



Sabid Zekan<sup>1</sup>  
Mersudin Hodžić<sup>2</sup>  
Sabrina Salković<sup>3</sup>  
Šejla Borogovac<sup>4</sup>  
Lejla Hasić<sup>5</sup>

## BOSANSKO-HERCEGOVAČKA METODOLOGIJA ZA ISTRAŽIVANJE I STABILIZACIJU KLIZIŠTA (BLISM)

### **Sažetak:**

*Bosansko-hercegovačka metodologija za istraživanje i stabilizaciju klizišta je u fazi stvaranja. Ima skraćenicu BLISM kao varijanta engleskih riječi: Bosnian Landslide Investigation and Stabilisation Method. Ova metodologija ima zadatak da uspostavi osnovne elemente za ekonomičniju i efikasniju stabilizaciju klizišta i obezbijedi dovoljan stepen sigurnosti na padinama. Uključuje interakciju sa drugim disciplinama a to su urbanizacija i kontrola padinskih procesa.*

*BLISM je koncept koji treba da se razvije u Bosni i Hercegovini, a metodologija bi se mogla koristiti i izvan BiH. Ideja je rođena nakon pojave velikog broja klizišta u maju 2014. godine. Koncept BLISM-a je baziran na austrijskoj metodologiji za tunelogradnju, koja je poznata kao NATM.*

*BLISM može pojednostaviti postupak tretiranja klizišta od predistražnih radnji do stabilizacije. Takođe, cilj je da se naprave finansijske uštede. BLISM mora biti skup jednostavnih principa koji su razumljivi širokom auditorijumu, a koji su rezultat istraživanja i znanja o klizištima.*

### **Ključne riječi:**

*Bosansko-hercegovačka metodologija, klizište, BLISM*

## BOSNIAN LANDSLIDE INVESTIGATION AND STABILISATION METHOD

### **Summary:**

*Bosnia-Herzegovina's methodology for research and stabilization of landslide is in the development stage. Its abbreviation "BLISM" has been formed out of English words: "Bosnian Landslide Investigation and Stabilization Method". This methodology's task is to establish the basic elements for more economical and efficient stabilization of landslides and to ensure that the sufficient degree of safety has been applied in the slopes. The methodology is in interaction with other disciplines, i.e. urban development and slope processes' control.*

*BLISM represents the concept that should be developed in Bosnia and Herzegovina, and the methodology could be used in Bosnia and Herzegovina and abroad. The idea was born after the occurrence of a large number of landslides in May 2014. The BLISM concept has been based on the Austrian methodology for tunnels' construction, known as NATM. BLISM can simplify the procedure in landslide's treatment starting from its pre-investigation to the stabilization stage. The aim is to achieve financial savings, too.*

*BLISM must be the set of simple principles, understandable to the wide audience, that result from research and knowledge on landslides.*

### **Key words:**

*Bosnia-Herzegovina's methodology, Landslide, BLISM*

<sup>1</sup> dr. sc. Sabid Zekan, dipl.inž.rud., Univerzitet u Tuzli, Rudarsko-geološko-građevinski fakultet, Univerzitetska 2, 75000 Tuzla, Bosnia and Herzegovina, sabid.zekan@untz.ba

<sup>2</sup> mr. sc. Mersudin Hodžić, dipl.inž.geol., Univerzitet u Tuzli, Rudarsko-geološko-građevinski fakultet, Univerzitetska 2, 75000 Tuzla, Bosnia and Herzegovina, mersudin.hodzic@untz.ba

<sup>3</sup> Sabrina Salković, dipl.inž.rud., salkovics10@hotmail.com

<sup>4</sup> Šejla Borogovac, bach.ing.geol.

<sup>5</sup> Lejla Hasić, bach. ing. geol.