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Analysis of Rainfall Characteristics of East Kalimantan Province

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Abstract

This research was conducted in the region of East Kalimantan province. It aims to identify conditions of precipitation each period of 10 years as long as 40 years. The analysis is done using a linear Equation using auto correlation. Test the trend of precipitation data is done using Cox-test- Stuart t. Based on the Binomial Distribution Table at 5% unreal levels indicate precipitation data during

40 years used in this research was not significant, which means it does not have a trend, the pattern of the relationship between precipitation and the time of forming the open curves upwards, with the equation $Y = 2,645.44 + 31.26 X$. Changes in forest cover are synchronize with changes in average monthly rainfall.

Keywords

Climate

Rainfall

Forest

Plantation

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