

ODREDBA RANJIVOSTI PODZEMNIH VODA SJEVEROISTOČNE BOSNE DRASTIC METODOM

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U radu je izvršena ocjena ranjivosti vodnih tijela podzemnih voda u podslivu rijeke Bosne, odnosno Spreče, zatim podslivu rijeke Drine (Drinjača), kao i dijelovi neposrednog sliva rijeke Save (čeličko područje - rijeka Gnjica i sliv rijeke Turije) DRASTIC metodom. Sva vodna tijela analizirana su sa aspekta dubine podzemnih voda, debljine krovinskih sedimenata, infiltracije, nagiba padine, koeficijenta filtracije i litološkog sastava akvifera. Za ocjenu ranjivosti podzemnih voda korištena je formula potencijala zagađenja.

Ključne riječi: vodna tijela, podzemne vode, DRASTIC metoda, sjeveroistočna Bosna

GROUNDWATER VULNERABILITY DETERMINATION OF NORTHEASTERN BOSNIA ACCORDING TO DRASTIC METHOD

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The paper assesses the vulnerability of groundwater bodies in the basin of the river Bosna and Spreča, then the river basin of the Drina river (Drinjača), as well as parts of the immediate Sava river basin (Čelić area - Gnjica river and Turija basin) by the DRASTIC method. All water bodies were analyzed in terms of groundwater depth, roof sediment thickness, infiltration, slope angle, hydraulic conductivity and lithological composition of aquifers. The pollution potential formula was used to assess the vulnerability of groundwater.

Key words: groundwater bodies, groundwater, DRASTIC method, northeast Bosnia