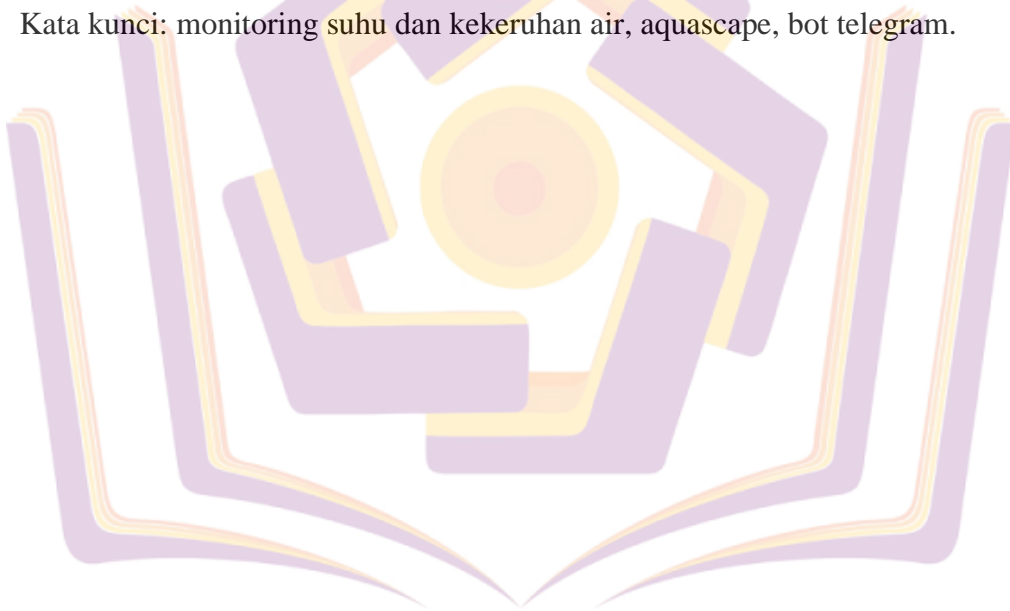


## INTISARI

Secara garis besar terdapat dua faktor yang mempengaruhi kualitas air pada aquascape yaitu suhu dan kekeruhan air, apa bila kualitas air aquascape tidak terpantau akan timbul masalah masalah yang berdampak pada tanaman dan biota air aquascape bagi user aquascape yang memiliki kegiatan atau pekerjaan sulit untuk memonitor kualitas air aquascape setiap saat. Maka dari itu user perlu mencari upaya agar user bisa memonitor kualitas air aquascapenya. Penelitian ini bertujuan untuk membuat sistem monitoring untuk memantau kualitas air aquascape dengan memanfaatkan notifikasi bot telegram membantu user dalam memonitor kualitas air aquascape. Sistem monitoring suhu dan kekeruhan air aquascape akan mengirim notifikasi via aplikasi telegram yang berisi informasi tingkat suhu dan tingkat kekeruhan air aquascape setiap lima menit sekali.

Kata kunci: monitoring suhu dan kekeruhan air, aquascape, bot telegram.



## **ABSTRACT**

*Broadly speaking, there are two factors that affect water quality in aquascapes, namely temperature and water turbidity, if the quality of aquascape water is not monitored, problems will arise that affect plants and aquatic biota for aquascape users who have difficult activities or jobs to monitor water quality. aquascape at any time. Therefore, the user needs to find an effort so that the user can monitor the quality of the aquascape water. This study aims to create a monitoring system to monitor aquascape water quality by utilizing telegram bot notifications to assist users in monitoring aquascape water quality. The aquascape water temperature and turbidity monitoring system will send a notification via the telegram application that contains information on the temperature and turbidity level of the aquascape water every five minutes.*

*Keywords: monitoring temperature and water turbidity, aquascape, telegram bot.*

