



MUTAH UNIVERSITY

P.O.Box 7 Karak, Mu'tah, Jordan, 61710

Report for Sustainability Literacy Assessment

Academic year: 2023-2024

Survey form: <https://forms.gle/epmQJDK14UKxANmdA>

This report presents an analysis of the results from the Sustainability Literacy Assessment conducted at Mutah University. The purpose of the assessment is to evaluate students, faculty, and staff's understanding of key sustainability concepts, their attitudes towards sustainable practices, and their engagement in sustainability initiatives on campus. The findings will help guide future sustainability policies and educational programs at the university.

Methodology

The assessment was conducted through a structured survey that included multiple-choice questions, Likert scale responses, and open-ended inquiries. The survey covered three main areas:

- General Knowledge of Sustainability (e.g., climate change, circular economy, sustainable development goals)
- Personal Behaviors and Practices (e.g., waste reduction, energy conservation, carbon footprint awareness)
- University's Role in Sustainability (e.g., institutional policies, integration of sustainability in curricula, participation in sustainability initiatives)

The survey was distributed to a diverse sample of university stakeholders, including students, faculty, and administrative staff. Responses were analyzed quantitatively and qualitatively to identify key trends and areas for improvement.

Key Findings

1. General Knowledge of Sustainability

- 75% of respondents correctly identified the three pillars of sustainability: economic growth, environmental conservation, and social equity.
- 68% recognized that deforestation contributes to climate change through carbon release and biodiversity loss.
- 52% had a clear understanding of the circular economy concept, while 30% were unsure.
- 80% correctly identified public transportation as a key method for reducing carbon emissions.

2. Personal Behaviors and Practices

- 60% of respondents reported actively reducing their carbon footprint by minimizing energy and water consumption.
- Only 35% regularly participated in sustainability initiatives such as tree-planting campaigns or waste recycling programs.
- 45% stated that they consciously apply waste reduction strategies, but 20% admitted that they rarely consider sustainability in their daily routines.

- 70% of students and faculty agreed that reducing waste is crucial for the planet's future.

3. University's Role in Sustainability

- 55% of respondents felt that Mutah University's policies support social equity and inclusion.
- 40% of faculty members reported incorporating sustainability topics into their coursework occasionally, while only 20% stated they do so regularly.
- 30% of respondents believed that the university sources more than 50% of its energy from renewable sources, while 40% were unsure.

Key suggestions

For improving sustainability at the university included, we suggest:

- Increasing awareness campaigns and workshops.
- Enhancing waste management and recycling facilities.
- Integrating sustainability topics more comprehensively into academic curricula.

Recommendations

Based on the survey results, the following actions are recommended:

1. Enhancing Sustainability Education

- Incorporate sustainability topics across various disciplines to increase awareness and engagement.

- Organize guest lectures, seminars, and hands-on sustainability projects.

2. Increasing Student and Staff Engagement

- Develop a reward system for participation in sustainability initiatives.
- Encourage student-led sustainability projects and competitions.

3. Improving Institutional Policies and Infrastructure

- Expand recycling stations and introduce composting programs.
- Increase the use of renewable energy sources on campus.
- Implement mandatory sustainability training for all university members.

4. Monitoring and Continuous Improvement

- Conduct annual sustainability literacy assessments to track progress.
- Establish a dedicated sustainability office to oversee initiatives and report on sustainability metrics.

The Sustainability Literacy Assessment provides valuable insights into the strengths and gaps in sustainability awareness and practices at Mutah University. While there is a solid foundational understanding of sustainability, there is a need to increase participation in sustainability initiatives and integrate sustainability topics more deeply into academic curricula.