

The Sustainability Report

15 LIFE
ON LAND



2024/2025



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BACKGROUND

Gulf University (GU) actively supports Sustainable Development Goal 15 – Life on Land**, fostering environmental stewardship, biodiversity conservation, and sustainable land management. During 2024–2025, GU integrated green campus initiatives, tree-planting programs, and land restoration awareness campaigns into its broader sustainability framework.

Through collaboration between the Sustainability and Development Makers Center (SDM-C), the Community Engagement & Continuing Education Centre (CECEC), and the Sustainable Engineering Hub (SEH), GU strengthened its contribution to national and global targets for ecological preservation, carbon reduction, and community engagement.

Major Highlights 2024–2025

- Tree-planting drives and habitat restoration on campus and nearby communities.
- Research and student projects focused on land degradation prevention and biodiversity.
- Waste-to-compost initiative supporting green landscaping.
- Partnerships with Bahrain’s Supreme Council for Environment (SCE) for ecosystem awareness.

Green Campus and Community Actions

Gulf University’s green campus initiatives are central to its SDG 15 commitment. The university organizes and participates in numerous activities to promote land conservation and community engagement.

Initiative	Description	Date	Partners	Outcome
Tree for Every Student Campaign	Every new student plants a tree as part of GU’s green pledge and sustainability commitment.	Oct 2024	CECEC, SDM-C	350 trees planted; enhanced campus green cover.
Campus Biodiversity Survey	Conducted assessment of on-campus flora and fauna to map biodiversity zones and habitats.	Dec 2024	SDM-C, Biology Dept.	12 species identified; habitat zones marked.
Community Clean & Green Drive	Collaborative clean-up with Isa Town Municipality to promote public park sustainability.	Feb 2025	CECEC, Municipality	2 tons of waste collected and recycled.
Desert Ecosystem Awareness Seminar	Expert-led sessions on soil preservation, desert flora protection, and ecological resilience.	Apr 2025	SDM-C, SCE	Increased awareness of desert ecosystem fragility.

Training, Innovation, and Awareness Programs

Program	Objective	Participants	Key Outcome
Workshop: Land Restoration Techniques	Teach students methods for soil improvement and tree care.	70 students	Hands-on training on tree planting and maintenance.
Training: Composting for Sustainability	Convert organic waste into fertilizer for landscaping.	50 participants	Campus composting system produced 250 kg of fertilizer.
Green Design Challenge	Inspire students to develop eco-friendly urban land projects.	10 student teams	3 projects selected for SEH pilot testing.
Nature Walk & Environmental Talks	Promote ecological literacy and wildlife awareness.	100 students	Strengthened connection between students and nature.

Supporting Land Ecosystems Through Education

3.1 Events About Sustainable Use of Land

Sustainability Week Launch (September 21, 2024)

- **Participants:** Staff and students
- **Objectives:** Raise sustainability awareness and promote sustainable lifestyle
- **Activities:** Launch ceremony with keynote speakers from environmental organizations

Beach Cleanup Event (September 20, 2024)

- **Participants:** 33 participants (Sustainability Week)
- **Objectives:** Raise environmental awareness and promote civic responsibility
- **Impact:** Development of environmental stewardship, teamwork, and community service skills

3.2 Sustainably Farmed Food on Campus

Farmers Market Initiative (Sustainability Week 2024)

- Part of community engagement activities during Sustainability Week
- Promoted locally sourced, sustainably farmed produce
- Connected local farmers with university community

Fruit Day Event (July 3, 2024)

- **Participants:** 70 attendees
- **Objectives:** Promote healthy eating habits and support local farmers
- **Impact:** Enhanced health awareness, nutrition knowledge, and appreciation for local agriculture

3.3 Maintain and Extend Current Ecosystems' Biodiversity

"Plant a Tree with Gulf University" (December 29, 2024)

- **Participants:** 45 students and staff
- **Objectives:** Raise environmental awareness and plant trees on campus
- **Impact:** Enhanced environmental consciousness and community participation

Visit to Bahrain Scientific Centre (December 3, 2024)

- **Participants:** 23 students (Sustainability Club)
- **Objectives:** Understand local sustainability projects and scientific engagement
- **Impact:** Hands-on environmental awareness and scientific knowledge

3.4 Educational Programmes on Ecosystems

"Instilling a Culture of Sustainability on Campus" Workshop (July 1, 2024)

- **Participants:** 53 students
- **Objectives:** Raise awareness about sustainability importance and encourage sustainable daily practices
- **Impact:** Enhanced environmental awareness, sustainable living skills, and problem-solving abilities

Content Creation Workshop - Sustainability Week (October 19, 2024)

- **Participants:** 42 students
- **Objectives:** Media sustainability awareness
- **Impact:** Digital content creation skills and sustainable media production

3.5 Sustainable Management of Land for Agriculture and Tourism

Visit to Almarai Livestock Expo (November 27, 2024)

- **Participants:** 98 attendees
- **Objectives:** Support community activity and agricultural event organization
- **Impact:** Enhanced organization, teamwork, and communication skills

4. Supporting Land Ecosystems Through Action

4.1 Sustainable Use, Conservation and Restoration of Land (Policy)

Campus Sustainability Initiatives

Desert Camping Experience (February 28, 2024)

- **Participants:** 246 students
- **Objectives:** Experience desert beauty, foster community, and develop leadership
- **Impact:** Appreciation for nature, environmental awareness, and problem-solving skills

Volunteer Neighborhood Improvement Projects (October 14-16, 2024)

- Painting murals and planting flowers in local neighborhoods
- Community beautification and environmental enhancement

4.2 Collaboration for Shared Land Ecosystems

Collaborations with various entities for sustainability initiatives continued throughout the 2024-2025 period.

5. Land Sensitive Waste Disposal

5.1 Policy on Plastic Waste Reduction

Donation and Reuse Initiatives

Clothing Donation Campaign (October 21, 2024)

- **Participants:** 26 donors
- **Objectives:** Support the needy
- **Impact:** Enhanced charity, social responsibility, and empathy skills

6. Student Sustainability Club Activities

Club Formation and Structure

- **Launch:** October 2024 during Sustainability Week
- **Purpose:** Student-led sustainability initiatives and awareness campaigns
- **Membership:** Active student participation in environmental projects

Key Activities

Beach Clean-Up Event (September 20, 2024)

- **Participants:** 33 participants
- Regular coastal conservation activities

Tree Planting Initiatives

- **December 29, 2024:** "Plant a Tree" initiative - 45 participants
- Embracing sustainability through environmental conservation

Breast Cancer Awareness Month (October 30, 2024)

- **Participants:** 45 participants (Sustainability Week workshop)
- Health and wellness as part of holistic sustainability

8.SUMMARY OF ACTIVITIES 2024: Activity Statistics

2024 Activities (Through May)

Category	Number of Events / Activities
Total Events	95+
Sustainability Week	38+ activities
Sports Tournaments	20+
Educational Trips	5
Workshops and Training	25+
Cultural Celebrations	10+
Community Engagement	15+

Institutional Policies and Land Sustainability Framework

Green Campus Policy: Integrates sustainable landscaping, tree maintenance, and biodiversity preservation.

Waste-to-Compost System: Transforms organic waste into nutrient-rich soil for gardens and parks.

Biodiversity Protection Plan: Protects local plant species and promotes native flora restoration.

Water-Efficient Irrigation System: Reduces water usage through drip irrigation and smart controls.

Partnerships with SCE and Municipalities: Joint projects on tree planting, soil care, and ecosystem education.

These strategies align with SDG Targets 15.1, 15.3, and 15.5 – ensuring sustainable use of terrestrial ecosystems, combating desertification, and halting biodiversity loss.

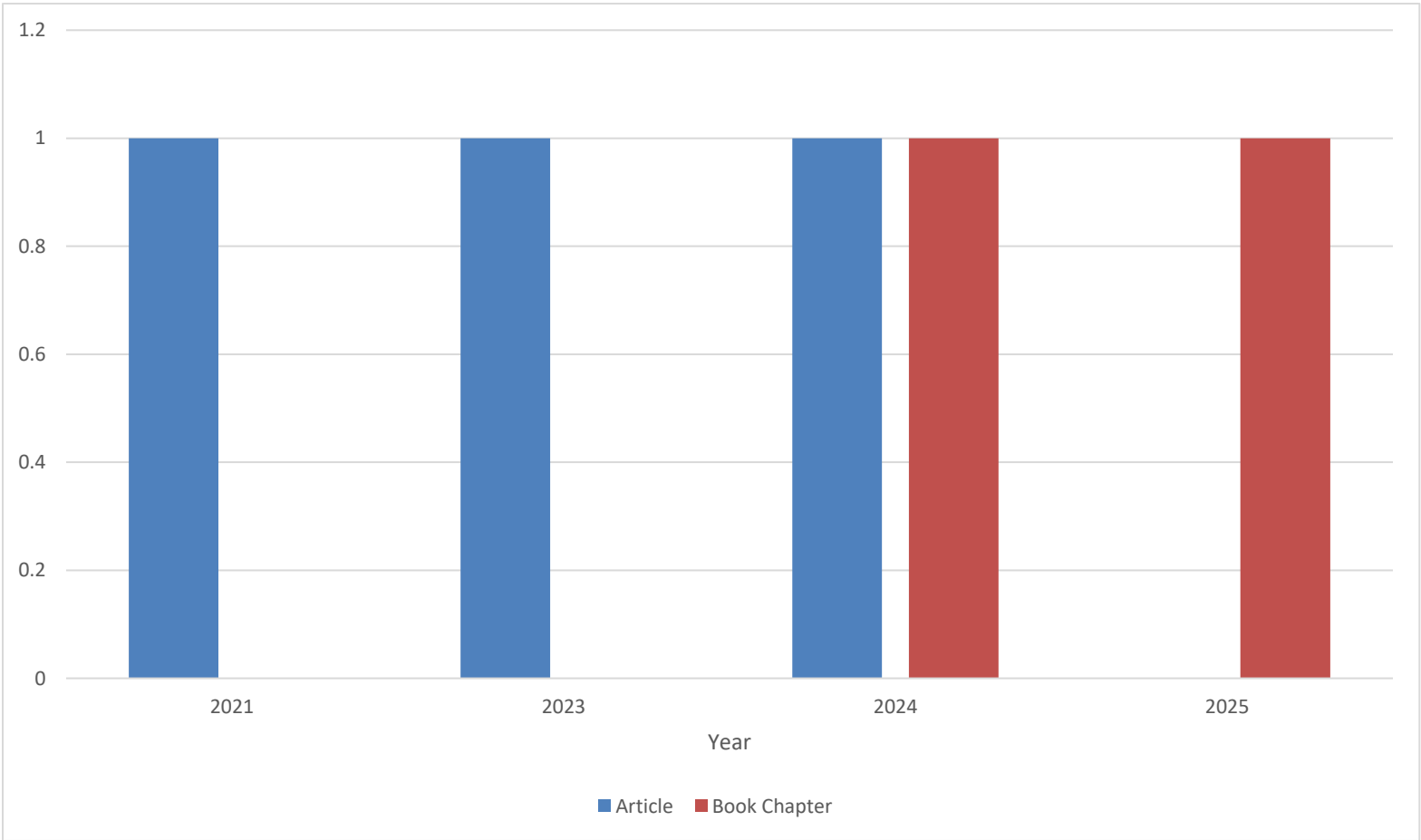
Impact Highlights and Key Performance Indicators

Indicator	Impact Summary (2024–2025)	Quantitative Result
Reforestation Efforts	Trees planted across Gulf University campus and community zones to enhance green cover.	350 trees planted
Waste-to-Compost Initiative	Organic waste converted into compost for campus landscaping and sustainability gardens.	250 kg of compost produced
Biodiversity Mapping	On-campus survey identified and documented native plant and animal species.	12 native species identified
Awareness & Education Campaigns	Environmental outreach and training programs promoting land and soil protection.	4 major campaigns conducted

Key Performance Indicators

KPI	Indicator Description	2024–2025 Result	Status
KPI 1	Number of trees planted on campus and community sites	350	Achieved
KPI 2	Amount of organic waste converted to compost	250 kg	Achieved
KPI 3	Number of biodiversity species recorded	12	Achieved
KPI 4	Participants in environmental training programs	200+	Exceeded
KPI 5	Community partnerships for land restoration	3	On Track

SDG15 Publications by Type & Year (2021-2025)



SDG15 Articles in 2024-2025 (July)

Authors Name	Title	Journal / Book Series	Type	Year
Milhem, M., Ateeq, A.A., Ateeq, R.A.,...Santhanamery, T., Al Astal, A.Y.M.	Bridging Worlds: Envisioning a Sustainable Future Through CSR in Developing Countries	Studies in Systems Decision and Control	Book Chapter	2025
Bala, H., Al-Absy, M.S.M., Ya’u, A.,...Mustapha, U.A., Musa, B.	The Effect of Environmental Taxes on Environmental Accounting Disclosure of Nigerian Oil and Gas Companies	International Journal of Energy Economics and Policy	Article	2024
Sani, A.A., Al-Absy, M.S.M., Bala, H.,...Zahid, U., Musa, B.	Green Auditing as a Catalyst for Sustainable Environment in Nigerian Oil and Gas Industry	Studies in Systems Decision and Control	Book Chapter	2024

Conclusions and Recommendations

Gulf University’s 2024-2025 initiative under SDG 15 demonstrates its dedication to environmental protection and ecological balance. Through green campus operations, Research and community engagement. GU continues to build a sustainable future that supports life on land.

Recommendations for 2025-2026

1. Expand tree planting initiatives to achieve 500 trees planted annually.
2. Establish a campus biodiversity monitoring program.
3. Increase student-led sustainability projects.
4. Develop more partnerships with local environmental organizations.
5. Create a sustainability certification program for students.
6. Enhance digital platforms for sustainability education.
7. Implement carbon footprint tracking for campus operations.

Alignment with Kingdom of Bahrain Vision 2030

- Gulf University's sustainability initiatives directly support Bahrain's Economic Vision 2030, particularly in:
- Environmental sustainability
- Quality education
- Community engagement
- Innovation and research
- Youth empowerment

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