



Enhancing Environmental Awareness Through Ecopedagogy and Local Wisdom: A Study of Geography Education Students in Kampung Naga



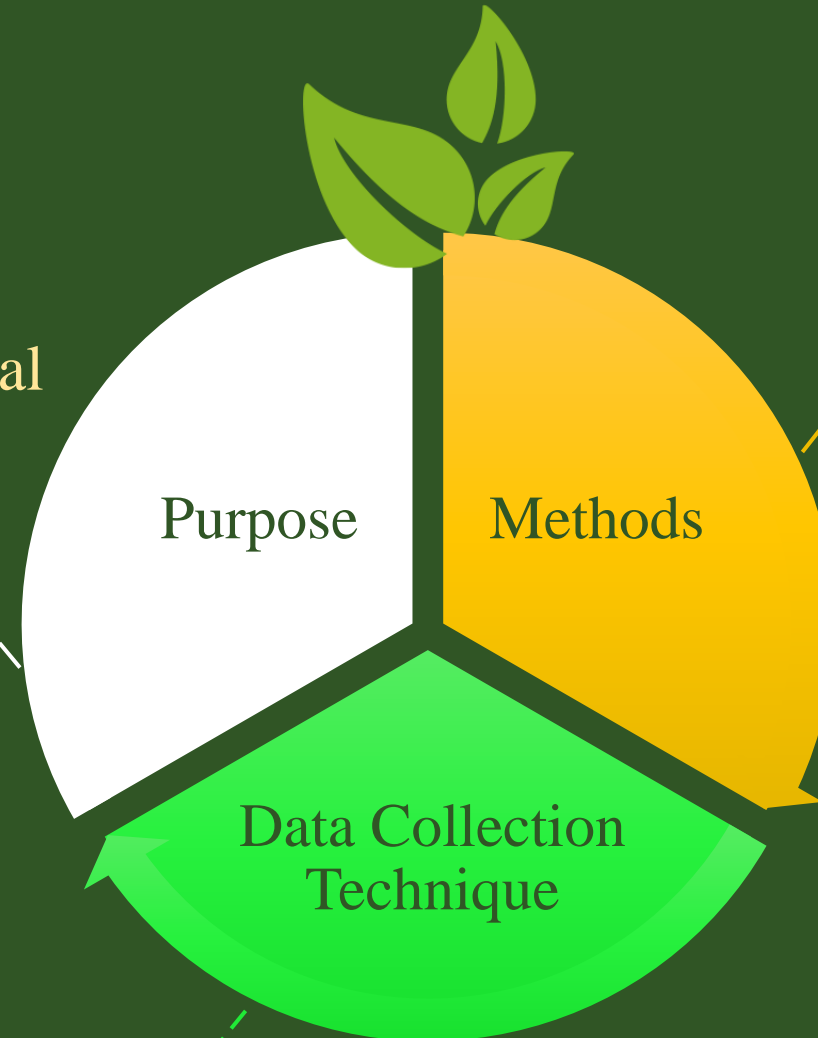
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INTRODUCTION

- Indonesia's rich diversity in ethnicities, cultures, religions, and languages.
- Environmental awareness has become a widely recognized issue.
- The ecopedagogy approach has proven to be efficient in providing sustainable education .
- Kampung Naga serves as an inspiring the application of local wisdom.
- This research aims to analyze ecopedagogical education based on the local wisdom of Naga village.

RESEARCH METHODS

To examine the impact of ecopedagogical-based environmental education on geography education students in Tasikmalaya



Mixed-methods approach
qualitative and quantitative methods

Field study
Observations
Interviews
Questionnaire

RESULTS AND DISCUSSION

KAMPUNG NAGA

Kampung Naga, a traditional village in Indonesia, exhibits a strong culture and value system that significantly contributes to environmental conservation.

The strong cultural values related to environmental conservation in Kampung Naga are reflected in the daily activities of the community.

Geography education students have a close connection to environmental conservation because they study concepts related to geography and sustainability.

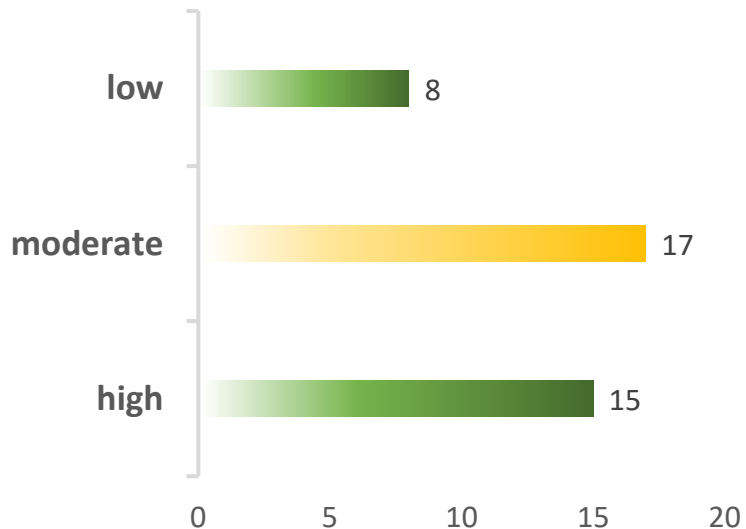


RESULTS AND DISCUSSION

ECOPEDAGOGICAL ANALYSIS OF STUDENTS

Understanding and mastery of ecopedagogy consists of three main indicators there are **technical eco-literacy, cultural eco-literacy, and critical eco-literacy**

Understanding and
Mastery of Ecopedagogy

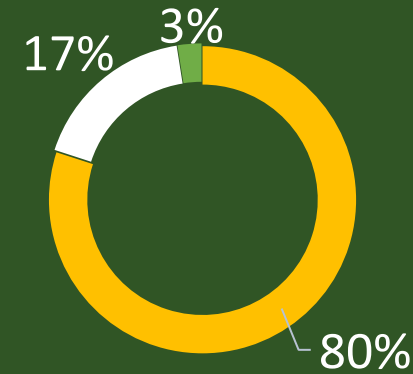


- In the context of ecopedagogy, geography education students who have participated in field studies in Kampung Naga exhibit diverse levels of understanding and abilities in the three main aspects.
- These varying levels of understanding offer the potential for the development of more in-depth and inclusive environmental education and a broader understanding of environmental issues.

CRITICAL ANALYSIS OF STUDENTS' ENVIRONMENTAL CARE

Critical Environmental Attitudes Indicator:

- Related to respect for the environment
- The principle of responsibility
- The principle of solidarity
- The principle of compassion
- The principle of non-damage
- The principle of simple living in harmony with nature
- The principle of justice
- The principle of democracy
- The principle of moral integrity



■ high ■ moderate ■ low

- Geography education students exhibit varying levels of environmental concern. They have developed technical understanding and are committed to cultural values related to the environment, especially after participating in a field study in Kampung Naga and observing the local wisdom applied there. However, their levels of involvement and critical thinking regarding environmental issues still need improvement.

Analysis Ecopedagogical Approach of Critical Attitudes Environmental Concern

Tabel 3 The Influence of the Ecopedagogical Approach on Critical Attitudes Caring for the Environment

Variables	Regression Coefficient	Significance
Ecopedagogical Approach (X)	0.754	0.001
Constant (Y-intercept)	0.202	
R-squared (R ²)	0.564	
F-statistic	45.821	0.001

- The regression coefficient of 0.754 indicates that the application of an ecopedagogical approach is positively correlated with the development of a critical environmental attitude.
- A constant of 0.202 means that some level of critical attitude towards the environment already existed before the implementation of the ecopedagogical approach.
- The R-squared (R²) value of 0.564 indicates that around 56.4% of the variability in critical environmental attitudes can be explained by the application of an ecopedagogical approach.
- F-statistic with a value of 45.821 indicates that the regression model is significant overall.
- This means that the ecopedagogical approach has a significant contribution in explaining changes in critical attitudes towards the environment.

CONCLUSION

- The results of ecopedagogical analysis on students indicate that their technical ecoliteracy is at a moderate level, while their cultural and critical ecoliteracy also falls within the moderate range.
- The analysis of critical environmental attitudes reveals variations in the level of environmental concern among geography education students
- The results of the simple linear regression analysis in this study demonstrate a significant influence between the implementation of the ecopedagogical approach and the development of critical environmental attitudes.



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