Surrogate Experiential Learning Based Science Subject Specific Pedagogy (SSP) to Build Disaster Preparedness of Junior High School Students

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ABSTRACT

The study was conducted to develop Surrogate Experiential Learning (SEL) based science Subject Specific Pedagogy (SSP) that is feasible to be implemented in science learning and potential to build volcano eruption disaster preparedness of junior high school students. The study was Research and Development (R&D), modified from Borg & Gall steps covering only research and information collecting, planning, develop preliminary form of product, expert judgment, product revision, and final product. Data were collected by means of SSP validation sheets and disaster preparedness identification sheets. The techniques of data analysis were descriptive analysis of qualitative and quantitative to 5 grading scale. The result of the study shows that SEL based science SSP is feasible to be implemented in science learning and potential to build earthquake disaster preparedness of junior high school students.

Kata Kunci: *science SSP, SEL, disaster preparedness, junior high school students*