Name: Zoran Stevanovic
Date of birth: 29/05/1956
Nationality: Serbian

SUMMARY OF EXPERIENCE

Zoran Stevanovic is retired Professor and Head of the Centre for Karst Hydrogeology at the Department of Hydrogeology of the University of Belgrade - Faculty of Mining & Geology (FMG), Belgrade, Serbia. In retirement since October 2021. He has vast experience in implementation of research projects concern hydrogeological exploration, groundwater (GW) management, aquifer exploitation, control and protection (Algeria, Iraq, Georgia, Bhutan, Seychelles, Somalia, Ethiopia, and Balkans countries). The projects are primarily undertaken in the field of: Water resources management and evaluation; Exploration and assessment of resources of the karstic and intergranular aquifers; Sustainable development of GW sources and environmentally safe groundwater extraction; Control and engineering regulation of aquifer (optimizing tapping structures, artificial recharge); Creation of groundwater monitoring network at national/regional level; Environmental impact assessment studies; Application of EU WFD - Delineation and characterization of groundwater bodies, pressures assessment; Hydrogeological mapping; Design of tapping structures, boreholes and wells; Assessment of hydrogeological settings for dam feasibility and leakage prevention; GW protection; Mineral and thermal waters exploitation and protection.

He is Consultant of the UN organizations FAO and UNESCO, worked on, and chairing hydrogeological groups in implementation of several large projects for groundwater utilization and/or protection ("Oil for Food" in Iraq, SWALIM in Somalia, DIKTAS in ex-Yugoslavia, WOKAM at global scale). He was Chair (2016-2017) and Co-Chair (2018-2021) of the Karst Commission of International Association of Hydrogeologists (IAH). Co-Chair of the Board on Karst and Speleology and Collaborator of the Board on Environment of the Serbian Academy of Science and Arts. He is Past President of the Serbian Geological Society (SGS), founder and Chairman of the Karst Commission of the SGS. He is Member of the Scientific Society of Serbia and Member of the Academy of Engineering Sciences of Serbia. Honorary member of the Hungarian Geological Society and the Bulgarian Geological Society.

His technical solutions are applied in karst aquifer engineering regulation projects in Serbia (Bor-Timok Region; Ćuprija) and in Montenegro (Regional water supply of Adriatic Coast). In Iraq he acted as Head of FAO Groundwater Unit in charge of complex geological and geophysical surveys, drilling of some 500 deep wells used for irrigation purpose and mitigation of drought consequences, creation of 25 geological and hydrogeological maps (1:500.000 -100.000 scales), establishment of GW network (some 300 water points) as well as creation of GW Database. In Bhutan he was responsible for developing groundwater sources for irrigation of paddy fields, in northern Georgia for finding alternative water solutions in conflict zone with South Ossetia. His expertise also covered water supply projects and search for new water sources in Algeria, Ethiopia and Seychelles. He directed hydrogeological mapping and water resources assessment in Somali provinces Somaliland, Puntland and Gedo. In Algeria and Iraq, he did assessment of water tightness of dams and reservoirs as well as prepared several environment impact assessment studies. He was also responsible for groundwater assessment and application of EU WFD in River Basin Management Plans (RBMP) in Bosnia & Herzegovina (Sava River basin) and Montenegro (RBMPs for Danube and Adriatic basins). In North Macedonia he created concept of national GW Data Management System. His conception and design of national GW monitoring network being successfully applied in Serbia, Montenegro, Northern Iraq and Northern Somalia. He undertook GW protection studies resulted in delineation of sanitary protection zones that being applied at several water sources, which supplying potable waters to towns in Serbia, Bosnia & Herzegovina and Montenegro. As UNESCO Consultant he was employed in project DIKTAS (Dinaric Karst Transboundary Aquifer System). As an experienced hydrogeologist with vast experience in countries of SE Europe, Middle East and East Africa in the KIT/BGR/UNESCO project WOKAM (World's Karst Aquifer Map) he was responsible to coordinate collection and evaluation of data of more than 40 countries. Since 2022 he is chairing globally important project of the IAH Karst Commission "Most Important Karst Aquifer Springs" which aims at gathering and presenting the most important karst springs at the global level, and is coordinating work of more than 100 engaged national experts (www.mikasproject.org).

Although the main activity in his career is related to technical matters and teaching, Zoran Stevanović also contributed to groundwater regulations and water management policy in several projects. As such, he presented his findings and evaluations in chapters in international monographs or journal's articles, which among others include topics on sustainable groundwater use, prevention of overexploitation, creation of groundwater monitoring network, aquifer vulnerability assessment, delineation of sanitary protection zones in karst, regulatory (bylaw) acts and action plans in the River basin management plans, and practical application of EU methodology and standards in domain of assessing pressures on aquifer systems, and Nitrate,

Flooding directives. He also wrote a book "Groundwater Management" (in Serbian), which is used as a textbook or supplementary material in the groundwater schools in the region.

Participant in many international cooperative research programmes and experts exchange (France, Slovakia, Romania, Bulgaria, China, Slovenia. etc). Member of Scientific and Organizing Committees of more than 40 professional national and international events. Invited lecturer or honourable guest of the conferences held in Greece, Romania, Bulgaria, Italy, Croatia, Spain, Hungary, Bosnia & Herzegovina, Slovenia. Member of the examination panels and invited lecturer at the Universities in Romania, Iraq, Italy, Hungary, China, Iran, Germany, USA, Slovenia, Spain, Austria. Member of the Assembly of the University of Belgrade and the Scientific council on technical sciences 2006-2013. Award of the Serbian Geological Society in 1991 and 2021, award 'Branislav Milovanovic' in 2004, a few gratitude certificates issued by the universities, research centres and scientific societies (Italy, China, USA, Hungary, Spain, Bosnia & Herzegovina). In 2023 he got Special award of Centre for Karst Hydrogeology as its founder and promoter at international level. Recipient of the international awards "EUROKARST 2022" and "Applied Hydrogeology Award" of the IAH for the year 2024. Z. Stevanović is the first recipient from Central and Eastern Europe of the "Applied Hydrogeology Award" of the IAH. In this award certificate is among others acknowledged his contribution to the international project (*see last page of CV*).

Zoran Stevanovic published 400 papers, out of which 48 in SCI journals. He wrote and edited or co-edited twenty monographs and four text-books. The most cited are the Elsevier Monograph "Groundwater Hydrology of Springs: Engineering, theory, management and sustainability" (2010), Springer practical guidebook "Karst aquifer - Characterization and engineering" (2015), CRC monograph "Karst without boundaries" (2016), The Groundwater Project's book "Karst: Environment and Management of Aquifers" (2024).

EDUCATION

1982-1987	**Doctorate (PhD)** in geology: Faculty of Mining & Geology, the University of Belgrade (Thesis: Hydrogeology and utilization of karstic aquifers of Eastern Serbia in water supply)
1979-1982	**Magisterium** in Hydrogeology: Faculty of Mining & Geology, the University of Belgrade
1974-1979	**Bachelor Science** in Hydrogeology: Faculty of Mining & Geology, the University of Belgrade

TEACHING EXPERIENCE

Professor at Faculty of Mining & Geology (FMG), University of Belgrade since 1998 until 2021;

* *Courses at undergraduate studies:*
Methods of Hydrogeological Research; Groundwater Utilization in Water Supply.

* *Courses at graduate studies*:
Management of Groundwater Resources; Scientific Researches; Characterization and Engineering of Karst Aquifers (International course and field seminar sponsored by UNESCO: www.karst.edu.rs);

Associate Professor at FMG 1993-1998

Assistant Professor at FMG 1988-1993;

Assistant at FMG 1979-1988.

PROFESSIONAL ASSOCIATIONS

- **International Association of Hydrogeologists** (IAH): member since 1988; Associate member of IAH Karst Commission (KC) since 1998; KC member since 2009; Chair of the Karst Commission (2017-2018); Co-Chair of the Karst Commission for Europe and Africa (2019-2021).
- **International Union of Geological Sciences (IUGS)**: President of the National Committee of IUGS (2012-2016).

- **Carpathian-Balkan Geological Association** (CBGA - International Association for Middle and SE Europe): Secretary of Hydrogeological Sub-commission (1987-1993), Member of the National Committee of CBGA (2009-2014).
- **Serbian Geological Society**: President of the Society (2012-2016); President of the Karst Commission (2013-); Vice-president of the Society (1998-2002); Chairman of Hydrogeological Division (1994-2000); Member of the Executive Board (1985 - 1989); Secretary of Hydrogeological Division (1983-1989).
- **Serbian Academy of Science and Arts**: Member of the Board on Karst and Speleology since 1993, Co-Chair of the Board from 2013. Collaborator of the Board on Environment since 2024.
- **Academy of Engineering Sciences of Serbia:** Associate Member since 2018. Permanent member since 2025.
- **Scientific Society of Serbia:** Permanent Member since 2016.
- **Hungarian Geological Society:** Honorary Member since 2018.
- **Bulgarian Geological Society:** Member since 2016, Honorary Member since 2025.
- **National Committee of IAH of Serbia:** Member since its foundation in 1997.
- **Society of Geological Engineers of Serbia:** Member of the Hydrogeology Section since 2012.
- **YU Federal Ministry of Development, Science and Environment:** Expert of the Ministry until the year 2000.

COUNTRY EXPERIENCE

Country	Time period
Serbia	1979-2021 (break in 2000-2003)
ex-Yugoslavia countries (Montenegro, Bosnia & Herzegovina, Northern Macedonia)	1979-1991 and 2005-2025
Algeria	1985, 2007
Iraq	2000-2003, 2005-2006, 2010-2011
Georgia	2009
Bhutan	2011
Seychelles	2011
Somalia	2011-2012, 2016
Ethiopia	2014

LANGUAGE SKILLS

Language	Reading	Speaking	Writing
English	5	5	4
French	4	2	2
Russian	4	2	2
Bosnian, Croatian, Montenegrian	5	5	5
Serbian (mother tongue)	5	5	5

PROFESSIONAL EXPERIENCE

Date from - Date to	Location	Company / Institution	Position	Description
1979-2021	Belgrade	University of Belgrade-Faculty of Mining & Geology	Professor (fulltime)	Employee
1997-1998	Belgrade	Geozavod (Geological Survey of Serbia) Belgrade	Consultant	Part time
2000-2003	Erbil, Iraq	FAO/UN Rome	Consultant, Technical Officer, Head of Groundwater Unit of FAO Programme in Northern Iraq	Contract
2005-2009	Belgrade / London	ITSC Ltd. / IK Consulting	Consultant	Temporary / per projects
2009-2016	Several countries	UNESCO, FAO, FAO-SWALIM	Consultant, Expert	Contract, Mission, Expertise
2010-2019	Several countries	RPD Ltd. Mahe, Seychelles; Eptisa SEE; Hydroplan-Sarajevo; CloZEd Loop Energy AG, Luzern, Switzerland; SUEZ-Safege-Eptisa; Ces.TRA.	Consultant	Temporary / per projects

DETAILED PROJECT EXPERIENCE

Title	Institution	Duration	Position	Objective
Hydrogeological exploration in Smederevska Palanka and Palanacki kiseljak mineral source (Serbia)	FMG	Several phases during 1979-1987	Hydrogeologist	Study for optimizing water supply and protecting the mineral water source
Le rapport des recherches hydrogeologiques en region de Laghouat (Algeria)	The Highway Institute, Belgrade	1985	Hydrogeologist	Hydrogeology study for solutions in water supply
Le rapport des recherches hydrogeologiques en region de Oum el Bouaghi (Algeria)	The Highway Institute, Belgrade	1985	Hydrogeologist	Hydrogeology study for solutions in water supply
Water sources protection study (Nemanja, Serbia; Nikolina voda, Bosnia & Herzegov.)	FMG and the Institute of Health protection of Serbia	1982, 1984	Hydrogeologist	Sanitary protection zones of the springs utilized for water supply
Aquifer control of Beljevina & Zlotska reka (Serbia)	FMG	1985-1989	Hydrogeologist	The new tapping structures to expand capacity of the sources for water supply of Bor town
Semi-confined karstic aquifers of Eastern Serbia	FMG *Under patronage of Fund for geol. exploration of Serbia*	1985-1988	Team Leader	Feasibility study for improving water supply of the large towns and industry in the region
Basic Hydrogeological Map of Serbia (sheets: Boljevac, Zagubica, Bor)	FMG *Under patronage of Fund for geological exploration Serbia*	1988-2001	Team Leader	Methodology, field survey and data evaluation: Maps and Guide book
Regional water supply system "Bogovina" (Serbia)	FMG and Institute for water Management "J. Cerni" *Under patronage of Ministry of WR*	Several phases during period 1990-1997	Chief hydrogeologist	A new intake structure (system of the wells) for regional water supply of the Timok region
Lithospheric water mineral resources of Serbia	Board of Astro and Geo Sciences of the *Ministry of Science of Serbia*.	1991-1995 and 1996-1999	Team Leader	Scientific research project for assessing groundwater resources of Serbia and optimize their use
Aquifer control of Nemanja source (Serbia)	FMG	1999-2000	Team Leader	New tapping structures for control of aquifer supplying town of Cuprija
Sustainable groundwater use for irrigation purposes in Northern Iraq	FAO / UN (in Northern Iraq)	2000-2003	Technical officer and Head of Groundwater Unit in Water Resources and Irrigation Sector	Complex geological and geophysical surveys, 500 new deep wells, 25 geol. and hydrogeol. maps (1:500.000 -100.000), establishment of GW network (300 water points) creation of GW Database

Remedial measures in water use practices of drought affected areas (N.Iraq)	FAO / UN (in Northern Iraq)	2001-2003	Technical officer and Head of Groundwater Unit in Water Resources and Irrigation Sector	Construct more than 100 deep and 200 shallow wells and numerous tapping structures to mitigate the drought in the region
Assessment of water resources and drilling of wells for sustainable use – 3-year programme for Northern Iraq	FAO / UN (in Northern Iraq)	2003	Technical officer and Head of Groundwater Unit in Water Resources and Irrigation Sector	Strategy for exploration, GW management and sustainable use as well as monitoring of water extraction effects
Water project - Bottling of promising sources of Serbia & Montenegro	Common Sens / Coca Cola	2004	Chief Hydrogeologist	2-stage study for evaluate and select most promising sources for water bottling
ICPDR project (International Cooperation Project for Danube River)	Institute for water Management "J. Cerni"	2004	Hydrogeologist Consultant	Characterization and delineation of groundwater bodies in Eastern Serbia in accordance with EU WFD
Environmental impact assessment study - Bekhme dam planning report (Iraq)	ITSC (in Iraq)	2005	Hydrogeologist Consultant	Study and base documentation to assess and mitigate the impact of the designed large dam
Hydrogeology and prospective in groundwater supply of four selected municipalities in Vojvodina (Serbia)	IK Consulting, Ehting and TZW (Germany)	2006-2008	Hydrogeologist Consultant	Assessment report and two research projects to improve water supply in the region
Environmental impact assessment study - Taq Taq dam planning report (Iraq)	ITSC (in Iraq),	2006	Hydrogeologist Consultant	Study and base documentation to assess and mitigate the impact of the designed large dam
Water resources assessment of regional groundwater sources of Serbia – control and development of aquifers	FMG, Inst. J.Cerni and Geological Survey of Serbia *Under patronage of Min Envir. and Direct. of water of Serbia*	2006 - 2011	Team Leader of FMG	Implementation of EU WFD, assessment and protection of groundwater resources
Groundwater monitoring network and Aquifer vulnerability map of Serbia	FMG, Inst. J.Cerni and Geolog.Survey of Serbia *Under patronage of Min Envir. and Directorate of water of Serbia*	2006 – 2011	Team Leader of FMG	Implementation of EU WFD, establishment of new Groundwater monitoring network and regional groundwater vulnerability map 1:500.000
Raport d'expertise Barrages: Hammam Grouz, Saf Saf, Ourkiss (Algeria)	ANTB (*National Agency for Dams and Water Transfer*) Algeria	2007	Hydrogeologist Consultant	Water tightness assessment of the three reservoirs in Algeria and proposal for remedial measures
SUDEHSTRA (Sustainable Development of Hungarian – Serbian Transboundary Aquifer) INTERREG	EAR (EU Delegation), FMG, ATIKOVIZIG (HU) and Szeged University (HU)	2007-2008	Project Manager	Transboundary water management, groundwater modelling and sustainability

Karst and karst waters of Western Balkan	*Serbian Academy of Science and Bulgarian Academy of Science*	2007 – 2009	Team leader of the Serbian expert team	Transboundary water management and aquifer vulnerability map
Water supply of Montenegrian coast – Bolje sestre source (Skadar basin)	IK Consulting, Scott & Wilson	2006 - 2009	Hydrogeologist Consultant	New intake structure for regional water supply of coastal area of Montenegro (Adriatic Sea)
Rehabilitation and modernization of irrigation of Shida Kartli region, Georgia	FAO / UN	2009	Water Resources Consultant	Remedial measures and modernization of the irrigation system (post-war remedy)
Optimization of sub-geothermal water resources of Serbia	*Ministry of Science & Technology of Serbia*	2008-2010	Team Leader	Utilization of sub-thermal waters for heating and cooling purposes & increase energy efficiency
Climate Changes and Water Supply (CCWaterS)	SEE Programme ERDF & IPA	2009-2012	Team Leader of the Serbian expert team	Intern. project involving 18 inst. from 9 European countries for assessing impact of climate changes on water resources and prepare mitigation plan for large consumers
Environmental impact assessment study – Khazer – Gomel (Iraq)	IK Cons. Eng. & ITSC (Iraq)	2009/10	Hydrogeologist Consultant	Study and documentation for mitigate the impact of the designed dam and irrigation of service area
Preliminary report on availability of groundwater resources in alluvial formations of Danube River in Backa region (Serbia)	EPTISA Grupo Espagna (Spain)	2009	Hydrogeologist Consultant	Feasibility Study -Component of municipal infrastructure support programme for selected municipalities in N & W Vojvodina (Serbia)
Hydrogeology for the project of drinking water plant and water supply of the settlements of Vrbas municipality	Tahal (Israel) – Fideco d.o.o.	2010	Hydrogeologist Consultant	Hydrogeological assessment and feasibility for expansion of exisiting and opening of new local groundwater sources
Environmental impact assessment study – Bekhme – Mindawa planning reports (Iraq)	IK Cons. Eng. & ITSC (Iraq)	2010/11	Hydrogeologist Consultant	Study and base documentation for mitigate the impact of the designed dams under different dam heights
Preliminary hydrogeological assessment of selected areas in Samtse Dzongkhag, Bhutan	FAO NRL Rome in cooperation with *Ministry of Agriculture Royal Government of Bhutan*	2011	Senior International Hydrogeologist	Assessment of groundwater availability and proposal for GW tapping
Technical specification of drilling and groundwater testing in Ugyentse Geog, Bhutan	FAO NRL Rome in cooperation with *Ministry of Agriculture Royal Government of Bhutan*	2011	Senior International Hydrogeologist	Design and project for groundwater testing and tapping for irrigation purposes in designated area
Hydrogeology of Mahe Island, Seychelles	Royal Palm Development Company Ltd, Victoria, Seychelles	2011	Hydrogeology Expert	Groundwater assessment with special emphasis on water bottling and supplying groundwater to the desalinization plants

SWALIM – Somalia water and land information system - Hydrogeological Assessment of Somaliland and Puntland	EU and UNICEF in cooperation with FAO as implementing agency (SWALIM Unit for Somalia)	2011-2012	International Hydrogeology Consultant - Team Leader	Groundwater (GW) assessment, HG mapping, remote sensing and GIS GW database. Establishing the national GW monitoring network and solutions to improve water supply in urban and rural areas
DIKTAS – Dinaric karst transboundary aquifer management	Croatia, B & H, Montenegro, Albania partners / UNESCO & GEF funded project	2011-2015	International Hydrogeology Consultant	Sustainable groundwater use and management of transboundary karst aquifer of Dinaric system (Croatia, B&H, Montenegro, Albania)
WOKAM – World karst map	KIT – University of Karlsruhe, Germany and BRG – Geological Survey of Germany, UNESCO	2012-2017	Member of Advisory Board, reponsible for 47 countries of C,SE Europe, Near and Middle East and E Africa	Creation of GIS Data base of main karstic speleo features and water objects and mapping of different types of karst
Hydrogeology of Jarer and Fafem Valleys, Etrhiopia	UNESCO	2014	Team Leader	Evaluation of exisiting data and proposals for local aquifers sustainable development
Creation of new, extended groundwater monitoring network of Serbia	Republic Hydrometeorological Survey of Serbia	2015	Team Leader	Analyses and optimization of a new GW monitoring network in compliance with EU WFD
CC - Ware	Institute for water Management “J. Cerni”	2013-2014	Consultant in Groundwater Resources Management	International project of 17 partners from 10 SEE countries – South East Programme and funded from IPA.
Africa GW Atlas	British Geological Survey	2014-2015	Ad Hoc Consultancy	Expertise for GW distribution and utilization in Somalia
River basin Management Plan of Sava River basin in Bosnia & Herzegovina	Eptisa- Spain, Hydroplan - Sarajevo	2014 - 2016	International consultant	Delineation and grouping of groundwater (GW) bodies, Aquifer vulnerability map and risk management, Programme of Measures, creation of GW monitoring network in Federation of B&H, Republic of Srpska and Brčko District
SWALIM – Somalia water and land information system - Hydrogeology assessment of the Gedo Region	EU and UNICEF in cooperation with FAO as implementing agency (SWALIM Unit for Somalia)	2016	Team Leader	Groundwater assessment and sustainability, identification of prospective zones for groundwater tapping, programme for improvement of local water practice

GOSPEL – Geothermal Serbian Pilot Project for Heat and Electricity	ES Geothermie, Strasbourg, France and FMG	2016-2018	Team Leader of FMG	Assessment of geothermal potential of Serbia and selection of three most appropriate sites for designing and developing geothermal projects
CHPM2030 – Combined Heat, Metal and Power Production	European Federation of Geologists / EU Project H2020	2016-2018	Team Leader	The project aims at new concepts coupling the production of geothermal energy and metals and improving the economic viability of EGS projects.
Operational monitoring of groundwater in Republic of Serbia	Ministry of Environment Protection of Republic of Serbia	2017-2020	Team Leader	Operational monitoring and assessment of quantitative and qualitative pressures on delineated groundwater bodies in accordance to EU WF Directive
Strengthening the Capacities for the Implementation of Water Framework Directive in Montenegro	Consortium Suez – Safege - Eptisa	2017-2023	Hydrogeologist - Consultant	European Union EU AID project for implementation of EU WFD, delineation of groundwater bodies and assessment of pressures on aquifer systems for River Basin management Plans for Adriatic and Danube basins
West Balkans Drina River Basin Management Project (WBDRB)	Ces-TRA, World bank, Ministry of Agriculture and Rural Development of Montenegro	2018-2019	Team Leader of Task 2 - Hydrogeology	Assessment of climate change impacts on groundwater in Drina River Basin in Montenegro, hydrogeological and vulnerability mapping, programme of mitigation measures
Groundwater Data Management of North Macedonia	Federal Department of Foreign Affairs of Switzerland / Embassy in North Macedonia	2019	Team Leader	Preparation of the Concept of Groundwater Data Management / National Groundwater Register of North Macedonia
CROWDTHERMAL	European Federation of Geologists / EU Project H2020	2019-2022	Team Leader of the Serbian Geol. Society	The project aims promoting production of geothermal energy at local community level
Protection and groundwater resources availability of karst systems in Western Serbia	Cities: Prijepolje, Sjenica, Priboj	2019 - 2023	Team Leader of the FMG team	Assessment of water resources and establishment of sanitary protection zones of several karst sources in Dinaric karst of West Serbia

KARMA / MEDKAM (Mediterranean Karst Aquifer Mapping)	EU funded project PRIMA programme, Consortium of EU institutions led by KIT, Karlsruhe	2020 - 2022	External project advisor	Preparation of set of maps for karst aquifers in the Mediterannean area: distribution, vulnerability to pollution, sustainable use and stresses
Support to Implementation and Monitoring of Water Management, Montenegro	Eptisa Europe	2020 - 2022	Senior Hydrogeologist Consultant	Implementation of several EU Directives in MNE (Nitrate, Flood, Marine and Bathing) and expansion of GW Monitoring network
Monitoring, control and protection of the regional water supply source "Bolje sestre" for Montenegro Coast	IPA Cross-Water Project, Regional Waterworks for MNE Coast	2021-2023	Team Leader of the International Consortium (MNE, SRB, AT,GER)	Monitoring network design, sanitary protection zones establishment and ensuring capacity, feasibility study
Most Important Karst Aquifer's Springs ' MIKAS	IAH Karst Commission Supported by UNESCO	2022-2026	Team Leader, Chief of Advisory Board	Collect information on globally and nationally most important karst springs in more than 150 "karst" countries in order to ensure their promotion and protection
Sustainable Sediment Management in Montenegro Morača River and the Bolje Sestre spring and resilience of coastal water supply	World Bank project	2024	Short term Consultant	Overview on key drivers, pressures, current status and impacts of the sediment regime. Action plan with main drivers, pressures and impacts, and priority measures to improve the sediment regime in the Morača basin for restoring the sediment regime and discharge of the Bolje Sestre spring
Assessment on drought preparedness, management and planning in Serbia	World Bank project – Intern. Institute for Applied Systems Analysis (IIASA, Vienna)	2024	National Consultant	Stock-taking analysis and outlook of drought policies, planning and management in non-EU Member States of the Danube Region (Serbia case)
Groundwater research of the Republic of Serbia	Ministry of Environmental Protection of Serbia	2024-2025	Team Leader	Continuation of the project of Operational monitoring of groundwater, assessment of groundwater origin and geogenic factors, proposal of threshold values
Stabilizing and improving capacity of the "Bolje Sestre" water source for Montenegrin Coast	Regional Waterworks for MNE Coast, Geoprojekt - Podgorica	2024-2026	Consultant	Analysing hydrogeological settings and applying technical measures to improve groundwater utilisation, define sanitary protection zones of the source.

PUBLICATIONS (selected)

A) Monographs

1. Stevanović Z. (1991) Hidrogeologija karsta Karpato Balkanida istočne Srbije i mogućnosti vodosnabdevanja (Karst Hydrogeology of Carpathian-Balkanides of Eastern Serbia and Water Supply Opportunities). Spec. ed. FMG, p. 245, Belgrade
2. Stevanović Z., Filipović B. (eds.) (1994) Ground waters in carbonate rocks of the Carpathian – Balkan mountain range (). Spec. ed. of Carpathian-Balkan Geol. Assoc., p. 237, Allston, Jersey
3. Stevanović, Z. (ed.) (1995) Vodni mineralni resursi litosfere Srbije (Litospheric water mineral resources of Serbia). Spec. ed. FMG, ., Univ. Bgd, p. 340, Belgrade
4. Stevanović, Z. (ed.) (1997) 100 godina hidrogeologije u Jugoslaviji (100 Years of Hydrogeology in Yugoslavia), Vol. 1 (p. 368) and Vol. 2 (p. 330), Spec. ed. FMG, Univ. Bgd, Belgrade
5. Stevanović Z., Polomčić D. (eds.). (2000) Hydrogeological research of litosphere in Serbia. Spec. ed. Fac. Min.Geol., Univ. Bgd, p. 217, Belgrade
6. Stevanović Z., Marković M. (2004) Hydrogeology of Northern Iraq. Vol 1: Climate, hydrology, geomorphology and geology. Spec. Publ. of FAO / UN, p. 122 (63 annexes), Rome
7. Stevanović Z., Iurkiewicz A. (2004): Hydrogeology of Northern Iraq. Vol. 2 (General hydrogeology and aquifer systems. Spec. Publ. of FAO / UN, p. 175 (62 annexes), Rome
8. Stevanović Z., Milanović P. (eds.) (2005) Water resources and environmental problems in karst. Proceedings of IAH Intern. conf. KARST 2005, p. 888, Belgrade
9. Stevanović Z., Mijatović B. (eds.) (2005) Cvijić and karst / Cvijić et karst. Monograph, Spec. ed of Board of Karst and Speleology SANU, p. 405, Belgrade
10. Maran, A. and Stevanović, Z. (2009): Iraqi Kurdistan environment - An invitation to discover, IK Consulting, Belgrade & ITSC, p.210, London
11. Kresic, N. and Stevanović, Z. (Eds.) (2010): Groundwater hydrology of springs: Theory, management, and sustainability, Elsevier, p. 574, Burlington-Oxford
12. Stevanović, Z. (2010): Management of karstic aquifer of regional water system „Bogovina"(Eastern Serbia) / Regulacija karstne izdani u okviru regionalnog vodoprivrednog sistema „Bogovina". Monograph, Faculty of Mining & Geology, University of Belgrade, p. 247, Belgrade
13. Stevanović, Z., Ristić-Vakanjac, V. and Milanović, S. (eds.) (2012): Climate changes and water supply (SE Europe Cooperation Programme), Spec. ed., Faculty of Mining & Geology, p.556, University of Belgrade, Belgrade
14. Stevanović, Z. (ed.) (2015): Karst aquifers - Characterization and engineering, Series: Professional Practice in Earth Science, Springer International Publishing, 692 pp., Cham, Heidelberg, NY, Dordrecht, London
15. Stevanović, Z., Kresic, N. and Kukuric, N. (2016) (Eds.): Karst without boundaries, IAH Selected Papers edition, p. 376, CRC Press, Taylor & Francis Group.
16. Milanović S., Stevanović Z. (2018): Karst 2018 – Expect the Unexpected. Proceedings of the Intern. Conf. p. 458, Trebinje, Publ. Centre for Karst HG, Belgrade
17. Stevanović Z., Blagojević M. (2021): Hydrogeology and Climate Changes Impact on Aquifer Systems of Drina River Basin. p. 315. Ministry of Agriculture, Forestry and Water Management of Montenegro, Podgorica
18. Stevanović Z., Dinić M. (2021): „Milutin Milanković: The Past 100 Years, and the Future", Proceedings of the Online Symposium, p. 290, Assoc. „Milutin Milanković", Belgrade
19. Krešić N., Stevanović Z. (2021): Lands of Karst, A Visual Story, Blue Ridge Press LLC Warrenton, VA, USA and Centre for Karst Hydrogeology, Belgrade. Also available as an electronic book on Amazon.com. Library of Congress Control No. 2021936791. ISBN 978-0-578-89049-4
20. Stevanović Z., Gunn J., Goldscheider N., Ravbar N. (2024) Karst: Environment and Management of Aquifers. The Groundwater Project, Guelph, Ontario, Canada. https://gw-project.org/books/karst-environment-and-management-of-aquifers/. https://doi.org/10.62592/AWCU2984

B) Papers and articles published in SCI journals

1. Stevanović Z., Dragišić, V., 1998: An example of identifying karst groundwater flow. *Environmental Geology,* 35 (4): 241-244, Springer-Verlag
2. Stevanović Z, Jemcov I, Milanović S, 2007: Management of karst aquifers in Serbia for water supply, *Environmental Geology*, 51, 5: 743-748, ISSN 0943-0105, Springer

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Complete list of 396 articles published until year 2023 is available at web site of the Centre for Karst Hydrogeology FMG: http://www.karst.edu.rs/documents/pdf/cv/CV%20%20ZStevanovic%2009-2019%20%20Web%20site%20FMG%20Engl.pdf

OTHERS

- UNESCO Evaluator of Educational Centers (IRCK; China)
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- Member of the Editorial Board of four geological journals (*Annales géologiques de la Peninsule Balkanique, University of Belgrade Serbia; Engineering Geology and Hydrogeology - Geological Institute of Bulgarian Academy of Science, Sofia, Review of the Bulgarian Geological Society - Bulgarian Academy of Sciences, Sofia, Waters of Montenegro - Regional Waterworks for Montenegro Coast, Podgorica)*

Zoran Stevanovic Date: 3/14/26

International Association
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Certificate

Applied Hydrogeology Award 2024

The Applied Hydrogeology Award of the International Association of Hydrogeologists is presented annually to a person who is a groundwater professional and has made outstanding contributions to the application of hydrogeology, particularly in developing countries or in support of international development efforts. The Award for 2024 is presented to

Zoran Stevanović

Zoran Stevanović is Professor of the University of Belgrade, Serbia, retired since 2021. He studied Geology at the University of Belgrade where he was awarded his BSc in 1979, his MSc in 1982 and his PhD in 1987.

Prof Stevanović has made outstanding contributions to countless water supply projects, helping to raise living standards in low- and middle-income countries across the world. His commitment to transboundary water resources projects in the Dinaric Karst Region has contributed to peaceful co-operation between these countries. His technical solutions are routinely applied in karst aquifer engineering regulation projects.

As Head of the FAO Groundwater Unit in Iraq Zoran guided complex hydrogeological works for irrigation and mitigating drought. In Bhutan he developed groundwater sources for irrigation, in northern Georgia on alternative water solutions in conflict zones, in Algeria, Ethiopia and The Seychelles on water supply projects. He coordinated hydrogeological mapping and water resources assessment in Somaliland, Puntland and Gedo. In Algeria and Iraq, he conducted engineering and environmental assessments of dams and reservoirs. He devised the national groundwater data management system for North Macedonia, Bosnia & Herzegovina and Montenegro. His network design for groundwater monitoring was applied in Serbia, Montenegro, Northern Iraq and Northern Somalia.

He has published more than 350 papers, four text-books, authored and edited 20 monographs including *Karst aquifer - Characterization and engineering* (Springer) and *Karst without boundaries* (CRC). He served as Chair of the IAH Karst Commission and is the Co-Chair of the Board on Karst and Speleology of the Serbian Academy of Science and Arts. He chairs IAH's Karst Commission project "Most Important Karst Aquifer Springs", coordinating the work of more than 100 national experts. He is Past President of the Serbian Geological Society, Permanent member of the Scientific Society of Serbia and Corresponding member of the Academy of Engineering Sciences of Serbia. He is an Honorary Member of the Hungarian Geological Society and member of the Bulgarian Geological Society.

Prof. Zoran Stevanović is a worthy recipient the IAH Applied Hydrogeology Award.

David Kreamer
President

Jane Dottridge
Secretary General