

## ABSTRACT

*In 2010 the Government (Local Government) are expected to have the law building as a follow up of Act No. 28 of 2002 on building and Government Regulation No. 36 of 2005. This is the spearhead in the implementation arrangements buildings. With the legislation that the administration building will be orderly, and the achievement of reliability of buildings according to function. Importance of regulation of building construction regulation because, in reality there are many problems encountered with regard to settlement building and the environment. Construction of many buildings are built without complete with Building Permit (IMB), or buildings constructed with the IMB, but still did not meet the technical requirements, resulting in less reliable against earthquakes, fire-prone. In addition there are many buildings built without regard to the environmental carrying capacity caused flood-prone, landslide prone slums and crime..*

*Handling of the troubled building and publishing IMB issued by local governments. To facilitate the documentation and government provide convenience to the public to get information about the filing of IMB. This application contains data that has a building in District Dayeuhkolot, spatial data and the use of land and its provisions are intended functionality of the building in an area. With these data it can be done to facilitate the spatial analysis of the Bandung District Government to check the building that has IMB, especially when there are buildings that disrupt the community and environment, the system will display the information and criteria for the building or buildings appropriate functionality with his IMB. Another function of this SIG for one of the supporters of the licensing decision-making IMB proposal. It can also be used for documentation of ownership of data IMB menadi one data base. This application is a web-based designed so that it can be accessed throughout the scope of government operations that deal with the IMB in the Department of Communities and Local Government Spatial Bandung District and can also be accessed by the public. It is also expected to support the spatial better future as we get the building to be constructed.*

**Key Words:** *Geographic Information System, Building Permit*