

ABSTRAK

NILA ZUSMITA WASNI, Kajian Pengetahuan, Persepsi dan Sikap Terhadap Kelestarian Ekosistem Terumbu Karang Antara Masyarakat Dan Siswa SMP di Kabupaten Tapanuli Tengah. Tesis: Program Pascasarjana Universitas Negeri Medan.

Penelitian ini bertujuan untuk mengetahui hubungan pengetahuan, persepsi, sikap siswa SMP dan masyarakat terhadap ekosistem terumbu karang. Penelitian dilaksanakan pantai Binasi, Sorkam Tapanuli Tengah. Data diperoleh dengan bantuan instrumen tes dan instrumen kuesioner. Teknik analisis yang digunakan yaitu deskripsi kuantitatif dan korelasi. Hasil penelitian menunjukkan pengetahuan siswa terhadap ekosistem terumbu karang diperoleh skor $31,79 \pm 9,44$. Persepsi siswa diperoleh skor $31,81 \pm 3,57$. Sikap siswa diperoleh skor $30,97 \pm 4,53$. Skor pengetahuan siswa laki-laki diperoleh skor rata-rata $31,73 \pm 8,67$. Skor pengetahuan siswa perempuan diperoleh skor rata-rata $31,84 \pm 10,22$. Skor persepsi siswa laki-laki diperoleh skor rata-rata $32,05 \pm 2,88$. Skor persepsi siswa perempuan diperoleh skor rata-rata $31,58 \pm 4,14$. Skor sikap siswa laki-laki diperoleh skor rata-rata $30,57 \pm 4,52$. Skor sikap siswa perempuan diperoleh skor rata-rata $31,37 \pm 4,55$. Pengetahuan masyarakat terhadap ekosistem terumbu karang diperoleh skor rata-rata $43,33 \pm 6,87$. Persepsi masyarakat diperoleh skor rata-rata $32,27 \pm 2,30$. Sikap masyarakat diperoleh skor rata-rata $34,17 \pm 5,20$. Tidak terdapat perbedaan pengetahuan siswa laki-laki dan perempuan tentang ekosistem terumbu karang ($t = 0,066$; $P = 0,947$). Tidak terdapat perbedaan persepsi siswa laki-laki dan perempuan tentang ekosistem terumbu karang ($U = 1,660,000$; $P = 0,712$). Tidak terdapat perbedaan sikap siswa laki-laki dan perempuan tentang ekosistem terumbu karang ($t = 0,933$; $P = 0,353$). Pengetahuan dengan persepsi siswa tentang ekosistem terumbu karang terdapat hubungan yang sedang dan positif ($0,295$). Pengetahuan dengan persepsi siswa tentang ekosistem terumbu karang terdapat hubungan yang sedang dan positif ($0,251$). Persepsi dengan sikap siswa terhadap ekosistem terumbu karang terdapat hubungan yang sedang dan positif ($0,394$). Pengetahuan dengan persepsi masyarakat terhadap ekosistem terumbu karang terdapat hubungan yang sedang dan positif ($0,259$). Pengetahuan dengan sikap masyarakat terdapat hubungan yang lemah dan positif ($0,101$). Persepsi dengan Sikap masyarakat terdapat hubungan yang sedang dan positif ($0,204$). Selain itu, ditemukan juga bahwa terdapat perbedaan pengetahuan tentang terumbu karang yang signifikan antara siswa dengan masyarakat ($t = -6,262$; $P = 0,00$). Terdapat perbedaan persepsi terhadap terumbu karang yang signifikan antara siswa dengan masyarakat ($U = 1,749,000$; $P = 0,788$). Terdapat perbedaan sikap terhadap ekosistem terumbu karang yang signifikan antara siswa dengan masyarakat ($U = 2,533,000$; $P = 0,000$).

Kata Kunci: Pengetahuan Ekosistem, Persepsi, Sikap, Siswa, Masyarakat, Terumbu Karang

ABSTRACT

NILA ZUSMITA WASNI, Assessment of Knowledge, Perceptions, and Attitudes towards Coral Reef Conservation between Community and Junior High School Students in Tapanuli Tengah. Thesis: Graduate School, State University of Medan.

This research was aimed to Determine The Relationship of Knowledge, Perception, and Attitude about Coral Reef Conservation between Community and Junior High School Students. The experiment was conducted at Binasi beach, Sorkam Tapanuli Tengah. Data obtained with the aid of test instruments and instrument questionnaire. The analysis technique used was quantitative description and correlation. The results showed students' knowledge of coral reef ecosystems earned a score of 31.79 ± 9.44 . Perceptions of students obtained a score of 31.81 ± 3.57 . The attitude of the students obtained a score of 30.97 ± 4.53 . Knowledge score of male students obtained an average of 31.73 ± 8.67 . Scores of female students knowledge gained an average score of 31.84 ± 10.22 . Score of perceptions of male students obtained an average score of 32.05 ± 2.88 while female students obtained an average score of 31.58 ± 4.14 . Scores of attitude of male students obtained an average score of 30.57 ± 4.52 , while female students obtained an average score of 31.37 ± 4.55 . Knowledge of the community about coral reef ecosystems obtained an average score of 43.33 ± 6.87 . Community perception obtained an average score of 32.27 ± 2.30 . The attitude of community obtained an average score $34,17 \pm 5.20$. There was no significant differences in students' knowledge about coral reef ecosystem among gender ($t = 0.066$; $P = 0.947$). There were also no significant difference in students' perceptions among gender towards coral reef ecosystems ($U = 1660.000$; $P = 0.712$). There was no significant difference in student attitude of among gender on coral reef ecosystems ($t = 0.933$; $P = 0.353$). The correlation between student knowledge and perception towards coral reef ecosystem was moderrate and positive (0.295). Correlation between student knowledge and attitude towards coral reef ecosystems was also moderrate and positive (0.251). Correlation between student perception and attitudes towards coral reef ecosystems was also moderrate and positive (0.394). The correlation between community knowledge and perception, community knowledge and attitude, and community perception and attitude were positive but moderrate, weak and modderate, respectively (0.259); (0.101); (0.204). There was significant differences in knowledge about coral reefs between students and the community ($t = -6.262$; $P = 0.00$). There was also significant differences in the perception towards coral reefs between students and the community ($U = 1749.000$; $P = 0.788$). There was also significant difference in attitudes toward coral reef ecosystems between students and the community ($U = 2533.000$; $P = 0.000$).

Keywords: Knowledge Ecosystem, Perceptions, Behavior, Students, Community