

**EARTHQUAKE DISASTER PREPAREDNESS EDUCATION AS AN
EFFORT TO INCREASE STUDENTS' KNOWLEDGE
THROUGH VIDEO MEDIA**

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SUMMARY

Background: Indonesia is often hit by earthquakes because it is located where three big tectonic plates meet. In 2023, earthquake events increased 31 times. During this time, there were 874 deaths, 31,454 injuries, 108,143 damaged houses, and 5,836 damaged public facilities. National Geographic Indonesia said 60% of disaster victims were school children, showing that they are very vulnerable. Therefore, effective education is needed, such as using animated videos, to help students prepare for earthquakes. **Objective:** To provide educational information through an animated video to help students learn about earthquake preparedness. **Method:** The educational video was made through three steps: pre-production, production, and post-production. **Result:** The output was an animated video called "SIGAP" Earthquake Alert, lasting 5 minutes and 31 seconds with a file size of 165 MB. Three testers said the video was easy to understand and interesting. **Conclusion:** The "SIGAP" animated video can be used as an educational tool to increase school children's knowledge about disaster preparedness.

Keywords: Earthquake, preparedness, educational video.