

Implementation of Standard Operation Procedures for Participatory Mapping in Disaster

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Abstract: Geospatial information have played important role in development planning and environmental decision making. Nowadays participatory mapping had become one of the common methods to provide the demand for geospatial information. However input data form community often does not conform to the existing standards. To overcome these problems Indonesia Geospatial Information Agency (BIG) prepare The Standard Operation Procedure related to participatory mapping to set the spatial data obtained has a single reference. The standard that has been prepares should be tested to determine the extent for its effectiveness in public. The implementation of this SOP was demonstrated by giving a training for trainer to the volunteers who are trained to map the flood affected area in Grobogan dan landslide disaster mapping in Karanganyar. In this field test the volunteers are given the knowledge to use Ina-Geoportal as a source of base map for disaster mapping. Data from field survey then tested to be uploaded into Ina-Geoportal. To supports this standard additional applications are needed especially more easy application that allows users to download and upload data. In addition the application to control the quality of data to be uploaded is also important so that the incoming data would fulfill the existing geospatial information standards.

Key words: spatial standard, participatory mapping, ina-geoportal, disaster mapping