

## **IMPROVEMENT OF SLOPE STABILITY IN THE CAMPING FACILITIES OF “ELPIS” IN ANO POROIA OF SERRES, IN GREECE**

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### **ABSTRACT**

The present paper considers the landslide took place in early June 2009 on the slope of the input of camping facilities “Elpis” in Ano Poroia of Serres, in Greece and proposes measures to treat this slope. Specifically, there is a specific reference to the program Slide v6.0, which is used for the simulation of the landslide in the study area. The results are extracted by taking into account the geological conditions of the study area, the morphological conditions of the area, where the camping facilities are, the climatic characteristics of the region and the seismicity. The models which were resulted by the program Slide v 6. 0, are cited and evaluated. Moreover, specific countermeasures are proposed for the improvement of the slope stability.

**KEYWORDS:** Countermeasures, Simulation on Program Slide v6.0, Slope Stability