

**TIDAL FLOOD INFLUENCES ENVIRONMENT QUALITY  
OF THE SETTLEMENT IN BEDONO VILLAGE  
SAYUNG SUB-DISTRICT, DEMAK DISTRICT**

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**ABSTRACT**

*Placement of coastal areas for residence is inseparable from the threat of disaster, one of which is the tidal flood (rob). Tidal flood (rob) has an impact on the settlement environment in the coastal area of Bedono Village, Sayung Sub-district, Demak Regency. The purpose of this research is 1. To analyze the condition of settlement environment in Bedono village; 2. To analyze the influence of tidal flood (rob) on the quality of the settlement environment in Bedono Village; 3. To analyze the standard of quality assessment of settlement environment in tidal flood area (rob). The research method aimed at the existence of the population is the sampling method, while the research method aimed at the characteristics of the research object is qualitative descriptive method. Data analysis was done by using qualitative and quantitative approach. The sampling technique used is random sampling. Data analysis technique using scoring, multiple linear regression test, and qualitative descriptive analysis with cross tabulation.*

*Based on the results of the research and analysis that have been described in the previous section, the conclusions of this study are as follows: (1) Environmental conditions in Bedono Village which often submerged by rob floods give a bad influence on the quality of settlement environment in Bedono Village; (2) The quality of the settlement environment in Bedono village is mostly included in the medium quality. Rob floods that occur make people make adjustments to the environmental conditions. Adjustment to these environmental conditions make the physical form of the house is different from the physical form of the house in general. Adjustment can be performed by elevating the house into a form of stage house or elevating the floor with the aim that the water from the rob flood is not entered into the house. Factors that affect the development of environmental quality of settlements are economic factors, physical buildings, and settlement environment. Economic factor is a factor that has a major contribution in the influence of the quality of the settlement environment. Economic factors are the most dominant factor due to the recovery or repair of the houses impacted by the occurrence of rob flood events; (3) There is a difference in the standard of assessment of the quality of settlements between the flooded areas and areas not affected by the rob floods.*

**Keywords:** Rob Flood, Quality of Settlement environment, Demak.