

Review Form2

Book Name:	Science and Technology - Recent Updates and Future Prospects
Manuscript Number:	Ms_BPR_2061
Title of the Manuscript:	Behavioral approaches for Sustainable Mobility patterns in Physically Active University Students
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	This manuscript is significant for the scientific community as it addresses the critical intersection of sustainable mobility and public health by focusing on university students, a group with potential for long-term behavior change. By exploring the physical activity levels and mobility practices of physically active students, it offers valuable insights into how active transportation can be promoted within this demographic. The research emphasizes the importance of behavioral theories in understanding travel behavior and highlights gender differences, providing a nuanced perspective that can inform targeted interventions. The recommendations for improving active transportation infrastructure, such as expanding bike-sharing systems and introducing new bus lines, are practical and actionable. Additionally, the manuscript's focus on the university setting underscores the role of educational institutions in fostering sustainable and healthy lifestyle habits, potentially leading to lifelong benefits for the student community.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is suitable. Two other alternative title are suggested. The author may use it to make the manuscript title more catchy. 1.Sustainable Mobility and Physical Activity: Behavioral Patterns Among University Students 2. Active Paths to Sustainability: Unlocking Mobility in University Students	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is quite comprehensive, but a few adjustments can improve clarity and completeness. 1. Clarify the Aim: The aim should be more explicit about the research's focus on sustainable mobility and its relationship to physical activity among university students. 2. Methodology:Mention specific aspects of the questionnaire related to the 'Theory of Planned Behavior' and 'physical activity measurement' in the methodology section.	
Are subsections and structure of the manuscript appropriate?	Under statistical analysis section show the Cronbach Alpha value for each dimenstion of questionnaire separately. Besides that clearly mention how the questionnaire validity is checked. It will improve thequality of the manuscript.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.	This manuscript is scientifically robust and technically sound due to its comprehensive use of the Theory of Planned Behavior and the Godin–Shephard approach to measure physical activity, both of which are well-established and validated frameworks in behavioral research. The cross-sectional study design is appropriate for examining the current behaviors and attitudes of a specific population, providing valuable snapshot data on the interplay between physical activity and sustainable mobility. The sample size of 259 students from various academic years ensures a diverse representation within the Physical Education and Sport Science Department, enhancing the generalizability of the findings. The methodology is clearly outlined, with specific details on data collection and the use of questionnaire tailored to the research objectives, ensuring precise measurement of relevant variables. The study also considers socio-economic factors such as income, adding depth to the analysis of gender differences in mobility practices. The manuscript's methodological rigor and detailed analysis contribute to its scientific validity and reliability.	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	The references in the manuscript are extensive and cover a wide range of relevant topics. The references address various aspects of sustainable mobility, physical activity, gender differences, and behavioral theories. While many references are recent, a few are older (e.g., from the early 2005). It is important to include more recent studies to reflect the latest research developments. If some references are highly cited then old reference can be used. Additional Reference 1. Buehler, R., Pucher, J., & Bauman, A. (2020). "Physical Activity From Walking and Cycling for Daily Travel in the United States, 2001–2017: Demographic, Socioeconomic, and Geographic Variation." <i>Journal of Physical Activity and Health</i>, 17(3), 271-280. https://doi.org/10.1123/jpah.2019-0370	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language quality in the article is good. However, there is scope of improvement. It is observed that in general some sentences are lengthy and complex, which can make them harder to follow. Breaking these into shorter sentences could improve readability. Therefore, it is suggested to make the sentences short, clear and understandable.Minor grammatical adjustments can help improve the flow of the text. For instance, rephrasing "alleged to be physically active" to "known for being physically active" would sound more confident and precise.	
Optional/Generalcomments	1. In the introduction section too many references are being used. It is suggested first to introduce the concept in plain language and then substantiate it with reference. It will improve the flow of the paper. 2. Methodology section could include brief overview of ‘Ajzen’s theory of planned behavior’. Specifying what "Ajzen’s theory of planned behavior" mean, could be useful for readers unfamiliar with the theory.	

PART 2:

	Reviewer’s comment	Author’s comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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