

## **GEOLOŠKE KARAKTERISTIKE I TEKTONSKA GRAĐA SLIVNOG PODRUČJA GORNJE NERETVE**

### **Mevlida Operta**

Univerzitet u Sarajevu, Prirodno-matematički fakultet, Odsjek za geografiju,  
Zmaja od Bosne 33-35, Sarajevo, Bosna i Hercegovina  
[opertamevlida@yahoo.com](mailto:opertamevlida@yahoo.com)

### **Suada Pamuk**

Energoinženjering, Sarajevo  
[suada.pamuk@energoinvest.ba](mailto:suada.pamuk@energoinvest.ba)

*U ovom radu su prezentirane hidrografske i geomorfološke odlike, te geološke i tektonske karakteristike terena u sklopu slivnog područja Gornje Neretve, počev od šireg prostora entitetske granice do izvorišne zone rijeke. Unutar proučavanog terena izdvojene su strukturno-facijalne jedinice. Pored općih svojstava prikazane su hidrogeološke karakteristike terena. Radi boljeg sagledavanja hidrogeoloških odnosa u slivu i vodoobilnosti unutar određenog dijela toka Neretve izvršena je klasifikacija stijenskih masa i razgraničenje slivnog područja. Analizom geološko-tektonskog sklopa, geomorfoloških odnosa, te ispitivanjem podzemnih vodnih veza utvrđena je granica sliva-vododjelnica.*

**Ključne riječi:** geomorfološke odlike, hidrografske, geološka građa, tektonika terena, hidrogeološka svojstva, granice sliva.

## **GEOLOGICAL CHARACTERISTICS AND TECTONIC STRUCTURE OF THE UPPER NERETVA BASIN**

### **Mevlida Operta**

University of Sarajevo, Faculty of Science, Department of Geography,  
Zmaja od Bosne 33-35, Sarajevo, Bosnia and Herzegovina

### **Suada Pamuk**

Energoinženjering, Sarajevo

*In this paper, hydrographic and geomorphologic characteristics, as well as geologic and tectonic characteristics of terrain within the upper Neretva river basin, starting from a broader area of the inter-entity boundary line, up to the source river zone, were presented. Within the studied terrain, structurally-facial units are distinctive.*

*Along with general characteristics, hydrogeologic characteristics of terrain were presented. For the purpose of better understanding of hydrogeologic relations in the stream basin, and water abundance inside the specific section of the Neretva, a classification of rock masses and the river basin delimitation were performed. Based on analysis of geological-tectonic structure, geomorphologic relations and exploration of the underground water connections, a boundary of the river basin, a water shed, was determined.*

**Key words:** geomorphologic characteristics, hydrographic, geological structure, hydrogeologic characteristics, the river basin margins.