

## **ABSTRAK**

### **PERSEPSI MAHASISWA DAN PERUBAHAN TUTUPAN LAHAN TERHADAP RUANG TERBUKA HIJAU DI UNIVERSITAS LAMPUNG**

**Oleh**

**DEL PIERO JONATHAN**

Penelitian ini bertujuan untuk menganalisis persepsi mahasiswa terhadap RTH di Unila dan mengukur tingkat kenyamanan RTH serta memahami perubahan tutupan lahan di area tersebut. Penelitian dilakukan pada bulan Agustus 2022 di tiga titik RTH Unila yaitu tegakan beringin, kawasan parkir terpadu, dan lapangan sepak bola. Metode pengumpulan data menggunakan kuesioner, pengukuran kondisi termal, analisis citra satelit, serta alat tulis, kamera, handphone, ms. Excel, dan SPSS. Data primer diperoleh melalui wawancara, kuesioner, observasi, dan dokumentasi, sementara data sekunder berasal dari hasil penelitian, jurnal, dan laporan terkait.

Hasil penelitian menunjukkan bahwa mahasiswa memiliki persepsi positif terhadap RTH yang dikunjungi, dengan mahasiswa perempuan dominan sebagai pengunjung utama. Keberadaan pohon di RTH dianggap penting untuk kenyamanan mahasiswa, dan kebersihan RTH dinilai baik. Analisis *Chi-Square* menunjukkan adanya perbedaan signifikan antara variabel persepsi, yaitu vegetasi dengan fasilitas, vegetasi dengan kebersihan, dan fasilitas dengan kebersihan. Penelitian ini memberikan informasi yang berharga bagi pengembangan dan pengelolaan RTH di kampus dan kawasan perkotaan lainnya. Tingkat kenyamanan RTH berdasarkan suhu, kelembapan, serta *Temperature-Humidity Index* (THI) mempengaruhi tingkat kepuasan mahasiswa selama berada di RTH. Perubahan tutupan lahan di RTH Unila terjadi terutama pada kawasan parkir terpadu karena pembangunan infrastruktur.

Kata kunci: RTH, persepsi mahasiswa, tingkat kenyamanan, perubahan tutupan lahan, Unila.

## **ABSTRACT**

### **STUDENT PERCEPTIONS AND LAND COVER CHANGES TOWARD GREEN OPEN SPACE AT UNIVERSITY OF LAMPUNG**

**By**

**DEL PIERO JONATHAN**

*This study aims to analyze student perceptions of Green Open Space (RTH) at the University of Lampung and measure the comfort level of green open space and understand changes in land cover in the area. The research was conducted in August 2022 at three points of green open space at the University of Lampung, namely banyan stands, integrated parking areas, and soccer fields. Methods of data collection using questionnaires, measurement of thermal conditions, analysis of satellite imagery, as well as stationery, cameras, mobile phones, ms. Excel, and SPSS. Primary data was obtained through interviews, questionnaires, observation, and documentation, while secondary data came from related research, journals and reports.*

*The results showed that students had a positive perception of the green open spaces they visited, with female students dominant as the main visitors. The existence of trees in green open space is considered important for the comfort of students, and the cleanliness of green open space is considered good. Chi-Square analysis shows that there are significant differences between the perception variables, namely vegetation and facilities, vegetation and cleanliness, and facilities and cleanliness. This research provides valuable information for the development and management of green open space on campuses and other urban areas. The comfort level of RTH based on temperature, humidity, and Temperature-Humidity Index (THI) affects the level of student satisfaction while in RTH. Changes in land cover at the Green Open Space of the University of Lampung occur mainly in integrated parking areas due to infrastructure development.*

*Keyword: Green Open Space, student perception, comfort level, land cover change, University of Lampung.*