



الجامعة السعودية الإلكترونية
SAUDI ELECTRONIC UNIVERSITY
2011-1432



Saudi Electronic University Sustainability Literacy Test



Report 2023-2024

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About the Saudi Electronic University (SEU)



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A Saudi-wide, public university with 15 branches and over 32,000 learners enrolled. Established in 2011, offering higher education services using best-in-class eLearning methods and technologies. The university's mission is to lead the utilization of technology and build local knowledge by partnering with renowned global institutions to contribute to the national development of Saudi Arabia.

In many activities the university contributes to achieving the global Sustainable Development Goals (SDGs) in many fields, such as research, teaching, engagement/outreach, and operations, setting the university on a path to a more sustainable future for all.



About the Sustainability Literacy Test (SLT)



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SEU seeks to achieve tangible progress in sustainable development within its 3 dimensions: environmental, economic, and social; by spreading the values and culture of sustainable development among university members. It is essential to mainstream sustainability literacy and ensure that a growing number of university students and professionals have a sufficient understanding of it and the ability to integrate it into their daily practices and decisions.

This report highlights the result of the Sustainability Literacy Test which measured two main areas: sustainability attitude (SA) and sustainability behavior (SB). Targeting a sample of students, faculty, and staff at the university, during the academic year 2023-2024.

Visit this link to learn more about the Global Sustainable Development Goals SDGs and the Kingdom's efforts to achieve them.

<https://www.my.gov.sa/wps/portal/snp/content/SDGPortal>



The Sustainability Literacy Scale



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The sustainability literacy scale (Ozdemir, 2021) was distributed in an email survey to university students and professionals. The scale consists of two dimensions: Sustainable Attitude (SA) and Sustainable Behavior (SB).

Sustainable Attitude (SA)

The dimension of sustainability attitude (SA) consists of a Likert-type scale items (n: 14) addressing the sub-dimensions that are entitled as “concerned/worried”, “social responsibility” and “locus of control”. The items in the SA dimension assess the extent to which participants agree with the statements by using five possible response options (1 = strongly disagree, 2 = disagree, 3 = have no opinion, 4 = agree, 5 = strongly agree).

Sustainable Behavior (SB)

The dimension of sustainability behavior (SB) consists of a Likert-type scale items (n: 16) addressing the sub-dimensions of “consumption pattern”, “household use” and “participation”. The items in the SB dimension assess the extent to which participants agree with the statements by using one of the following response options (1= never, 2 = very seldom, 3 = sometimes, 4 = often, 5 = almost always).





Sustainable Attitude (SA) questions

Concern/worried:

- (1:4) The environmental issues are over-exaggerated.
- (2:4) People have the right to exploit nature's resources according to their needs
- (3:4) I am concerned about the extinction of some living species.
- (4:4) It is not important if some not-useful species become extinct.

Social responsibility:

- (1:3) I am concerned about the unequal use of resources in the World.
- (2:3) I would like to participate in local environmental events voluntarily.
- (3:3) I am willing to make sacrifices for sustainability (such as paying more fees etc.).

Discipline:

- (1:3) I believe I can contribute to the quality of the environment through my behavior.
- (2:3) The individual's intention does not impact environmental issues.
- (3:3) Individual sacrifice/efforts do not affect sustainability.



Sustainability Behavior (SB) questions

Consumption Pattern:

- (1:5) I understand the importance of waste recycling (separating organic waste, plastic, etc.)
- (2:5) I re-use paper as scrap paper for other purposes.
- (3:5) I purchase "environmentally friendly" products such as recyclable packaging.
- (4:5) I choose sustainable food such as local, seasonal, and the ones with fair-trade codes.
- (5:5) I consider label information in my shopping choices.

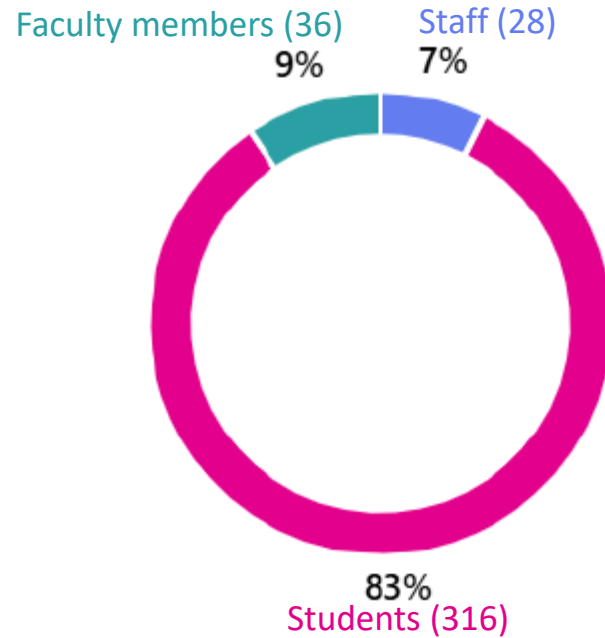
Household Behavior:

- (1:3) I turn off lights and electric appliances when not in use.
- (2:3) I adopt water saving at home (turn it off when brushing teeth, washing dishes, etc.).
- (3:3) I do not use the washing machine until I have a full load of dirty laundry.

Participation:

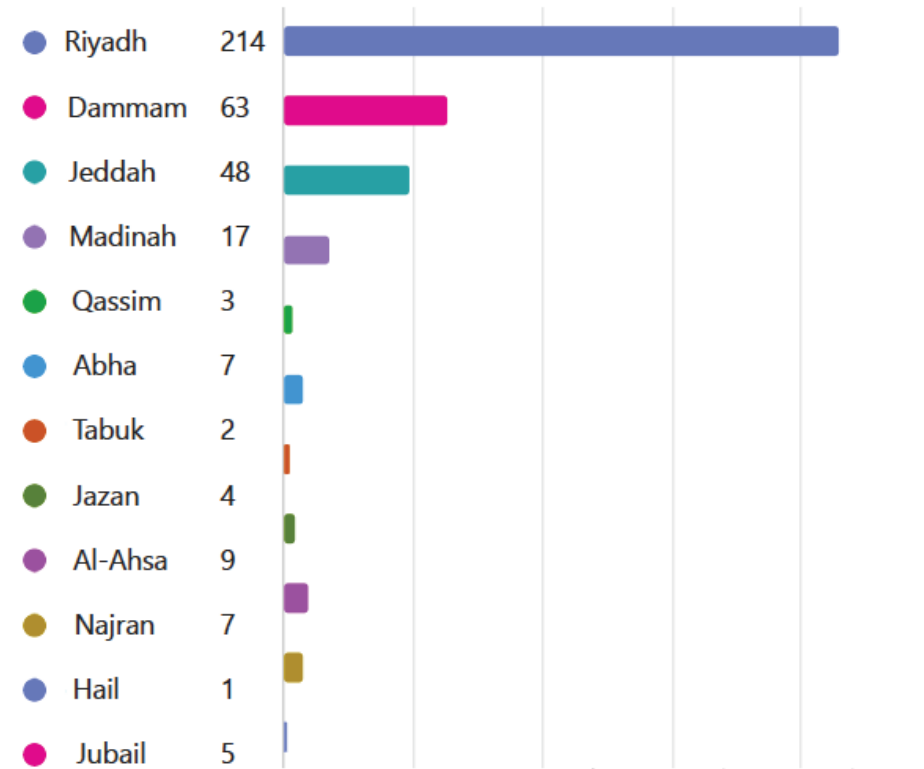
- (1:6) I donate used items to charity for reuse.
- (2:6) I volunteer to contribute to local environmental events in the city or the university or am interested in attending training/workshops about the environment.
- (3:6) I read articles and watch TV programs about environmental issues.
- (4:6) I participate in climate-awareness campaigns such as global warming.
- (5:6) I share my view against people damaging the environment via the available platforms/channels.
- (6:6) I confront people who litter in public spaces or damage the environment in any manner.

Participants

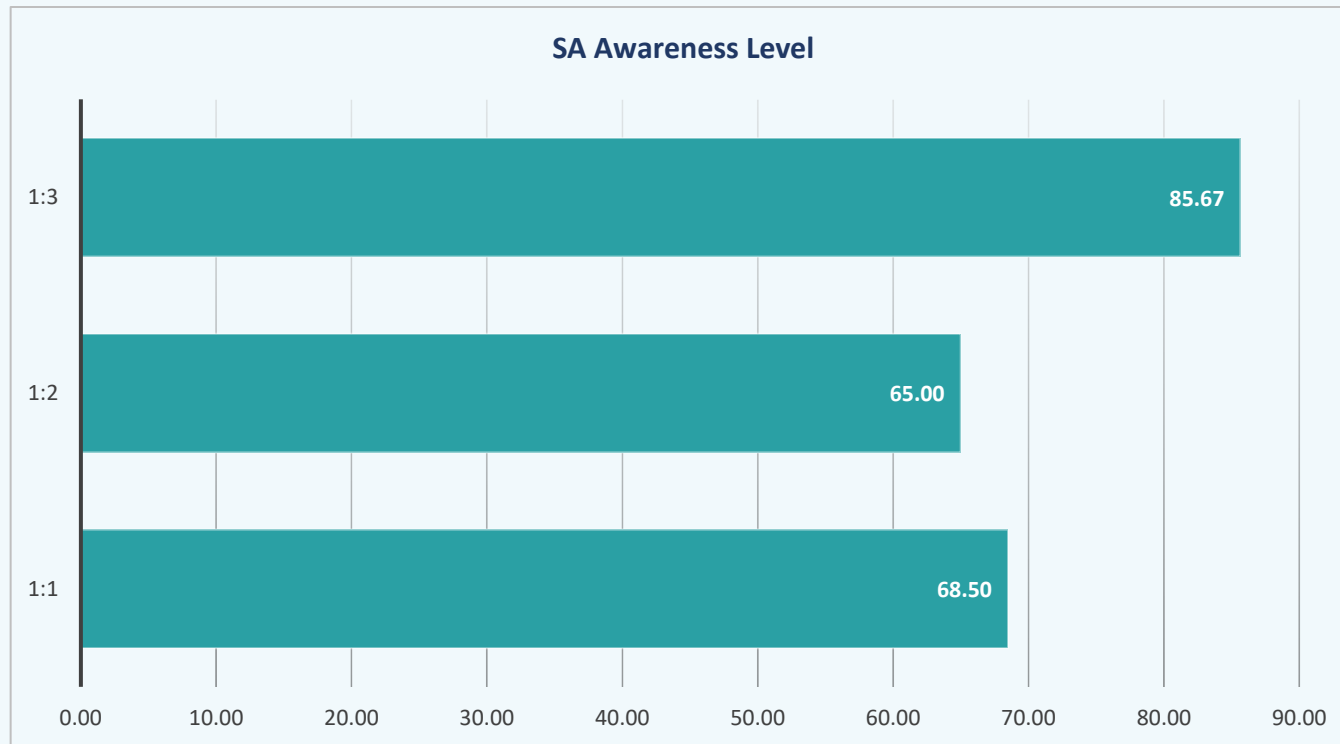


* Numbers represent persons at all 15 SEU branches including Male & Female

SEU Branches



1. Sustainable Attitude (SA) Results



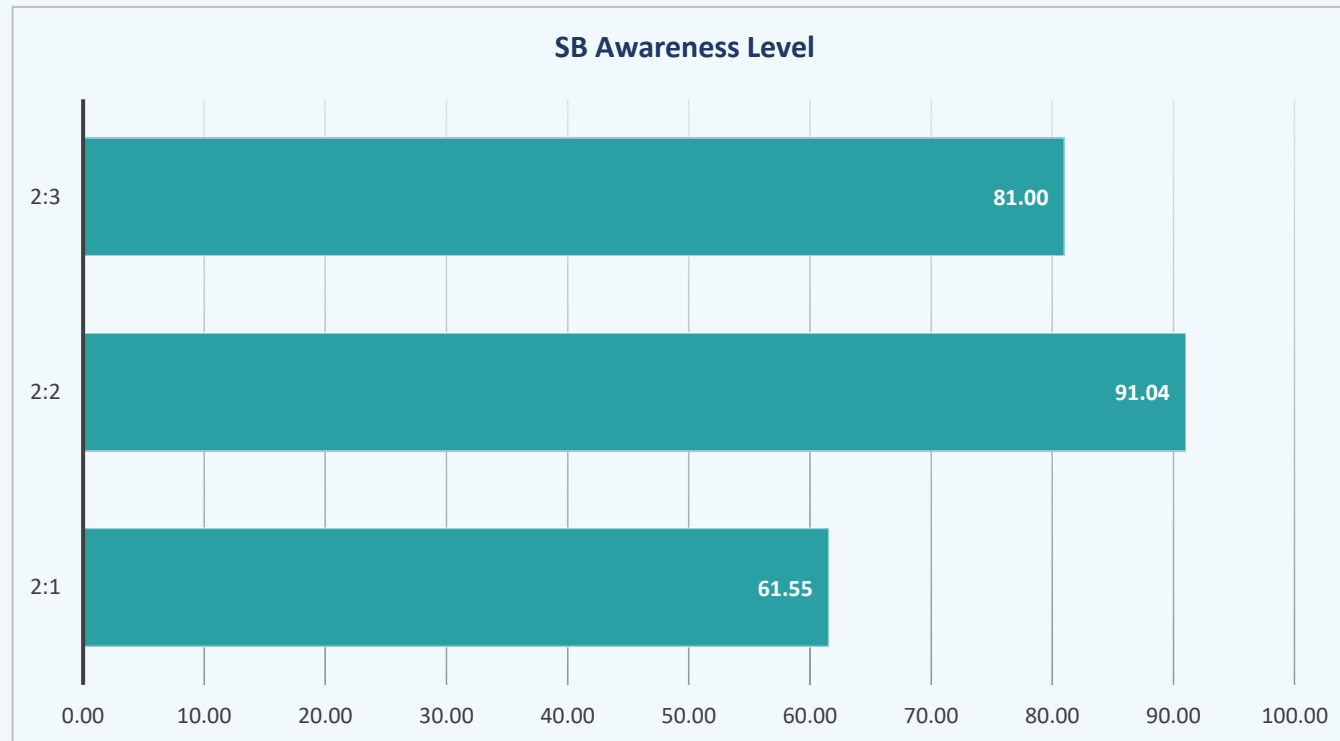
- 1:1 Concern/worried
- 1:2 Social responsibility
- 1:3 Discipline



2. Sustainable Behavior (SB) Results



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- 2:1 Consumption Pattern
- 2:2 Household Behavior
- 2:3 Participation





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