Best Practices for Ongoing Improvement of LIDIA

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Landslide Inventory Database Indonesia (LIDIA) is a database application for landslide inventory. It aims to provide a framework and tools for displaying and analyzing landslide information in Indonesia. LIDIA is a tool to quantitatively assess hazards, systematically manages the diverse and detailed information, and improve the quality of Landslide Susceptibility Assessment (LSA). It was developed in 2011, as a part of inhouse development of the Federal Institute for Geosciences and Natural Resources (BGR), Germany and were tested within the Georisk Project and Geological Agency of Indonesia (GAI). In 2012, LIDIA was translated from english to Bahasa. It becomes a user friendly database software, specially for local goverment. Up to 2016, LIDIA has stored more 5000 landslide events. The information in the database updated on an ongoing basis. For best practices, GAI requires additional database functionality to develpved a pratical and effective approach for LSA and disaster risk reduction. A WebGIS information and an android platform on landslides inventory considerably to be the next improvement. It will provide fixed, reliable and up-to-date information on landslide in Indonesia.

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