

The Investigation on the Status of Disaster Prevention and Reduction Knowledge in Rural Pupils in China

Authors : Jian-Na Zhang, Xiao-Li Chen, Si-Jian Li

Abstract : Objective: In order to investigate current status on knowledge of disaster prevention and reduction in rural pupils, to explore education method on disaster prevention and reduction for rural pupils. Method: A questionnaire was designed based on literature review. Convenient sampling was used in the survey. The questionnaire survey was conducted among 180 students from Huodehong town central primary school which located in Ludian county of Zhaotong city in Yunnan province, where 6.5 magnitude earthquake happened in 2014. The result indicated that the pupils' knowledge and skills on disaster prevention and reduction relevant poor. The source for them to obtain the knowledge of disaster prevention and reduction included TV (68.9%), followed by their parents (43.9%), while only 24.4% of knowledge is from the teachers. The scores about different natural disaster are ranking in descending order: earthquake (5.39 ± 1.27), floods (3.77 ± 1.17); debris flow (2.81 ± 1.05), family fire (2.16 ± 0.96). And the disaster experience did not help the pupils enhance the knowledge reserves. There is no statistical significance ($P > 0.05$) in knowledge scores of disaster prevention and reduction between experienced and non-experienced group. Conclusion: The local disaster experiences did not draw the attention of parents and schools. Knowledge popularization of disaster for local pupils is extremely urgent. It is necessary to take advantage of more mediums to popularize the knowledge and skills about disaster prevention and reduction, for example, family education, school education, newspapers, brochures, etc. The training courses on disaster prevention and reduction which are based on the characteristics of the local rural pupils and the characteristics of the local disasters would be useful.

Keywords : rural, pupils, disaster prevention and reduction knowledge, popularization

Conference Title : ICEM 2017 : International Conference on Emergency Medicine

Conference Location : Dubai, United Arab Emirates

Conference Dates : November 24-25, 2017