

42nd Australasian Universities Building Education Association (AUBEA) 2018: Best Paper (Technology) Award



Figure 1. Eveline receiving the AUBEA 2018 Best Paper (Technology) award, on behalf of the team.

A conference paper co-authored by Associate Professor Goh Yang Miang, Lim Zheng Yi, Hana Samad and Seah Yi Ling Eveline (Project and Facilities Management fourth year student) won the 42nd Australasian Universities Building Education Association (AUBEA) 2018 Best Paper (Technology) award. The paper describes SafeSim Hazards, a simulation game which provides a virtual site for teaching workplace safety and health.

An overview of the game can be found in this YouTube video: https://www.youtube.com/watch?v=o3-Eir_wa_w (also see Figures below). In the game, students use cameras, measuring tapes and phones to identify hazards and good practices. At the end of the session, the students will receive immediate feedback for their submission followed by a debrief. The game has garnered positive feedback by both practitioners and students. A second version had recently been developed and is currently being trialed with a contractor.

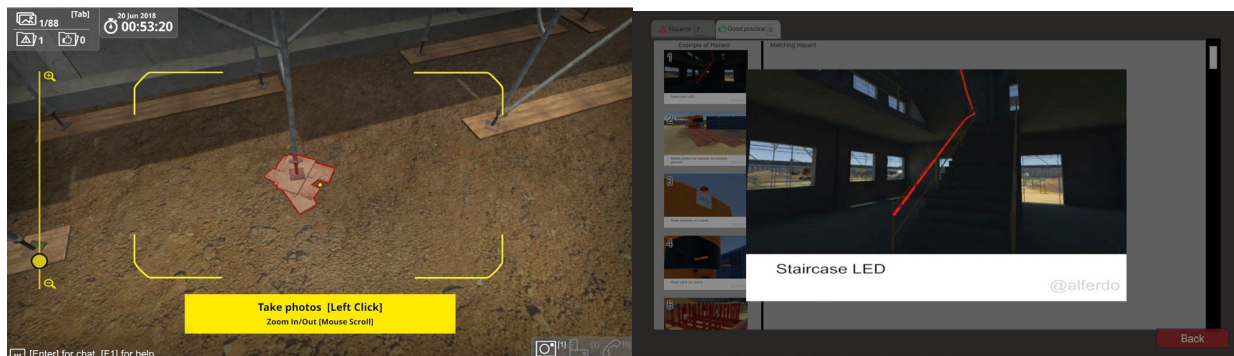


Figure 2. Identifying hazards using the camera tool (left); Reviewing model answers (right)