

GEOLOŠKA USLOVI IZGRADNJE REGULACIJE KORITA RIJEKE SPREČE OD D. DOBOŠNICE DO MIRIČINE

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Sprečanska depresija pripada neotektonskom području Panonskog basena, predisponiranom neotektonskim kretanjima alpske orogeneze. Morfološki i geotektonski je složena sredina nastala kao posljedica složenih endodinamičkih i geomorfoloških procesa. Ispunjena je miocenskim i pliocensko-kvartarnim sedimentima. Depresija je sa sjevera i sjeveroistoka odvojena od Semberije i donje Posavine planinskim horstovima Trebave i Majevice. Sa jugozapada je ova depresija od dolina Bosne, Krivaje i Drinjače odvojena erodovanim planinskim grebenima Ozrena, Konjuha i Javornika, a na krajnjem istočnom dijelu je odvojena od doline Drine prevojem i brdom Snagovo u kome se nalazi izvorište Spreče.

Korito rijeke Spreče u dužini od oko 8,5 km na potezu Donja Dobošnica–Miričina je neuređeno, a obale devastirane i obrasle sa vrlo čestim meandriranjem i devastacijom priobalnih dijelova kao i čestim plavljenjem. Cijela razmatrana trasa se nalazi u kvartarnim sedimentima koje čine pijesak, šljunak, glina, pjeskovita glina i zaglinjen šljunak. Ovakvi sedimenti su podložni procesima erozije, transporta te devastacije i meandriranja riječnog toka. Da bi se zaustavilo često plavljenje doline na kojoj se nalaze obradive površine i spriječila dalja devastacija korita na navedenom potezu predviđena je regulacija toka rijeke Spreče.

U ovom radu detaljno je obrađena geološko-tektonska građa, zatim hidrogeološke i inženjerskogeološke karakteristike terena na potezu Donja Dobošnica-Miričina. Za razmatrani teren urađena je detaljna geološka karta i karakterističan profil.

Ključne riječi: rijeka Spreča, korito, regulacija, devastiranje, geološko-tektonska građa, hidrogeološke, inženjerskogeološke karakteristike terena

GEOLOGICAL CONDITIONS FOR THE CONSTRUCTION OF THE RIVER SPREČA'S BASIN REGULATION ON D. DOBOŠNICA-MIRIČINE

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Spreča's depression belongs to neo-tectonic area of the Pannonian Basin, which was predisposed to Neotectonic movements of Alpine orogenesis. Morphologically and geotectonically complex area has arisen from differences of complex endogenic dynamics and geomorphologic processes. It is filled with Miocene and Pliocene-Quaternary sediments. On the north and northeast, depression is divided from Semberia and low Posavina by mountain horsts of Trebava and Majeвица. On the southwest, the depression is divided from valleys of the rivers of Bosna, Krivaja and Drinjača, by eroded mountain cliffs of Ozren, Konjuh and Javornik, and on the very east part, it is divided from the Drina Valley by fold and hill Snagovo in which the Spreča's source is situated.

The Spreča's bed in length of approximately 8.5 km on direction Donja Dobošnica-Miričina is unordered and its riversides are devastated and overgrown with very frequent meandering and devastation of coastal parts and frequent transgression as well. The whole observed trace is situated in Quaternary sediments made of sand, gravel, clay, sand clay and clayish gravel. Such sediments are subjected to processes of erosion, transport, devastation and meandering of the river's flow. In order to stop frequent transgression of the valley in which cultivated areas are situated and to prevent from further bed's devastation, the Spreča River's flow regulation has been estimated in the mentioned trace.

In this paper geological-tectonic structure has been elaborated in detail, then hydrogeological and engineering geological characteristics of the terrain in direction of Donja Dobošnica-Miričina. Detailed geologic map and characteristic profile has been done for the observed terrain.

Key words: *Spreča River, bed, regulation, devastation, geological-tectonic structure, hydrogeology, engineering geological characteristics of the terrain*