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Review Report

Date: 27-September-2021

Title: ANALYSIS OF RAINFALL VARIABILITY IN DANDA JAYA SWAMP

IRRIGATION AREA DUE TO CLIMATE CHANGE

Authors: Maya Amalia, Elma Sofia, Muhammad Chairi Munanjar

Evaluation	Poor	Fair	Good	Very Good	Outstanding
Originality					$\sqrt{}$
Innovation				$\sqrt{}$	
Technical merit					$\sqrt{}$
Applicability					$\sqrt{}$
Presentation and English				$\sqrt{}$	
Match to Journal Topic					$\sqrt{}$
Recommendation to Chief E	<u>ditors</u>				
	Strongly Reject	Reject	Marginally Accept	Accept	Strongly Accept
Recommendation					V

Review Comments: The main objective of this study is to identify the existence of climate change through a tendency pattern using linear regression analysis. The analysis result conducted in Danda Jaya Swamp Irrigation Area using daily precipitation data from 2000-2020 showed a tendency to increase in rainfall intensity of 18.944 mm/year. Trend analysis of the annual average rainfall in rainy season in period I and II decreased by -2.663 mm/year and -11.542 mm/year respectively. In the dry season, the average value of annual rainfall increased in the first period of 4,886 mm/year and the second period of 3,083 mm/year. **Excellent Research Paper. Paper Accepted for Publication in IJCIET.**