

Review of: "Impact of Environmental Education on the Knowledge and Attitude of University of Benin Students towards Waste Segregation"

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Potential competing interests: No potential competing interests to declare.

The study confirms the importance of environmental education in promoting environmental knowledge and environmental attitudes among students. However, to meet scientific standards, changes are necessary.

In Abstract it is written: "simple random sampling technique was used", however in the Methodology section it is written: "The purposive sampling technique was adopted for the study". Please explain.

"Municipal waste is becoming a worsening issue, and the global annual municipal waste generation is expected to rise from the current 2.01 billion to 3.40 billion tons by 2050". Please, cite the source.

"Well-organised waste management is an essential part of sustainable development" doesn't informed more than "Effective and efficient waste management is an essential part of sustainable development (Morrissey & Browne, 2004)".

This sentence "On a societal level, education about environmental waste matters is vital to help achieve a more sustainable lifestyle in the long run" is written twice.

"In the present context, efforts towards fostering waste segregation knowledge can be described as the component that is likely to encourage people to segregate their wastes and thus foster their waste segregation attitudes.", "Hence, the knowledge gained from environmental education should be a major influence on attitudes and behaviour towards environmental problems such as waste management and the relevance of segregation in the entire process.", "Consequently, it is expected that adequate knowledge on waste segregation should be a determinant of attitudes and practices, especially among students." Same ideas behind sentences.

"The findings indicate that 73.4% of the students indicated knowledge to be satisfactory, 71.4% attitude on strategic waste management issues; while around 43.1% depicted satisfactory levels in practice. The relationship depicted a significant interaction between knowledge and attitude and an $r^2 = 0.11$; p ." those are not clear sentences, reformulate them. Moreover, the finding "...that 73.4% of the students indicated their knowledge to be satisfactory towards waste management" is repeated in the Discussion of Findings section.

Used abbreviation must be explained "(EE)".

"2004). Karim; Rusli; Diak; & Idris, 2013) and" spelling mistakes.

“Two course areas were selected: environment-related and non-environment-related areas. Thus, the population of year three and four students in the 2018/2019 academic session was 219 for Environmental Education and 108 for Human Kinetics (non-environmental education). A sample size of 200 respondents constituted the study sample. Two course areas (Environmental Education and Human Kinetics) were purposely selected for the study. From these course areas, 100 respondents each were selected from the class list of year three and four.” There is repetition of thoughts, ideas and facts.

Methodology section is weak. Please give more information about the questionnaire you have used (write the question you have ask participants). Explain why you chose particular scale, items, test for measuring knowledge and attitudes?

In the Results section: “The performance score for the experimental group in terms of attitude towards waste segregation is 21.00, while that of the control group is 17.30”, please explain how you calculate it? How you coded the measurement scale? Why you haven’t used Likert scale? Why you dropped out neutral response?