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Academic

“CLEANER PRODUCTION FOR ACHIEVING SUSTAINABLE DEVELOPMENT GOALS”

Student Sustainability Assessment: Ecological Footprint, Happiness and Academic Performance

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Abstract

Universities can be great drivers of sustainable development. A university can influence students' decisions through knowledge. These students can represent governments, companies and institutions, making important decisions for social progress. In this way, evaluating students' sustainability is important for the decision-making of university efforts, aiming at students with more sustainable lifestyles. This paper evaluates the sustainability of two hundred and ninety - nine students of an educational institution. The evaluation model is the Input-State-Output, chosen as a model of indicators the ecological footprint, happiness and the average score of students in the course. Specific questionnaires were prepared for data collection. A graphical cube was used to represent students' sustainability, presenting in this study the best scenario among the eight existing ones. Students were classified as "dematerialized" using resources below the capacity offered by the biosphere, have acceptable happiness index and good grades. The cube facilitates the understanding of the result of this evaluation, seeking a better direction of the services provided.

Keywords: Sustainability. Ecological footprint. Happiness. Academic performance.

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