GEOGRAPHICAL MAPPING OF CRIMINALITY AT KOTA GORONTALO WITH GEOGRAPHICAL INFORMATION SYSTEM BASED

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Abstract

Criminality administration at Gorontalo city still used archieving process for reporting and dividing kinds and territories in order to make a traditional map showing troubled-area and clear-area of criminality. Inaccurate mapping caused tracing and overcoming process toward troubled-area was not optimally held. The amount of criminals were increasing due to less anticipation from police department.

The purpose of this research was to make a map of criminality in form of geographical information system-based interactive map where the system could record based on the input report. In the development of this system, it was applied *Guide* method namely Geographical Information System Development for Local Government. Final result concluded that police department can easily register/administer the report and precisely determine the troubled-area which needs to be anticipated to decrease the criminality and help in decision making

Keywords: *Geographical Information System, Criminality, Geographical Mapping.*