



**Branislav Z. PETROVIĆ, PhD, Research Associate
Geological Engineer**

Researcher at the Centre for Karst Hydrogeology
Department of Hydrogeology,
Faculty of Mining and Geology,
University of Belgrade
branislav.petrovic@rgf.bg.ac.rs

Dr Branislav Petrović rođen je 27. marta 1981. godine u Kragujevcu. Osnovne akademske studije završava oktobra 2005. godine. Doktorske akademske studije okončava 2020. godine odbranom doktorske disertacije pod nazivom „Funkcionisanje i uticaj epikarsta na režim, bilans i kvalitet podzemnih voda istočnog dela karstnog sistema Suve planine“. Branislav Petrović ima skoro 20 godina inženjersko-geološkog i hidrogeološkog iskustva u projektovanju i realizaciji istraživačkih projekata i studija, pre svega iz oblasti: projektovanja vodozahvatnih objekata; istraživanja karstnih i drugih tipova izdani; zaštite karstnih podzemnih voda; funkcionalisanja i uticaja epikarsta na karstnu izdan; organizovanja monitoring mreže podzemnih voda i izrada baza podataka podzemnih voda; procene uticaja na životnu sredinu; održivog i ekološki bezbednog korišćenje podzemnih (karstnih) voda; speleoloških istraživanja; radova na problematici sanacije brana i akumulacija itd. Kao hidrogeolog, konsultant i član projektantskih timova učestvovao je u različitim fazama istraživanja, projektovanja i izrade objekata za zahvatavanje podzemnih voda u različitim karstnim regionima (Srbija, Bosna i Hercegovina, Crna Gora), ali i drugih tipova izdani, na više od 20 projekata hidrogeoloških istraživanja, vodosnabdevanja, navodnjavanja, injektiranja i kontrole zagađenja podzemnih voda. U svojoj naučnoj karijeri, do sada je kao autor i koautor objavio 60 naučnih i stručni radovi kako u časopisima sa SCI liste i međunarodnim monografijama (ukupno 9 radova i poglavlja) tako i na međunarodnim i domaćim konferencijama. Član je Srpskog geološkog društva (SGD), kao i Komisije za karst SGD-a, član je IAH (Međunarodnog udruženja hidrogeologa) i „priatelj“ Komisije za karst IAH. Kao gostujući predavač održao je nekoliko predavanja o hidrogeologiji karsta, istraživanju karstnih izdani i inženjerskoj karstologiji na Univerzitetu „Etvő Lorand“, Budimpešta, Mađarska (Department of Physical and Applied Geology, Eötvös Loránd University) studentima osnovnih i master studija. Učestvovao je u organizaciji nekoliko međunarodnih naučnih/stručnih skupova, kao član tima i tehnički sekretar.

Dr. Branislav Petrović was born on March 27, 1981 in Kragujevac. He completed his BS/MS studies in October 2005. He completed his doctoral academic studies in 2020 defending doctoral dissertation entitled "The Functioning and Impact of Epikarst on the Regime, Balance and Groundwater Quality of the Eastern Part of the Suva Planina Mountain Karst System". Branislav Petrović has almost 20 years of engineering and hydrogeological experience in the design and implementation of research projects and studies, primarily in the areas of: design of water tapping objects; research of karst and other type of aquifers; protection of karst groundwater; the functioning and influence of the epikarst on the karst aquifer; organization of groundwater monitoring network and creation of groundwater databases; environmental impact assessments; sustainable and ecologically safe use of (karst) groundwater; speleological research; remediation works for reservoirs and dams, etc. As a hydrogeologist, consultant and member of design teams, he participated in various phases of research, design and construction of water tapping objects for groundwater in different karst regions (Serbia, Bosnia and Herzegovina, Montenegro), but also of other types of aquifers, on more than 20 hydrogeological projects for research, water supply, irrigation, injection and groundwater pollution control. In his scientific career, he has so far published 60 scientific and professional papers as an author and co-author, both in journals from the SCI list and international monographs (a total of 9 papers and chapters) and at international and domestic conferences. He is a member of the Serbian Geological Society (SGS), as well as the Commission for Karst of the SGS, a member of the IAH (International Association of Hydrogeologists) and a "friend" of the Karst Commission of the IAH. As a guest lecturer, he gave several lectures on karst hydrogeology, karst research and engineering karstology at the Department of Physical and Applied Geology, Eötvös Loránd University, Budapest, Hungary to undergraduate and master's students. He participated in the organization of several international scientific/expert meetings and conferences, as a team member and technical secretary