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*What Causes a Landslide?*

The hypothesis being stated is that the rainfall on the hill is a more effective cause of a landslide. The materials used were steel formed into a metal box, an air compressor, piping, a sander, a pond liner, tupperware and a loofah sponge. The procedure followed was there were three independent variables tested, one at a time: a simulated earthquake, a simulated tsunami and simulated heavy rainfall. They were tested on the constructed hill until a landslide occurred. There were two parts to this experiment. Each of the independent variables was tested with and without the loofah being incorporated into the soil of the hill. Landslides were evaluated by measuring the depth of the displaced soil. The results showed that the heavy rainfall was more effective than the earthquake and the tsunami in causing an earthquake.