

High School Students' Seismic Risk Perception and Preparedness in Shavar, Dhaka

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Abstract : School students of Dhaka are in extreme risk of natural disasters. However, the study on assessment of the real scenario of high school students about perceptions of earthquake is very little. The purpose of this cross-sectional study is to assess the seismic risk perception and preparedness levels about earthquake among high school students in Shavar, Dhaka. A questionnaire was developed, and data collection was done about a group of high school students in seven classrooms. The author uses a method of surveying high school students to identify and describe the factors that influence their knowledge and perceptions about earthquake. This study examines gender and grade differences in perceived risk and communication behavior in response to the earthquake. Female students' preparation, participation, and communication with family are more frequent than that of male students. Female students have been found to be more likely to learn about a disaster than male students. Higher grade students have more awareness but less preparedness about earthquake than that of the younger one. This research concludes that irrespective of grades, high school students are vulnerable to earthquake due to the lack of a seismic education program.

Keywords : awareness, earthquake, risk perception, seismic

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