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## GEOTEHNIČKI MONITORING KLIZIŠTA

### **Sažetak:**

*Geotehnički monitoring nestabilnih terena predstavlja vizuelno i instrumentalno osmatranje i evidentiranje promena u zoni potencijalnih i aktivnih padinskih procesa: klizišta, puzišta, tecišta, odrona, slabo nosivog tla i sl. Najčešće se vrše monitorinzi klizišta, pri čemu su istražuju: uzroci, geometrija, mehanizam i dinamika pomeranja tela klizišta a na osnovu ukupnih rezultata, vrše se procene stepena hazarda, ugroženosti i rizika od klizanja i daju se preporuke za sanaciju. U radu je opisana metodologija geotehničkog monitoringa, pojmovi, oprema, obim i učestalost osmatranja. Zatim je, hronološkim redom, dat prikaz primera monitoringa klizišta u zoni puteva, mostova i naselja u Srbiji koji su vršeni u periodu 1991-2017. dat prikaz monitoringa najznačajnijih klizišta u Srbiji, a koja ugrožavaju puteve, mostove i naselja.*

### **Ključne riječi:**

*Monitoring , klizišta, oprema, putevi, primeri.*

## GEOTECHNICAL MONITORING LANDSLIDE

### **Summary:**

*Geotechnical monitoring of instable field is a visual and instrumental observation and recording of changes in the zone of potential and active slope processes: landslides, creeping lands, rock falls, weak soil etc. In our country, up to nowadays, mostly monitoring of landslide has been carried out with finding out the following: causes, mechanism and dynamics of landslide body and the assessments of the hazard degree, threat and risk of sliding. The paper describes methodology of geotechnical monitoring, terms, equipment, volume and frequency of observation. Then the authors state chronologically the examples of monitoring in the zone of roads, bridges and settlements in Serbia which were carried out in the period 1991-2017. with description of installed equipment and basic results.*

### **Key words:**

*Monitoring, landslides, equipment, roads, examples.*

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