

Education Software for Junior High School Students to Improve Earthquake Emergency Preparedness

Hiroe Morioka[1]; Saburoh Midorikawa[1]

[1] Dept. of Built Environment, Tokyo Institute of Technology

Earthquake education is necessary to improve their earthquake emergency preparedness in the community. If there is an opportunity to be aware of earthquake disaster spontaneously in their childhood, they will be a generation who takes disaster prevention measures against a big earthquake that may happen in the future. In this study, we examined the effective earthquake education for junior high school students and made the education software on CD-ROM. This software was used in the class at a junior high school in Yokohama city. The results show that disaster awareness of about 30 to 40 percent students was improved and the education software was evaluated in the ease of understanding. Based on the questionnaires, we found that the software needs to be easier to use and to have more contents which are useful for junior high school students.