School Resilience Policy Advocacy for Android-Based Disaster Mitigation

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ABSTRACT

Mitigation education is important to provide to communities in disaster-prone areas. Schools have a strategic role to play in building a culture of disaster awareness and social resilience. Mitigation education policies have not been optimally implemented in schools, because some schools have not been resilient in dealing with disasters. Solutions so that schools have a strategic role in disaster mitigation with the development of school resilient policies. This study aims to provide advocacy to schools about the importance of implementing school resilience policies that are expected to increase the role of schools for disaster mitigation. Advocacy is a persuasive communication that aims to make the school's decision to build school resilience is very important for the school. With advocacy, it is hoped that the policies designed by schools will be able to gradually improve the education ecosystem. Advocacy is carried out to increase ORID awareness regarding the importance of disaster mitigation, based on the results of previous research showing that ORID awareness owned by schools regarding the importance of disaster mitigation has not been maximized, while most schools in Indonesia are in disaster-prone areas so that school resilience is needed to increase the active role of schools in increasing ORID awareness regarding the importance of disaster mitigation. In addition, socialization and education in previous research have not covered all regions in Indonesia, so accelerator socialization and education are needed regarding the importance of building school resilience for disaster mitigation. Socialization will be effective by utilizing IT. Android as part of the development of IT is an opensource operating system that is used to make innovations in developing instruments that schools and students can use directly to describe the resilience profile by measuring school and personal resilience. The results showed that School Resilience in several schools that were the setting of the study showed numbers in the good category. However, in the vortex of individual resilience, the resulting numbers show levels that are low enough that they still need improvement. The developed android application can help individuals to measure their individual level of resilience with instantly known results also provided constructive suggestions related to a brief way to improve the aspects provided in the android application. The finished article is related to strategies for strengthening resilience within government agencies and in schools.

Kata Kunci: *Android, Mitigation, School Resilience*