

ABSTRACT

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**DESIGNING ANALYSIS OF DATA FORMAT STANDARDS AND
DECISION SUPPORT SYSTEM PRIORITIES DEVELOPMENT OF
PHYSICAL REVENUES OF NATURAL DISASTERS**

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The field of rehabilitation and reconstruction of the national disaster management agency (BNPB) is responsible for the physical improvement of the natural disaster area. Where currently the field of rehabilitation and reconstruction does not have a system that handles the standardization of data formats so that disaster data reports that occur in each region different data formats. To solve the problem in this research will be designed for disaster data processing system in the form of master data of disaster impact assessment and needs assessment. While for Decision Support System (DSS) the priority of development of physical damage repair, Analytic Hierarchy Process (AHP) method is used to analyze the criteria used, among others, main factors include (Natural Resources (SDA), Human Resources, Funds and Time). Sub factors include (Materials and Equipment). Supporting factors include (Light Damage, Medium Damage, Heavy Damage). Sectors include infrastructure, productive economy, social, cross-sector, and sub-sector. This research will produce the design of standard system of natural disaster data processing and produce result of synthesis, sensitivity 1, and sensitivity 2 for the determination of development of physical repair of natural disaster area system will be designed using design model v model and structured modeling.

Daftar Pustaka (1991 – 2016)