

ABSTRACT

Mapping Morbidity DHF (Dengue Hemorrhage Fever) in the District Of Jember 2013 , Kukuh Jalu Prastyantoko, E4110415 Nim, In 2014, 64 pp, Medical Record, State Politeknik of Jember, Adi Heru Utomo, S.Kom.,M.Kom. (Supervisor I) and Feby Erawantini S.KM, M.P.H (Supervisor II).

Morbidity DHF (Dengue Hemorrhage Fever) is a disease caused by the mosquito Aedes Aygepti . Mosquitoes can breed rapidly in the environment that are not treated . System mapping is an action that should be taken to monitor the spread of this mosquito , so that the level of DHF can be minimized as small as possible . This mapping system using Quantum GIS application version 1.8.0 . This study aims at designing and create a digital map of the distribution of dengue morbidity . This research was conducted in Jember Health Office starting on June 20 until December 31 . The method used in the study is Waterfall . In this study , Quantum GIS is used to create a digital map that can be connected to the databases of the characteristics of an area . The results of this study is a digital map of the spread of dengue in Jember . This map can display the attributes geography of an area such as rainfall , population density , height , area , and population . Digital map is equipped color as an indicator of dengue at a local level .

Key Words: Mapping, Morbidity, DHF (Dengue Hemorrhage Fever), Quantum GIS