

The Significance of Environmental Awareness for Protecting Nature and Cherishing the Earth

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Abstract. Environmental awareness is a critical component of environmental protection. The purpose of this study is to assess students' knowledge of the environment and its influence on pro-environmental behaviour. A survey research design was employed in this study. The survey was carried out by delivering questionnaires to UMRAH students. A linear regression analysis was performed to assess the association between environmental awareness and the ability to maintain nature and the earth. According to the data collected, 67% of respondents strongly agreed and 30% agreed in the first aspect. Furthermore, 68% of respondents strongly agreed, whereas 32% agreed in the second aspect. The third aspect received 66.6% of respondents who replied highly agree and 32.2% who answered agreed, while the fourth aspect received 71.4% of respondents who said strongly agree and 28.2% who answered agreed. As a result, it can be stated that respondents believe it is critical to be environmentally conscious to protecting nature and the earth. This study demonstrates the importance of environmental awareness in protecting nature and respecting the earth's ecology.

1 Introduction

The comprehension and knowledge of the value of preserving the sustainability of the environment and ecosystems surrounding oneself by people or community groups is known as environmental awareness. Understanding the detrimental effects that human activity has on the environment and making steps to lessen or prevent these effects are components of environmental awareness. The numerous environmental issues that people confront in the modern era—such as habitat destruction, air and water pollution, climate change, and biodiversity loss—have made environmental awareness more and more crucial. The existence of the earth, animal and plant life, and human health may all be adversely impacted by these issues. Understanding the degree to which environmental consciousness has been ingrained in society and the ways in which it may impact both personal behaviour and environmental-related governmental policy is crucial.

An action or state of mind aimed at understanding the importance of a clean and healthy environment, among other things, is called environmental consciousness. Environmental awareness can be seen through a person's behaviour and actions in situations where he or

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she feels free of pressure [1]. Currently, there are many environmental problems that still cannot be resolved, even though the environment is very influential in all aspects of life and its impact is very significant for human life [2]. Environmentally friendly behaviour is described as ordinary actions that pay special attention to the environment. These behaviors can have a regular or irregular connection to the preservation of the environment or natural resources. Examples include the upkeep of particular resources (such as water, air, and land), cutting back on the use of energy sources (such as electricity, gas, and oil), recycling (such as paper and plastics), and protecting life (plants and animals) [3].

According to prior study, the degree of awareness of students on campus is still relatively low or below the level of expectations [4]. provides study findings demonstrating a substantial association between pro-environment and place attachment in pupils. The stronger the place attachment bond, the more likely pupils are to engage in pro-environmental activities [5]. Meanwhile, stated that UNDIP policies as a whole have not been able to deliver good advantages for the environment, economy, or society, and so the UNDIP campus cannot be considered a sustainable campus [6]. similarly observed that environmental knowledge has a favourable and substantial association with the attitude toward environmental preservation [7]. Environmental care is an attitude that is demonstrated in daily life in order to conserve, restore, and avoid environmental harm and contamination. Pollution of the environment. These attitudes can be observed by behavioural or conative reactions (actions and utterances regarding conduct) [8]. The environment, according to the General Encyclopaedia, is the natural surrounds including its people in living connections that impact humans as members of society in his life and culture [9].

The discovery of the intricate connection between psychological and social elements in generating environmental awareness may be what distinguishes this study on the relevance of environmental awareness from others. Environmental awareness may be impacted not just by an individual's knowledge and comprehension of environmental concerns, but also by variables such as societal values, group influence, and intrinsic drive, according to this study. Furthermore, the study might emphasize the need of taking a holistic approach to understanding environmental awareness, which includes comprehending the intricate interplay between human, societal, and environmental elements. Finally, the study can provide an in-depth understanding of students' environmental awareness, the elements that influence it, and the consequences of this level of awareness.

2 Method

This study aims to evaluate the students' understanding of the environmental awareness and how it affects pro-environmental behavior. A quantitative research method was chosen because it allows for the collection of objective and quantitatively measurable data. A survey research design was employed in this study [10]. Surveys are an effective method of gathering data from a big population in a short amount of time [11]. This survey was carried out by delivering questionnaires to 46 UMRAH students. To cover typical variances from the population, samples were drawn from various semester groups, academic programs, and student identification numbers. A questionnaire was utilized to collect information needed. The questionnaire, which had 25 statements, was constructed with reference to related literature and prior studies on environmental awareness. It was classified into 4 aspects, i.e., environmental impact on health, impact on environment, self-awareness, and action to protecting the environment. The questionnaire is designed to determine respondents' levels of environmental awareness in order to conserve nature and the world [12].

The collected data was examined statistically. The sample characteristics and level of environmental awareness was described using descriptive statistics. The mean and standard deviation (SD) are two examples of descriptive statistics, which are brief summaries of the key features of the data used in a study [13]. In addition, a linear regression analysis was conducted to evaluate the correlation between environmental awareness and the capacity to maintain the natural world.

3 Finding and Discussion

A total of 46 students were asked to respond to a questionnaire about environmental awareness to protect nature and the earth. As indicated in Table 1, the data description offered is the overall score of each dimension, which comprises highly agree, agree, disagree, and strongly disagree.

Table 1. Percentage results from respondents.

Dimension	Responses			
	SA	A	D	SD
Environmental impact on health	67%	30%	2%	0%
Impact on environment	68%	32%	1%	0%
Self-awareness	66.6%	32.2%	0.3%	0%
Action to protecting the environment	71.4%	28.2%	2.1%	0%

Table 1 reveals that respondents strongly agreed on 67% of the dimensions of environmental influences on health and agreed on 30%. There were just 2% who disagreed, and there were no replies that strongly disagreed. The influence on the environment of respondents who strongly agreed as much as 68%, and respondents who strongly agreed as much as 32%, was just 2%, and there were no respondents who strongly disagreed. The third feature is self-awareness, to which 66.67% of respondents highly agreed, 32.25% agreed, 0.36% disagreed, and there were no respondents who strongly disagreed. In terms of the last feature of action in environmental protection, 71.42% of respondents strongly agreed, 28.26% agreed, just 2.17% disagreed, and there were no respondents who strongly disagreed. Figure 1 depicts the recapitulation of frequency distribution data received from student replies based on the total score of alternative responses.

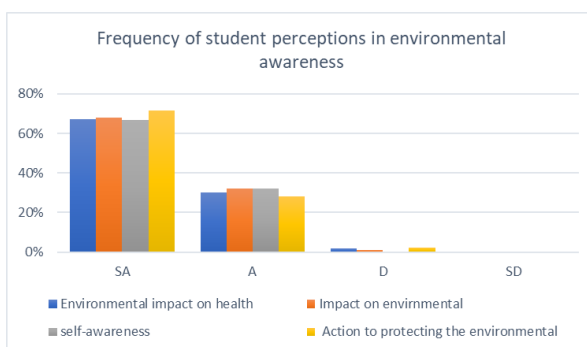


Fig. 1. Percentages of students' environmental awareness

The first section examines students' impressions of the environment's influence on health, which is the most essential aspect of life. According to the results, 67% of students agreed, 30% agreed, and only 2% of students disagreed. This research reveals that the environment has a significant influence on health. Despite the fact that many people are aware of the importance of health and constantly discard waste in its place because they know it would have a negative influence, it does not appear to care. If you simply think this waste I throw away myself and I will throw it in its place, it will be meaningless, because what is the reason that individuals who think so infrequently can be termed environmentally conscious [14]. There is a sickness that is frequently encountered because of poorly managed and cared for rubbish, thus a person is readily afflicted by diarrheal, dysentery, worms, malaria, elephantiasis, and dengue fever. It is critical to comprehend that the sickness is a threat to us and can lead to death.

The second section discusses the environmental effect of feedback reactions to environmental issues. According to the results, the number of respondents who highly agree amounted to 68%, respondents who agreed amounted to 32%, respondents who disagree amounted to 1%, and respondents who strongly disagree 0%. This data demonstrates the importance of environmental awareness in protecting nature and respecting the earth's ecology. Environmental awareness is critical for protecting nature and preventing harmful environmental consequences. Some of the negative effects of a lack of environmental knowledge on conserving nature include pollution and harm to the health environment. Environmental consciousness must be raised. Environmental education attempts to develop ecologically responsible behaviour in individuals and communities.

In the third section, the following provides an indication of the level of public awareness in protecting the environment based on the number of respondents as many as 46 people, with those who strongly agree with the amount of 66.67%, those who agree with the amount of 32.25%, and those who disagree with the amount of 0.36%. These figures show that there is still an exceptionally low degree of public awareness regarding the state of the environment. Because so many individuals don't understand the need of environmental conservation, they throw trash in the wrong place, causing household garbage to poison the ecosystem. The community's domestic garbage is the main source of environmental pollution. Household garbage is the source of the majority of environmental contamination in the community [14]. Everyone wishes for a beautiful, clean, and healthy environment, but achieving it takes environmental knowledge and dedication [15]. As a result, this study gives an overview of the degree of public knowledge in metropolitan regions about environmental protection.

In terms of environmental protection, 71.42% of participants said they strongly agreed, 28.26% said they agreed, and 2.17% said they disagreed. According to these findings, fostering the character of environmental stewardship in oneself has a noteworthy effect on environmental preservation. Although, in the performance of these acts, there are percentages that respond to the contrary in terms of environmental care. However, making nature cleaner and offering comfort wherever we go, and a decent environment will generate healthy air, is extremely essential in our everyday life in terms of preserving the environment natural and clean. Because people are always However, keeping nature natural and clean as people requires making nature cleaner and offering comfort wherever we are. A decent environment will provide healthy air. Because individuals are always in intimate contact with the environment while doing their jobs. We will feel more at ease undertaking any task if the atmosphere is clean and well-maintained. Keeping the environment clean will so protect us from negative things [16].

4 Conclusion

In conclusion, the study emphasizes the important effect of the environment on health, which the majority of students strongly agree with the statement. In the second and third aspects, the necessity of environmental awareness and education is underlined, with a lack of understanding leading to negative outcomes such as pollution and environmental destruction. The study reveals that cultivating an environmental responsibility character in oneself has a substantial influence on environmental protection and the building of a clean and healthy environment. It also addresses the low public awareness of the surrounding environment and the need for environmental protection. Overall, it underscores the importance of environmental awareness and knowledge in preserving nature and creating a clean and healthy environment.

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