible unit, documented participants or outcomes, the indicative SDG target, the source and page, and its potential relevance to THE.

3.1 Climate-specific education, research and dialogue

Activity / initiative and description	Date; responsible unit	Participants, beneficiaries, outcomes	SDG target; source and page; THE relevance
BS Climate Change programme (listing) The Department of Environmental Sciences lists BS Climate Change among the programmes it currently offers, alongside BS, MS and PhD Environmental Sciences and BS Food Science and Technology. Evidence type: Supporting – programme listing	**Date/period:** 2023-24 **Unit:** Department of Environmental Sciences (Chairperson: Dr Hina Shehnaz)	No intake, enrolment, curriculum or graduate data is shown; the admissions table (AR p.36) lists BS Food Science, BS, MS and PhD Environmental Sciences only.	**Target:** 13.3 **Source:** AR p.35–36 **THE relevance:** Supporting evidence.
Seminar: "Climate Risks and Challenges in Sindh: Regional Vulnerabilities, Emissions Control, and Institutional Strategies for Sustainable Action" Held at the Sir Shahnawaz Bhutto Auditorium, jointly by the Department of Social and Development Studies and The Knowledge Forum (TKF). Speakers from WWF, the fishing community and TKF discussed sea-level rise, extreme weather in the Indus Delta, emission control and climate governance. The closing remarks stressed regional collaboration and academic involvement in climate resilience. Evidence type: Direct – activity	**Date/period:** 11 June 2025 **Unit:** Department of Social and Development Studies (Chairperson: Dr Subhash Babu)	Speakers: Mr Ali Anjum (WWF), Ms Fatima Majeed (fishing community), Ms Zhenia Shoukat (TKF), Mr Shuja Qureshi (recognised). Moderated by Dr Muhammad Kamil Lakho.	**Target:** 13.3, 13.1 **Source:** CJJ p.62 **THE relevance:** Evidence under "Environmental education measures".
3rd Global Research Congress – climate-related panels and keynote Panels: "Climate Change and Media Narratives in the Age of AI" (Faculty of Social Sciences, 17 December); "Transforming Karachi into a Sustainable and Livable City" (Faculty of Science, 17 December; speakers included the Director of the Climate Action Centre and an officer of the Sindh Environmental Protection Agency); "Localizing Climate Action in Sindh: Challenges and Adaptation Strategies" (Faculty of Social Sciences with TKF, 18 December). Keynote session "Sustainable Intelligence: Redefining Business Value in the Age of AI and Climate Responsibility" (17 December). Evidence type: Direct – activity	**Date/period:** 17–18 December 2025 **Unit:** Faculty of Social Sciences; Faculty of Science; Faculty of Management, Business Administration and Commerce	Panel remarks include speaker views on solar adoption, groundwater, air quality, adaptation and emissions; The Congress report notes sessions in areas including climate change (CJD p.82).	**Target:** 13.3, 13.2 **Source:** CJD p.63, 65, 68, 69, 82 **THE relevance:** Supporting; the panels bring in government and civil-society actors (SEPA, CAC).
International Conference on Green and Sustainable Environment (ICGSE)	**Date/period:** 28–29 February 2024; 17–	Activity recorded in the cited source.	**Target:** 13.3 **Source:** AR p.36; CJD p.58, 75

Activity / initiative and description	Date; responsible unit	Participants, beneficiaries, outcomes	SDG target; source and page; THE relevance
The 2nd ICGSE was held under the 2nd Global Research Congress. The 3rd ICGSE-2025 was organised by the Faculty of Science with the theme "Valuing Nature: Reimagining Food and Environmental Sustainability". Its scope is environmental and food sustainability. Evidence type: Direct – activity	18 December 2025 **Unit:** Department of Environmental Sciences; Faculty of Science		**THE relevance:** Supporting; obtain programme and abstract book to identify climate papers.
Programme accreditation – BS Environmental Sciences The NAEAC Accreditation Inspection Committee visited on 5 May 2025; the Vice Chancellor presented accreditation certificates on 27 May 2025 and stressed the need for environmentalists given Pakistan's climate vulnerability and the 2022 floods. Evidence type: Direct – activity and outcome	**Date/period:** 5 May and 27 May 2025 **Unit:** Department of Environmental Sciences; QEC	Accreditation of the programme reported.	**Target:** 13.3 **Source:** CJJ p.19, 23 **THE relevance:** Supporting evidence of climate-relevant education quality.

3.2 General environmental education and activities

Activity / initiative and description	Date; responsible unit	Participants, beneficiaries, outcomes	SDG target; source and page; THE relevance
World Environment Day, Earth Day and related seminars The Department of Environmental Sciences held an Earth Day seminar (with DSA), a World Environment Day seminar, a World Food Day seminar (with ORIC) and an essay and digital poster competition. Evidence type: Direct – activities	**Date/period:** 16 October 2023; 30 April 2024; 5 June 2024; Spring 2024 **Unit:** Department of Environmental Sciences; DSA; ORIC	Activity recorded in the cited source.	**Target:** 13.3 **Source:** AR p.37 **THE relevance:** Contextual environmental education.
Seminar "Echoes of Earth: Voices Against Plastic Pollution" Held in connection with World Environment Day with the Pakistan Red Crescent Society, Sindh Branch. Speakers addressed disaster management, behaviour change and a pledge against plastic pollution; the Vice Chancellor spoke on climate awareness for students and rural populations and on environmental budgets. Evidence type: Direct – activity	**Date/period:** 26 June 2025 **Unit:** Department of Environmental Sciences (with PRCS)	Speakers included the PRCS Provincial Secretary and its Program Officer for Climate Smart Disaster Risk Management and Dr Hina Shahnaz. Statements by the Vice Chancellor on farmers' awareness are his remarks, not survey findings.	**Target:** 13.3, 13.1 **Source:** CJJ p.65 **THE relevance:** Partly climate-relevant awareness; mainly plastic-pollution education.
Water-saving practice in courses Water-saving techniques, including harvesting of air-conditioner water, were conducted as part of Introduction to Environmental Science courses (FST 103 and ENV 101). Evidence type: Supporting – teaching activity	**Date/period:** 2023-24 **Unit:** Department of Environmental Sciences	Mainly relevant to water conservation (SDG 6/12).	**Target:** 13.3 **Source:** AR p.37 **THE relevance:** Contextual supporting evidence.

3.3 Campus sustainability, resilience and planned infrastructure

Activity / initiative and description	Date; responsible unit	Participants, beneficiaries, outcomes	SDG target; source and page; THE relevance
UI GreenMetric World University Rankings SMIU was ranked 6th among Sindh public universities and 41st in Pakistan, and 808th worldwide and 476th in Asia (previous year 863rd, 480th and 43rd). The Vice Chancellor credited the Department of Environmental Sciences and the Environmental Science Society. Evidence type: Direct – output (ranking position)	**Date/period:** Reported July–December 2025; edition year not stated **Unit:** Vice Chancellor's office; Department of Environmental Sciences; QEC (workshop participation)	QEC participated in a UI GreenMetric workshop on 16 October 2023 (AR p.66). The announcement links the ranking to SDG commitment and green campus management.	**Target:** 13.2 **Source:** CJD p.18; AR p.66 **THE relevance:** Useful context and possible source of campus-sustainability data; not itself a THE indicator.
Green Youth Movement Club The Annual Report lists elections for representatives of the HEC "Green Youth Movement Club" Executive Council among events. A national statement describes such clubs as training environmental advocates on climate change. Evidence type: Supporting – activity	**Date/period:** 2023-24; statement 17 April 2025 **Unit:** Directorate of Broadcasting and Media Training listing; DSA	Activity recorded in the cited source.	**Target:** 13.3 **Source:** AR p.76; CJJ p.14 **THE relevance:** Possible student climate-engagement mechanism; needs club records.
Malir Campus Library – green and sustainable vision A committee of environment, library and IT experts has been planning an eco-friendly facility with energy-efficient technologies, sustainable materials and natural lighting. Evidence type: Supporting – planned initiative	**Date/period:** 2023-24 (planning) **Unit:** Library; committee (membership not named)	The Malir campus is described as under construction (AR p.6; CJD p.25).	**Target:** 13.2 **Source:** AR p.80, 6; CJD p.25 **THE relevance:** Supporting evidence.
Disaster-preparedness engagement Partnership with the Pakistan Red Crescent Society on disaster management and climate-smart disaster risk management, presented at a joint seminar. Evidence type: Direct – activity (single event)	**Date/period:** 26 June 2025 **Unit:** Department of Environmental Sciences	Activity recorded in the cited source.	**Target:** 13.1 **Source:** CJJ p.65 **THE relevance:** Supporting evidence.

4. Key Achievements and Outcomes

Documented items relevant to SDG 13 are listed below.

Measure	Documented value	Period	Source
UI GreenMetric position	808th world; 476th Asia; 41st Pakistan; 6th Sindh	2025	CJD p.18
Previous UI GreenMetric position	863rd world; 480th Asia; 43rd Pakistan	Previous year	CJD p.18
Climate and environment programmes	BS, MS, PhD Environmental Sciences; BS Climate Change; BS Food Science and Technology	2023-24	AR p.35
Environmental Sciences research papers published	13	2023-24	AR p.36

Measure	Documented value	Period	Source
Climate-related events	Climate seminar (11 June 2025); 3 Congress panels and 1 keynote (December 2025); ICGSE 2024 and 2025	2024–2025	CJJ p.62; CJD p.58, 63, 65, 68, 69; AR p.36
Programme accreditation	BS Environmental Sciences – NAEAC	May 2025	CJJ p.19, 23

5. Institutional Policies and Strategic Alignment

The table lists the institutional structures, programmes and commitments recorded in the source documents, with their status as reported.

Policy, strategy or commitment	Status	Source
Green and sustainable Malir Campus Library design	Planned (committee formed)	AR p.80
Participation in UI GreenMetric	Ongoing participation (rank improved)	CJD p.18; AR p.66
Commitment of leadership to environmental education and experts	General commitment (statements)	CJJ p.23, 65
BS Climate Change programme	Listed as offered	AR p.35

6. Partnerships and Stakeholder Engagement

Climate-related collaborations recorded in the source documents are summarised below.

Partner / stakeholder	Nature of engagement	Date; source	Status
WWF (Pakistan)	Speaker at climate seminar; environmental activities (see SDG 14 and 15 reports)	11 Jun 2025; CJJ p.62	Active: participation documented.
The Knowledge Forum (TKF)	Co-organiser of climate seminar and Congress panel	11 Jun and 18 Dec 2025; CJJ p.62; CJD p.69	Active: two events.
Pakistan Red Crescent Society, Sindh Branch	Plastic-pollution seminar; disaster management	26 Jun 2025; CJJ p.65	Active: one event.
Sindh Environmental Protection Agency; Climate Action Centre; University of Peshawar; Sindh Agriculture University	Panellists at Congress sessions	17–18 Dec 2025; CJD p.68–69	Participation documented; no continuing programme.
NAEAC	Programme accreditation	May 2025; CJJ p.19, 23	Active: accreditation outcome.
UI GreenMetric (Universitas Indonesia)	Ranking participation; QEC workshop	2023; 2025; AR p.66; CJD p.18	Active participation.

7. Evidence Matrix for THE Impact Rankings

The matrix lists the evidence items presented in this report against the SDG targets and the THE metric themes to which they relate. Potential THE indicators refer to the metric themes published in THE's Impact Rankings 2025 methodology.

Sr. No.	Activity / initiative	SDG target	Potential THE indicator	Evidence available	Source document	Page / section	Responsible department
1	BS Climate Change programme	13.3	SDG 13 – Environmental education measures	Programme listing	AR	p.35–36	Dept of Environmental Sciences
2	Climate Risks and Challenges seminar	13.3, 13.1	SDG 13 – Environmental education measures	Event report	CJJ	p.62	Social and Development Studies
3	GRC climate panels and keynote	13.3, 13.2	SDG 13 – Environmental education measures (supporting)	Event reports	CJD	p.63, 65, 68, 69	Faculties of Social Sciences, Science, Management
4	ICGSE 2024 and 2025	13.3	SDG 13 – supporting	Conference reports	AR; CJD	AR p.36; CJD p.58, 75	Faculty of Science; Environmental Sciences
5	Plastic-pollution seminar with PRCS	13.3, 13.1	Supporting	Event report	CJJ	p.65	Environmental Sciences
6	NAEAC accreditation of BS Environmental Sciences	13.3	Supporting	Visit and certificate reports	CJJ	p.19, 23	Environmental Sciences; QEC
7	UI GreenMetric participation and rank	13.2	Contextual; possible data source for energy/climate items	Rank announcement	CJD; AR	CJD p.18; AR p.66	QEC; Environmental Sciences
8	Green Youth Movement Club	13.3	Supporting	Listing of elections	AR; CJJ	AR p.76; CJJ p.14	DSA; Environmental Sciences
9	Malir Campus Library green design	13.2	Supporting (planned)	Planning statement	AR	p.80	Library; Works and Services
10	Disaster preparedness and resilience	13.1	Supporting	Single partner event	CJJ	p.65	Registrar; Works and Services; Environmental Sciences

8. Conclusion

SMIU's documented contribution to SDG 13 lies in climate and environmental education: dedicated degree programmes, accredited training of environmental scientists, and a sustained programme of seminars, panels and conferences that bring government agencies, civil society and academics together on climate risk and adaptation in Sindh.

Its improving UI GreenMetric standing, the student-facing Green Youth Movement Club, the partnership with the Pakistan Red Crescent Society on climate-smart disaster risk management and the planned green design of the Malir Campus Library complete a profile of an institution building climate awareness and capacity in a highly climate-vulnerable region.

9. References and Evidence Sources

Institutional documents

Abbrev.	Document	Pages cited
AR	SMIU Annual Report (internal title "SMIU Annual Report 2023-24"; period July 2023–June 2024).	p.6, 35–37, 62, 66, 70–71, 76, 80
CJJ	SMIU Chronicle, January–June 2025.	p.14, 19, 23, 55, 62, 65
CJD	SMIU Chronicle, July–December 2025.	p.18, 25, 58, 63, 65, 68–69, 75, 82