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EXTENDED
ABSTRACT

The Responsibilities of Users in Outdoor Recreation Activity Between Students in UiTM Seremban 3

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I. INTRODUCTION

University students are increasingly engaging in outdoor recreation, yet varying levels of user responsibility can impact safety and environmental sustainability. This study explores the key factors shaping responsible outdoor behavior among UiTM Seremban 3 students and examines how these responsibilities differ between genders, aiming to inform future programming and behavioural interventions.

II. METHODS

A structured questionnaire with close-ended and Likert-scale items was distributed to 332 UiTM Seremban 3 students (166 males, 166 females) using convenience sampling. Descriptive statistics (mean and standard deviation) identified key responsibility factors, while independent t-tests analyzed gender-based differences in outdoor recreation responsibilities. No experimental procedures were involved.

III. RESULTS AND DISCUSSION

A. The Main Factors of Responsibilities of Users in Outdoor Recreation Activity Between Student in UiTM Seremban 3

Motivation and Focus were the highest-rated responsibility factors ($M = 4.02$), while Control was the lowest ($M = 3.96$). All psychological responsibility attributes scored highly, with standard deviations around 1.0, suggesting moderate variability. Students generally demonstrated strong personal responsibility, though perceived control appears slightly weaker, indicating a potential area for targeted support.

TABLE I
DESCRIPTIVE FACTORS OF RESPONSIBILITIES OF USERS IN OUTDOOR RECREATION ACTIVITY BETWEEN STUDENTS IN UiTM SEREMBAN 3

	Mean	Standard Deviation
Self Confidence	4.01	1.016
Motivation	4.02	1.007
Coping Skills	4.00	1.020
Challenge	3.99	1.009
Focus	4.02	1.016
Control	3.96	0.954
Commitment	4.00	1.009

*Significantly different from Pre-NC ($p < 0.05$).

B. The Differences of Responsibilities of Users in Outdoor Recreation Activity Between Student in UiTM Seremban 3 in Term of Gender

Male students scored slightly higher ($M = 4.07$) than females ($M = 3.94$) in responsibility, but the difference was not statistically significant ($p = 0.214$). The small mean difference (0.136) suggests that gender does not meaningfully influence responsibility in outdoor recreation. Both groups exhibit similarly high responsibility levels, supporting the idea of shared values across genders.

TABLE II
INDEPENDENT SAMPLE T-TEST

	Students t	df	p	Mean difference	SE difference
Total Mean	12.5	330	0.214	0.136	0.109

TABLE III
GROUP DESCRIPTIVE

	Group	N	Mean	Median	SD	SE
Total	1	166	4.07	4.45	0.955	0.0742
Mean	2	166	3.94	4.37	1.03	0.0799

IV. CONCLUSIONS

Students at UiTM Seremban 3 demonstrate generally high responsibility in outdoor recreation, particularly in motivation and focus. Gender differences were minimal and statistically insignificant. These findings support the promotion of inclusive, responsibility-focused programming without needing gender-specific interventions.

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