

**DAMPAK PERLUASAN AREA TERBANGUN TERHADAP BANJIR  
DI KAWASAN KUTA KABUPATEN BADUNG**

**T E S I S**

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## ABSTRACT

*The increasing of activities in Kuta due to rapid growth city as international tourism area, stimulate increasing development in deed intensify land use, and reduce infiltration area, and consequently increase surface run off. It further increase flood problem. Therefore, it is needed to study the impact of developed area to the flood parameters. The study is aimed to find out the corelation between developed area and flood parameters.*

*The object of the study is achieved by identify the increament of flood condition, change is land developed area, and than analize by the linear regression analysis using SPSS program.*

*Based on the analysis, it can be concluded that there strong corelation between land developed area and flood parameters. Among four sub catchments within study area, sub catchment IV give highest response to the flood parameters.*

*To reduce flood problems in the study area, it is recommended to limit land development area to the selected use only. As this study is limited to land development area as one of the causal of flood increament, it is recommended to further study to know the other causal factors.*