

SPATIAL ANALYSIS METHOD TO OPTIMIZE THE LAND USE BASED ON LAND RIGHT STATUS IN SUKABUMI, WEST JAVA, INDONESIA

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Land use should pay attention to the ability of land, to avoid deviations between the land use and allotment. The aim of this study is determine the distribution pattern of land use based on incompatibility land rights status in Sukabumi (West Java, Indonesia). Spatial analysis used to combine the Land Allocation Map with the Map of Land Use to capture the mismatch between the region with the land use allotment. After that, to find incompatibility based on land use rights status, the spreading pattern overlayed with the Map of Land Status. From the research, it can be concluded the incompatibility of land use in Sukabumi have clumped patterns, leading to the southeast region, in the mountainous area, soil types vulnerable to erosion, and high rainfall. Finally, to optimize the land use can be done by clarifying the status of land rights to help the State to manage the land use allotment.

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