

## Overview of Constructed Wetlands System for Greywater Treatment: Challenges, Advantages, and Sustainable Analysis

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**Abstract :** As developing country, Indonesia, retreatment for greywater is an important factor that guaranteeing water sustainability? But, its still not familiar in Indonesian society. Because they still use their old habit for wasting the water without retreatment. Differently, with industry wastewater, effect of domestic wastewater is not directly looked with naked eyes. Domestic wastewater that not gets treatment directly can affect pollution in water body or river. Its affected by accumulation many pollutants that include on water. This paper is trying to analyze the challenges and advantages on greywater treatment system based on Constructed Wetlands (CWs) system in Bandung, one of the biggest cities in Indonesia. Aside that, this paper also is trying to analyze sustainability aspects. There is economic, social and of course environment with two methods. The first, study literature is used to see the advantages and challenges that faced by Indonesia when CWs are applied. Secondly, quantitative method is used to get the society perception about retreatment of greywater. Then, it will get a conclusion that this technique not only good in theoretically but also practically.

**Keywords :** greywater, constructed wetlands, advantages, challenges, Bandung, sustainability analysis

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