

## **Current Status of Aceh Tsunami Digital Repository**

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### **Abstract**

On December 26 2004, an earthquake and tsunami struck the coast of Aceh. During the Aceh rehabilitation and reconstruction process, there are a lot of valuable data and information in the context of historical, scientific, and education for disaster risk mitigation. These data and information will be loss if we do not manage them. On the other hand, without any knowledge transfer, the data and information will be meaningless. Therefore, Tsunami & Disaster Mitigation Research Center (TDMRC), Syiah Kuala University, supported by Hyogo Prefecture Japan, was creating a digital repository, called Aceh Tsunami Digital Repository (ATDR). ATDR has clear benefits to the broad research community. It would foster collaborative research and encourage the use and analysis of the data from varying perspectives in a variety of disciplines. By preserving the data, the data would continue to be available to researchers in the future. This paper discusses current status of ATDR. In the ATDR, we have identified source of contents, develop a repository system by using DSpace, and collect data from Aceh government institutions and other related organizations. Then, we uploaded the data in the digital form to the repository. Finally, we implement them in the web based database including metadata and searching functions, so that accessible by any one, any where, any time as long as Internet access is available. In addition, ATDR will provide some information of Atjeh Tsunami Museum, Science-based Tsunami Smile, and Aceh Green as its contents.

Key word: Aceh, Tsunami, Repository, ATDR, TDMRC.