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Measurement of slope deformations using photographic images

The measurement of deformations of a slope in a large-scale model testing slope stability is very important. Extensometers are currently installed in the slope to measure these deformations. However, extensometers are difficult to prepare and install. The method being tested involves using a computer program, Photomodeler, and digital images to make 3-d models of each slope. Using models to measure deformations could be a viable and less intensive method of measuring deformations.