GEOGRAPHICAL INFORMATION SYSTEM (GIS) DEVELOPMENT Dengue Fever (DBD) DISEASE ENDEMIC IN BEKASI

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ABSTRACT:
Dengue hemorrhagic fever (DBD) disease is one of Indonesia public health problems that tend to spread more widely spread and higher levels until it reaches occurred even extraordinary events. Therefore it is necessary to the design of an information system through a geographic information system (GIS) application of the affected areas of dengue hemorrhagic fever in Bekasi that can help people and even institutions concerned to make decisions together in preventing and tackling the spread of dengue hemorrhagic fever. The making of this application aims to provide information about the spread of dengue hemorrhagic fever disease in Bekasi as a material consideration in decisions to do next in the prevention and eradication of dengue hemorrhagic fever in Bekasi. This application is created using ArcView GIS software version 3.3. Spatial data represented in graphical form by using the method on a screen Digitizing. Non-spatial data represented in the table. The process of making the application interface using programming scripts Avenue. Geographic information system displays the information of the affected areas of dengue hemorrhagic fever each subdistrict and village in 2006 until 2008, life cycle of Aedes aegypti mosquitoes, the characteristics Aedes aegypti mosquitoes, dengue symptoms, first aid on the patient, movement 3 M, plus Other movements, list of hospitals, health centers list, profiles application development, application description, project usage instructions, instructions for using maps, and guide the use of tables.