

Some of the important projects executed by Centre's staff:

Title	Institution	Duration	Members of Centre	Objective
Hydrogeological exploration in Smederevska Palanka and Palanacki kiseljak mineral source (Serbia)	FMG	Several phases during 1979-1987	Z.Stevanovic	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	Z.Stevanovic	Hydrogeology study for solutions in water supply
Le rapport des recherches hydrogeologiques en region de Oum el Bouaghi (Algeria)	The Highway Institute, Belgrade	1985	Z.Stevanovic	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	Z.Stevanovic	Sanitary protection zones of the springs utilized for water supply
Aquifer control of Beljevina & Zlotska reka (Serbia)	FMG	1985-1989	Z.Stevanovic	The new tapping structures to expand capacity of the sources for water supply of Bor town
Semi-confined karstic aquifers of Eastern Serbia	FMG <i>Under patronage of Fund for geological exploration of Serbia</i>	1985-1988	Z.Stevanovic	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 <i>Under patronage of Fund for geological exploration Serbia</i>	1988-2001	Z.Stevanovic	Methodology, field survey and data evaluation: Maps and Guide book
Regional water supply system "Bogovina" (Serbia)	FMG and Institute for water Management "J. Cerni" <i>Under patronage of Ministry of WR</i>	Several phases during period 1990-1997	Z.Stevanovic	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	Z.Stevanovic V.Risic Vakanjac	Scientific research project for assessing groundwater resources of Serbia and optimize their use
Aquifer control of	FMG	1999-2000	Z.Stevanovic\	New tapping structures

Nemanja source (Serbia)			S.Milanovic	for control of aquifer supplying town of Cuprija
Sustainable groundwater use for irrigation purposes in Northern Iraq	FAO / UN (in Northern Iraq)	2000-2003	Z.Stevanovic	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	Z.Stevanovic	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	Z.Stevanovic	Strategy for exploration, GW management and sustainable use as well as the monitoring the water extraction effects
Water project - Bottling of promising sources of Serbia & Montenegro	Common Sens / Coca Cola	2004	Z.Stevanovic	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	Z.Stevanovic	Characterization and delineation of groundwater bodies in Eastern Serbia in accordance with EU WFD
Hydrogeology and prospective in groundwater supply of four selected municipalities in Vojvodina (Serbia)	IK Consulting, Ehting and TZW (Germany)	2006-2008	Z.Stevanovic	Assessment report and two research projects to improve water supply in the region
Environmental impact assessment study - Bekhme dam planning report (Iraq)	ITSC (in Iraq)	2005	Z.Stevanovic	Study and base documentation to assess and mitigate the impact of the designed large dam
Environmental impact assessment study - Taq Taq dam planning report (Iraq)	ITSC (in Iraq),	2006	Z.Stevanovic	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	FMG, Inst. J.Cerni and Geological Survey of Serbia <i>Under patronage of Min Envir. and</i>	2006 - on going	Z.Stevanovic V.Risitic Vakanjac S.Milanovic B.Petrovic	Implementation of EU WFD, assessment and protection of groundwater resources

and development of aquifers	<i>Directorate od water of Serbia</i>			
Groundwater monitoring network and Aquifer vulnerability map of Serbia	FMG, Inst. J.Cerni and Geolog.Survey of Serbia <i>Under patronage of Min Envir. and Directorate of water of Serbia</i>	2006 – On going	Z.Stevanovic S.Milanovic Lj.Vasic B.Petrovic	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	Z.Stevanovic S.Milanovic	Watertighness 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	Z.Stevanovic S.Milanovic	Transboundary water management, groundwater modeling and sustainability
Karst and karst waters of Western Balkan	Serbian Academy of Science and BulgarianAcademy of Science	2007 – 2009	Z.Stevanovic S.Milanovic	Transboundary water management and aquifer vulnerability map
Water supply of Montenegrin coast – Bolje sestre source (Skadar basin)	IK Consulting, Scott & Wilson	2006 - 2009	Z.Stevanovic	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	Z.Stevanovic	Remedial measures and modernization of the irrigation system (postwar remedy)
Optimization of sub-geothermal water resources of Serbia	Ministry of Science & Technology of Serbia	2008-2010	Z.Stevanovic	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	Z.Stevanovic S.Milanovic V.Risic Vakanjac Lj.Vasic	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	Z.Stevanovic	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	Z.Stevanovic	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	Z.Stevanovic	Hydrogeological assessment and feasibility for expansion of existing and opening of new local groundwater sources
Environmental impact assessment study – Bekhme – Mindawa planning reports (Iraq)	IK Cons. Eng. & ITSC (Iraq)	2010/11	Z.Stevanovic	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	Z.Stevanovic	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	Z.Stevanovic	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 Islands	2011	Z.Stevanovic	Groundwater assessment with special emphasis on water bottling and supplying groundwater to the desalinization plants
DIKTAS – Dinaric karst transboundary aquifer management	Croatia, B & H, Montenegro, Albania partners / UNESCO & GEF funded project	2011-	Z.Stevanovic	Sustainable groundwater use and management of transboundary karst aquifer of Dinaric system (Croatia, B&H, Montenegro, Albania)
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-	Z.Stevanovic S.Milanovic	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
CC - Ware	Institute for water Management “J. Cerni”	2013-2014	Z.Stevanovic S.Milanovic	International project of 17 partners from 10 SEE countries – South East Programme and funded from IPA.
WOKAM – World karst map	KIT – University of Karlsruhe, Germany and BRG – Geological Survey of Germany, UNESCO	2012-2017	Z.Stevanovic	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	Z.Stevanovic	Evaluation of existings data and proposals for local aquifers sustainable development
Creation of new, extended groundwater monitoring network of Serbia	Republic Hydrometeorological Survey of Serbia	2015	Z.Stevanovic S.Milanovic V. Ristic Vakanjac V. Marinovic	Analyses and optimization of a new GW monitoring network in compliance with EU WFD
Project of Detailed Hydrogeological Investigation of Seljašnica Karst Groundwater Source	Public Utility Company "Lim"; Prijepolje, Serbia	2015 -	Z.Stevanović B. Petrović, V. Marinovic Lj. Vasić S.Milanović	Karst groundwater budget assessment and determination of sanitary protection zones of Seljašnica karst groundwater source
River basin Management Plan of Bosnia & Herzegovina	Eptisa- Spain, Hydroplan - Sarajevo	2014 -	Z.Stevanovic V. Marinovic	Delineation and grouping of groundwater (GW) bodies, Aquifer vulnerability map and risk management, GW monitoring network in Federation of B&H and Rep. of Srpska
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	Z.Stevanovic	Groundwater assessment and sustainability, identification of prospective zones for groundwater tapping, programme for improvement of local water practice
CHPM2030 – Combined Heat, Metal and Power Production	European Federation of Geologists / EU Project H2020	2016-	Z.Stevanovic	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-	Z.Stevanović B. Petrović, V. Marinovic Lj. Vasić S.Milanović	Operational monitoring and assessment of quantitative and qualitative pressures on delineated groundwater bodies in accordance to EU WFDirective
Strenghtening the Capacities for the Implementation of Water Framework Directive in Montenegro	Consortium Suez – Safege - Eptisa	2017-	Z.Stevanovic V. Marinovic	European Union EU AID project for implementation of EU WFD, delineate groundwater bodies and assess pressures on aquifer systems