

Sistem informasi geografis Berbasis Web untuk pencegahan dan pemberantasan Penyakit Demam Berdarah Dengue (BDB)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20428491&lokasi=lokal>

Abstrak

the increasing of dengue fever disease cases has taken a lot of victims. along with the rains, epidemic, which is infected by *Aedes aegypti* mosquito, expand massively in Indonesia. data in public health department Bandung mention amount of dengue fever cases since January 2004 until April 2004 have reached 2283 case with 18 cases pass away. there is special guidance for society, elite figure, health worker, and the related sector in order to prevent and limit the spreading of dengue fever disease. however, until today the effort has not been reduced infection number. activity to prevent and eradicate of dengue fever disease ought to be supported by powerful information system in order to control and manage dengue fever disease case effectively. when infectious disease happened, traditionally, surveillance epidemiology mark patients location on the paper map, and store patients data base in computer. but this method cannot build the link between patients data base with spatial data. therefore, at this research will be developed a new method by using information system which base on both textual and geographical reference. with this design implementation the improvement in detection speed, management and control from infectious of dengue fever disease faster in the next period so that easier to consider specific precaution. this geographical information system also serve the purpose of the appliance assist to prevent the movement of disease to environment through buffering mechanism. to facilitate related party obtain information, this application provide information which can be accessed through base on web intranet.