Sistem Informasi Geografis Daerah Rawan Banjir Kabupaten Jember
(*Geographic Information Systems Flood Prone Areas of Jember District*)

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ABSTRACT

Geographic Information Systems Flood Prone Areas of Jember District a system that can give information on the flood prone areas in each district which are prone regions obtained by Tsukamoto fuzzy calculation in accordance with the terms specified , in addition to providing information prone areas can also provide Opera the health facilities and flood events that preceded . These systems implement the information into the form of a digital map with the aim to better facilitate the delivery of information . The data used were obtained from BPBD (Disaster Management Agency) and BPEKAP (District Development Planning Agency) Jember is then processed into a system that is appropriate and effective . At the end result of this system will display information about flood -prone areas , health facilities, and flood events that precedes the data that is implemented in the form of digital maps for easier delivery.

Keywords: Geographic Information Systems, Flood, Tsukamoto fuzzy