

THE SUSTAINABILITY REPORT

SDG 15



2023-2024

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BACKGROUND

Gulf University is committed to supporting the Kingdom's efforts towards achieving SDG 15: Life on Land. By promoting sustainable practices, such as waste reduction and energy efficiency, the university is reducing its environmental impact. Additionally, GU is actively involved in biodiversity conservation initiatives, including such as supporting research on local ecosystems or participating in afforestation projects. Through these efforts, the university is contributing to the global goal of protecting terrestrial ecosystems and biodiversity.

GU Sustainability Week | 20th -24th October 2024 | Gulf University -Bahrain

The “Sustainability Week 2024” organized by Gulf University, Kingdom of Bahrain from the 20th to the 24th of October 2024 was a significant initiative dedicated to promoting sustainable practices aligned with the United Nations' 17 Sustainable Development Goals (SDGs). This event brought together a diverse array of participants, including students, faculty, staff, industry partners, experts, government representatives, and community members. Through a range of activities and initiatives, this event aimed to promote environmental, social, and economic sustainability efforts. By bringing together academia, industry, and the community, Gulf University's Sustainability Week 2024 has made a significant contribution to promoting sustainability in Bahrain and beyond.

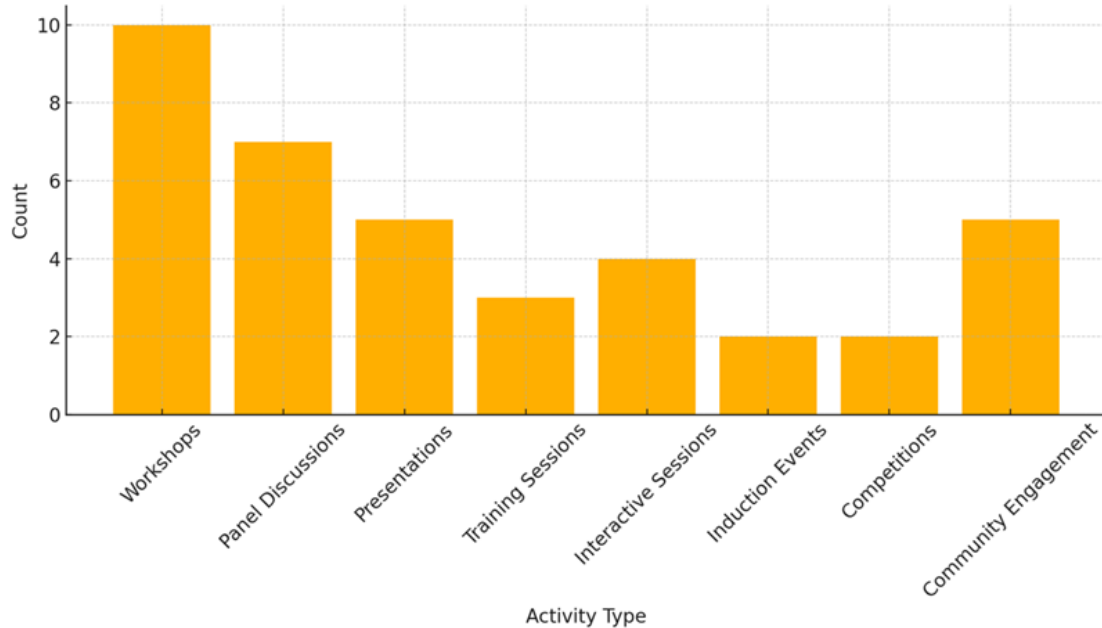
Activities during Sustainability Week

This section provides an overview of all activities conducted during the Sustainability Week, broken down by type and specific examples.

Table 1: GUSW Activities Count

| GUSW Activity Type | Count | Topic/Scope |
|----------------------|-------|---|
| Workshops | 10 | Energy Conservation, Recycling & Waste Management, Nutrition, Digital Solutions, Clean Energy |
| Panel Discussions | 7 | Climate Action, Biodiversity, Circular Economy, Urban Planning |
| Presentations | 5 | SDG Overview, Climate Change, Smart Mobility, Urban Design |
| Training Sessions | 3 | “AI & Metaversity for Sustainable Development” Workshop, ESG Engagement, Smart Cities |
| Interactive Sessions | 4 | Marine Conservation Awareness, SDG Exploration, Tree Planting, Community Wellness |
| Induction Events | 2 | Sustainability Club Formation, Campus Clean-Up Challenge |
| Competitions | 2 | SDG Quiz, Best Innovative Research/Project Competition |

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|---------------------------------|-----|---|
| Community Engagement Activities | 5 | Farmers Market, Potluck Lunch, Tree Planting, On-Campus Clean-Up, Donation Drives |
| Key Speakers/Panelists | 20+ | Including representatives from Ministries, KPMG Bahrain, UNIC, Bahrain Science Center |



To achieve SDG 15, Life on Land, Gulf University organizes a variety of activities, including workshops, panel discussions, presentations, training sessions, interactive forums, induction events, competitions, and community engagement initiatives. These events feature key speakers and panelists, promoting dialogue and collaboration to drive progress in creating clean environments for the communities. Through these initiatives, the university aims to promote Life on Land, sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation

Activities organized by student organizations related to sustainability



STUDENT SUSTAINABILITY CLUB MEMBERS



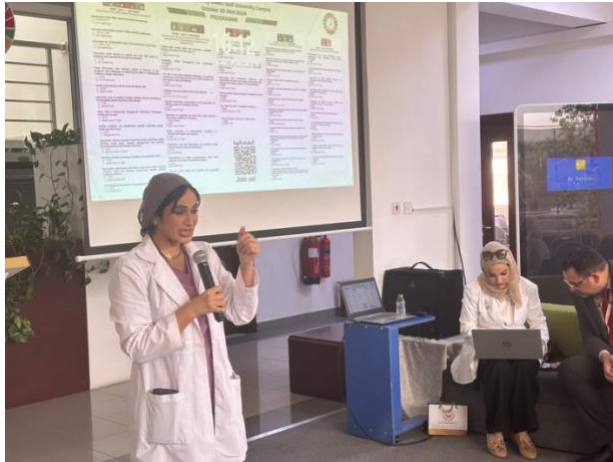
THE BEACH CLEAN-UP EVENT ORGANIZED BY STUDENT COUNCIL RELATED TO SUSTAINABILITY MAPPED WITH SDG 15: LIFE ON LAND



STUDENT CLUB MEETING TO ORGANIZE SUSTAINABILITY EVENTS



LIFE UNDER WATER EVENT BY SUSTAINABILITY CLUB MEMBERS



BREAST CANCER DAY



BREAST CANCER AWARENESS EVENT



SPORTS DAY FOR STUDENTS & GU STAFF FOR PROMOTING AND THRIVING AND ACTIVE LIFESTYLE



EMBRACING SUSTAINABILITY: TREE DAY PROMOTING ENVIRONMENTAL CONSERVATION AT GULF UNIVERSITY



DISTRIBUTION OF FOOD & WATER

| # | Activity Name | Type of Activity | Activity Date |
|---|--|------------------|------------------|
| 1 | Promoting Sustainable Mindsets: Integrating Sustainability Across Educational Practices | Workshop | Sept. 18, 2024 |
| 2 | Environmental Initiatives & Innovative Projects | Project | Sept. 21, 2024 |
| 3 | Measuring and Enhancing Community Engagement: Assessing the Impact of GU Initiatives on Local Communities | Workshop | Sept. 14, 2024 |
| 4 | Optimizing Energy Practices: Strategies for Effective Energy Management | Workshop | Sept. 29, 2024 |
| 5 | GU volunteers improve the appearance of neighborhoods through projects "painting murals & planting flowers." | Event | Oct. 14-16, 2024 |
| 6 | Volunteer to help care for Cats & Dogs, assisted with adoption events, and promoted responsible pet ownership. | Event | Nov. 08, 2022 |

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| 7 | Bahrain National Day | Cultural Activity | Dec. 15, 2023 |
| 8 | Bahraini Women Day | Cultural Activity | Dec. 01, 2023 |
| 9 | One Day University President (female student) | Event | Dec. 02, 2023 |
| 10 | GU Student perform Play on Eid Day | Cultural Activity | May 04, 2023 |
| 11 | Breast Cancer Day | Engagement | Oct. 30, 2024 |
| 12 | Martyr's Day | Engagement | Dec. 14, 2023 |
| 13 | Afforestation Day | Engagement | Dec. 05, 2023 |
| 14 | Sports Day | Engagement | Jan. 05, 2023 |
| 15 | Beach Clean-up Day | Engagement | March 02, 2023 |
| 16 | Blood donation drive | Engagement | March 05, 2023 |
| 17 | Iftar Saem in Ramadan | Engagement | Apr. 21, 2023 |
| 18 | Orphan Day | Engagement | May 04, 2023 |
| 19 | Collected and distributed the clothing, toiletries, school supplies, and other essential items to individuals and families facing financial hardships. | Engagement | May 03, 2023 |
| 20 | No Tobacco Day | Engagement | May 10, 2023 |
| 21 | Parental Care, Prevention, Protection, Sustainable Development, and Humanity Relief of Royal Humanitarian Foundation | Lecture | Dec. 06, 2022 |
| 22 | EU-Bahrain Conference Freedom of Religion and Belief (FoRB) | Conference | June 06, 2023 |
| 23 | The Impact of Green Human Resource Practice on Environmental Sustainability: Mediating Role of Employee Engagement | Awareness Workshop | Feb. 12, 2023 |
| 24 | Digital Sustainability and Entrepreneurship | Awareness | Feb. 14, 2023 |
| 25 | The social and ethical responsibility of green entrepreneurship in the digital age. | Awareness | Feb. 20, 2023 |
| 26 | Do Leadership, Organizational Communication, and Work Environment Impact Employees' Psychosocial Hazards in the Oil and Gas Industry? | Lecture | Feb. 20, 2023 |
| 27 | Discuss the issues related to women's health, mental well-being, and access to healthcare services in Bahrain | Debate & Awareness | Feb. 14, 2023 |
| 28 | Discuss the importance of education for women in Bahrain, including access to quality education, skills development, and lifelong learning opportunities. | Debate & Awareness | Feb. 14, 2023 |
| 29 | Sustainable plastic recycling awareness program for the community | Awareness | Nov. 08, 2022 |
| 30 | Sustainable water recycling awareness program for the community | Awareness | Nov. 08, 2022 |
| 31 | Sustainable waste management awareness program for the community | Awareness | Nov. 13, 2022 |
| 32 | Introduction of Cardboard as part of recycling program at GU. | Event | Nov. 03, 2022 |

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| 33 | Program for Reducing and resusing University Waste at GU | Event | Nov. 16, 2022 |
| 34 | Electronic waste (e-waste) and ink cartridges from printers | Event | Nov. 01, 2022 |
| 35 | "Water Conservation" Public awareness campaign thru Create a social media | Campaign | Jan. 19, 2023 |
| 36 | Water conservation pledge | Event | Jan. 18, 2023 |
| 37 | Segregation of Waste: Demonstration on how to separate waste into categories like recyclables, organics, and non-recyclables. | Workshop | Jan. 15, 2023 |
| 38 | Reduce, Reuse, Recycle: Explain the concept of the 3Rs and how individuals can apply them in their daily lives. | Workshop | Jan. 19, 2023 |
| 39 | Overview of waste types (e.g., organic, recyclable, hazardous) | Workshop | Jan. 26, 2023 |
| 40 | Recycled containers to be redesigned into Sustainable Engineering Hub | Lecture | July 04, 2023 |
| 41 | Deforestation in Your Community: Assess the extent of deforestation in your local area and its impact on the surrounding environment. | Lecture | Feb. 16, 2023 |
| 42 | Reducing Greenhouse Gas Emissions | Lecture | Jan. 22, 2023 |
| 43 | Household Energy Consumption: Analyze typical energy consumption patterns in homes and identify areas for improvement. | Workshop | Oct. 03, 2022 |
| 44 | Explore different types of energy sources, including renewable and non-renewable options. | Workshop | Oct. 11, 2022 |
| 45 | Community Solar Projects: Discuss the potential of community-based solar projects. | Awareness Workshop | Oct. 04, 2022 |
| 46 | Explore the concept of energy audits and their benefits for communities. | Lecture | Oct. 19, 2022 |
| 47 | Explore the benefits and challenges of wind energy | Lecture | Feb. 09, 2023 |
| 48 | Discuss the potential of solar energy and its applications | Workshop | Feb. 12, 2023 |
| 49 | Other Renewable Sources: Discuss other renewable energy sources, such as hydropower, geothermal, and biomass. | Workshop | Nov. 13, 2022 |
| 50 | Discuss the concept of energy efficiency and its benefits | Workshop | Nov. 14, 2022 |
| 51 | Importance of energy efficiency in reducing utility bills and environmental impact | Awareness Workshop | March 14, 2023 |
| 52 | Strategies for optimizing heating and cooling systems for energy savings. | Workshop | March 07, 2023 |
| 53 | Community Energy Initiatives: Opportunities for community members to collaborate on energy-saving efforts. | Workshop | March 21, 2023 |

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| 54 | Community Energy Initiatives: Information on community solar projects, energy cooperatives, and bulk purchasing programs. | Workshop | Oct. 20, 2022 |
| 55 | Behavioral Changes for Energy Savings: Encouraging habits like turning off lights when not in use and unplugging electronics. | Workshop | Dec. 15, 2022 |
| 56 | Understanding Energy Consumption: Introduction to different sources of energy (e.g., fossil fuels, renewable energy). | Awareness Workshop | Nov. 20, 2022 |
| 57 | Understanding Energy Consumption: Explanation of energy units and how energy consumption is measured. | Awareness Workshop | Nov. 21, 2022 |
| 58 | Visit elderly or disabled shelter to provide assistance and companionship. | Visit | Nov. 19, 2022 |
| 59 | Promote recycling and waste reduction in Riffa region with Car workshop owners and workers | Event | Nov. 15-17, 2022 |
| 60 | Discussion on how climate change is affecting ecosystems, weather patterns, and communities worldwide. | Workshop | June 15, 2023 |
| 61 | Explanation of the role of greenhouse gases and feedback mechanisms in driving climate change. | Workshop | June 06, 2023 |
| 62 | Strategies for adapting to climate change impacts and building community resilience. | Workshop | June 13, 2023 |
| 63 | Discussion on climate adaptation measures in various sectors, such as infrastructure, agriculture, and urban planning. | Workshop | May 21, 2023 |
| 64 | Opportunities for community members to engage in climate advocacy and support climate-friendly policies. | Workshop | July 18, 2023 |
| 65 | Discussion on the role of nature-based solutions like reforestation, wetland restoration, and sustainable land management in climate mitigation. | Workshop | Dec. 18, 2022 |
| 66 | Importance of incorporating equity considerations in climate action and policy-making. | Workshop | May 22, 2023 |
| 67 | Understanding key terms such as global warming, climate variability, and climate resilience. | Workshop | May 18, 2023 |
| 68 | Introduction to mitigation measures to reduce greenhouse gas emissions. | Lecture | May 16, 2023 |
| 69 | Guidance on calculating personal carbon emissions and setting reduction goals. | Workshop | May 22, 2023 |
| 70 | Exploring the Interconnected Impacts of Climate Change: From Ecosystems to Communities Worldwide | Lecture | July 20, 2023 |
| 71 | Empowering Sustainable Habits: Cultivating Energy-Conscious Behaviors in Daily Life | Workshop | July 26, 2023 |

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| 72 | Unlocking Energy Efficiency at Home: Assessing Energy Consumption Patterns and Uncovering Opportunities for Savings | Workshop | Apr. 14, 2023 |
| 73 | Harnessing Nature's Power: Exploring How Reforestation, Wetland Restoration, and Sustainable Land Practices Drive Climate Action | Lecture | Apr. 18, 2023 |
| 74 | Illuminating Climate Dynamics: Unveiling the Influence of Greenhouse Gases and Feedback Mechanisms on Global Climate Shifts | Lecture | Apr. 13, 2023 |
| 75 | Explanation of how energy conservation contributes to sustainability and cost savings. | Workshop | Apr. 07, 2023 |
| 76 | Preserving Our Most Vital Resource: Strategies and Practices for WATER Conservation | Lecture | Dec. 20, 2022 |
| 77 | Preserving our most vital resource: Strategies and Practices for ENERGY Conservation | Lecture | Dec. 20, 2022 |
| 78 | Discuss how greenhouse gas emissions contribute to climate change, affecting vulnerable communities disproportionately and exacerbating social inequalities. | Lecture | Dec. 22, 2022 |

Events Related to Sustainability

Description:

Example of events related to environment and sustainability hosted or organized by the University in the academic years from 2021 to 2023.

Total number of sustainability/environment related events in:

| Years | Events |
|----------------|------------|
| 2021 | 65 |
| 2022 | 71 |
| 2023 | 89 |
| Total | 225 |
| <i>Average</i> | <i>75</i> |

Total events of sustainability at Gulf university in three consecutive years were: **225**

Average = $225/3 = 75$ events per year

A total average per annum over the last 3 years of **75 events** (e.g. conferences, workshops, awareness raising, practical training, etc.).

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Additional evidence link:

- <https://www.gulfuniversity.edu.bh/centers/community-engagement-and-continuing-education-center/community-services/>
- <https://www.gulfuniversity.edu.bh/centers/community-engagement-and-continuing-education-center/community-services/community-services/ay-2023-2024/>
- <https://www.gulfuniversity.edu.bh/event/mental-health-and-stress-management/>
- <https://www.gulfuniversity.edu.bh/centers/community-engagement-and-continuing-education-center/community-services/social-engagement/academic-year-2023-2024/>
- <https://www.gulfuniversity.edu.bh/centers/community-engagement-and-continuing-education-center/community-services/community-workshops/upcoming-workshops/>
- <https://www.gulfuniversity.edu.bh/centers/community-engagement-and-continuing-education-center/community-services/donations-of-equipment/academic-year-2023-2024/>