

## GEOKOLOŠKA EVALUACIJA PRIRODNE OSNOVE GORNJEG PORJEČJA GOSTELJE

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*Za potrebe ovog rada provedena je fizičkogeografska analiza gornjeg porječja Gostelje smještenog, najvećim dijelom, u sjevernom dijelu općine Kladanj u Bosni i Hercegovini, u zoni Unutrašnjih Dinarida. Istraživanjem je ocijenjeno stanje geodiverziteta i stepen očuvanosti prirodne osnove gornjeg porječja Gostelje. Provedena istraživanja prirodne sredine su u funkciji adekvatne zaštite i očuvanja. Komponentno je istražena prirodna osnova i registrovane društveno-ekonomske aktivnosti koje narušavaju ili potencijalno mogu narušiti kvalitet životne sredine istraživanog područja. Provedenim istraživanjima konstatovano je da gornje porječje Gostelje karakteriše tipičan geodiverzitet, odnosno to je područje sa relativno očuvanom prirodnom osnovom, u kojem je prisutan negativan antropogeni uticaj.*

**Ključne riječi:** Geoekologija, geodiverzitet, prirodna osnova, životna sredina, porječje, Gostelja, Bosna i Hercegovina.

## GEOECOLOGICAL EVALUATION OF NATURAL RESOURCES OF THE UPPER GOSTELJA DRAINAGE BASIN

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*For the paper purpose, the physical geographical analysis of the researched area were made, situated in the upper Gostelja river basin located in the northern part of the Kladanj municipality in Bosnia and Herzegovina, in the area of the Internal Dinarides. By the research, the state of geodiversity of the upper basin of Gostelja and the level of environment preservation were evaluated. The conducted researches of the environment are in a function of adequate protection and conservation. The component analysis of natural resources was carried out, and the socio-economic activities that violate or potentially violate the quality of the environment of the study area were registered. Conducted researches indicates that the upper basin of Gostelja is characterized by typical geodiversity, i.e. this is an area with relatively preserved natural resources, with the presence of a negative anthropogenic influence.*

**Keywords:** Geoecology, geodiversity, natural resources, environment, drainage basin, Gostelja, Bosnia and Herzegovina.