Table. 9.8 Mentor competence

Name and surname		Milenic R. Dejan	
Title		Full Professor	
Narrow scientific, artistic and professional field		Hydrogeology	
Academic career	Year	Institutions	Narrow scientific, artistic and professional field
Election to the title	11.03.2015.	Faculty of Mining and Geology, Belgrade	Hydrogeology
Doctorate	27.01.2004.	National University of Ireland, University College Cork, Cork, R. Of Ireland	Hydrogeology
Master			
Master of Diploma			
Graduation	26.05.1995.	Faculty of Mining and Geology, Belgrade	Hydrogeology

List of dissertations-doctoral art projects in which the teacher is or has been a mentor in the last 10 years

No.	Title of the dissertation - doctoral art project	Name of the candidate	*Reported	** Defended
1.	Hydrogeothermal Resources of the City of Belgrade	Ana Vranjes		2012

*The year in which the dissertation-doctoral art project was submitted-applied (only for dissertations-doctoral art projects that are in progress), ** The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from an earlier period of the year).)

Categorization of the publication of scientific papers in the field of a given study program according to the classification of the relevant Ministry of Education, Science and Technological Development in accordance with the supplementary requirements of the standard for a given field (minimum 5, not more than 20)

Categorization of publications of artistic references in the field of a given study program according to the classification of the Instructions for the preparation of documentation for accreditation of the study program, in accordance with the additional requirements of the standards for the given field (minimum 5, not more than 20)

1	**Milenic, D**., Vranjes, A., Vasiljevic, P. 2009: Criteria for use of groundwater as renewable energy source in geothermal heat pump systems for building heating/cooling purposes, Energy and buildings-Volume 42, Issue 5, pp. 649-657, ISSN 0378-7788, DOI:10.1016/j.enbuild.2009.11.002	M21a
2	Ćuković Ignjatović, N.; Vranješ, A.; Ignjatović, D.; **Milenić, D**.; Krunić, O. Sustainable Modularity Approach to Facilities Development Based on Geothermal Energy Potential. Appl. Sci. 2021, 11, 2691. https://doi.org/10.3390/app11062691	M21
3	Allen, A., **Milenic, D**., 2007: Groundwater Vulnerability Assessment of the Cork Harbour Area, SW Ireland, Environmental Geology, Original Article, 0943-0105 (Print) 1432-0495 (Online), DOI 10.1007/s00254-007-0670-5, Springer Berlin / Heidelberg	M21
4	Allen, A., **Milenic, D**., Sikora, P., 2003: Shallow groundwater aquifers and the Urban 'Heat Island' Effect: a source of low enthalpy geothermal energy, Geothermics Journal, Geothermics 32, 569-578	M21
5	Vieira, A., Alberdi-Pagola, M., Brala, M., Christodoulides, P., Florides, G., Insana, A., Javed, S., Maranha, J., **Milenic, D**., Prodan, I., Salciarini, D., 2022: Site characterization for the design of thermoactive geostructures. Soils and Rocks Special Issue: Thermal Applications in Geotechnical Engineering Vol 45(1):2022001022-2022, January-March, 2022	M22
6	Rman, N., Bălan, L. Bobovečki, I., Gál, N., Jolović, B., Lapanje, A., Marković, T., **Milenić, D.,** Skopljak, S., Rotár-Szalkai, A., Samardžić, N., Szőcs, T., Šolaja, D., Toholj, N., Vijdea, A., Vranješ, A. (2020); Geothermal sources and utilization practice in six countries along the southern part of the Pannonian basin. Environ Earth Sci 79, 1. https://doi.org/10.1007/s12665-019-8746-6	M22
7	Vranjes, A., **Milenic, D.,** Dokmanovic, P., 2015: "Geothermal concept for energy efficient improvement of space heating and cooling in highly urbanized area", Thermal Science, Vol.19, No.3, pp. 857-864	M22
8	**Milenic, D**., Petric, M., 2009: Groundwaters of Serbian and Slovenian dinaric karst - comparison of current status, use, vulnerability and perspectives, Acta carsologica-Volume 38/2, pp. 197-212, UDK 556.34(497.1+497.4), ISSN 0583-6050, DOI: http://dx.doi.org/10.3986/ac.v38i2-3.144	M22
9	**Milenic, D**., Milankovic, Dj., Vranjes, A., Savic, N., Doroslovac, N., 2015: Chemical composition of the thermomineral waters of Jošanička Banja Spa as an origin indicator, balneological valorization and geothermal potential, Chemical Industry, 69 (5) 537–551, ISBN 2217-7426	M23
10	**Milenic, D.,** Vranjes, A., 2014: "Geothermal potential and sustainable use of karst groundwater in urban aeras-Belgrade, capital of Serbia case study", Acta Carsologica-Vol. 43, pp. 75-88	M23
11	**Milenic, D**., Milankovic, Dj., Petric, M., Savic, N., Vranjes, A., 2014: "Integrated menagment od karstic waters-a case stydy of the Zlatibor mountain masiff, Serbia" Global NEST Journal, Vol. 16, No. 4, pp. 717- 731	M23
12	**Milenic, D**., Krunic, O., Milankovic, Dj., 2012: "Thermomineral waters of inner dinarides karst", Acta carsologica-Volume 41, pp. 235-252, ISSN 0583-6050, UDK 556.3:551.435.8 (234.42), DOI: http://dx.doi.org/10.3986/ac.v41i2-3.560	M23
13	Allen, A., **Milenic, D**., 2003: Low Enthalpy Geothermal Heat Resources from Groundwater in Fluvioglacial Gravels of buried Valleys, Journal of Applied Energy, Vol. 74, Issues 1 -2, 9-19, Elsevier Science.	M23
14	Allen, A., **Milenic, D**., 2003: Drainage problems during construction operations within a buried valley gravel aquifer, RMZ-Materials and Geoenvironment, 50, 1-4, Bled, Slovenia	M23
15	**Milenic, D.,** Stevanovic, Z., Dragisic, V., Vranjes, A., Savic, N., 2016: Application of renewable energy sources along motorway infrastructures on high karst plateaus: West Serbia case study, Environmental Earth Sciences, vol. 75:859, ISSN1866-6280	M24
16	Stevanović, Z., Saljnikov, A., **Milenić, D**., Martinovic, M., Goricanec, D., Komatina, M., Dokmanovic, P., Antonijevi c, D., Vranjes, A., Magazinović, S., 2011: „Prospects for wider energetic utilisation of subgeothermal water resources: Eastern Serbia case study", Geološki anali Balkanskog poluostrva, 2011 (72): 131-141, DOI: 10.2298/GABP11721315	M24

17	**Milenic, D**., Rabrenovic, D., Milankovic, Dj., Vranjes, A. 2009: Geological-hydrogeological characteristics of the Cemernica mountainous massif, Annales géologiques de la péninsule Balkanique, Belgrade, Serbia	M24
18	**Milenic, D**., Milankovic, Dj., Vranjes, A., 2011: „Possibilities of bottling groundwater of the Zlatibor Ultramafic Massif“, Voda i sanitarna tehnika, pp. 33-46, ISSN 0350-5049, UDK:663.64.059(497.11)	M51
19	**Milenic, D**., 2012: Exploration, use and development of geothermal energy resources in the Republic of Serbia, Geološki glasnik 33 Nova serija 1, Ministarstvo industrije, energetike i rudarstva, Republički zavod za geološka istraživanja, Zvornik, pp. 215-250, ISSN 2233-1824	M52
20	**Milenic, D.,** Dokmanovic, P.,Vranje c, A., Vuki cevic, M., 2021: Example of the energy-efficient use of a subgeothermal resource for the needs of climatisation of sale complex, Tehnika, p.p. 38-43, DOI: 10.5937/tehnika2001038M, UDC: 620.97:550.36	M53

Aggregate data of the teacher's scientific activity		
Total number of citations	**531 (Google scholar, 31/7/2025)**	
Total number of papers from the SCI (or SSCI) list	**20**	
Current participation in the project	Domestic: 1	International: 1
Training	Certificate of the International Course "PHREEQC-2" (Hydrochemical Modelling), Amsterdam, The Netherlands; Certificate of the International Course “Variable Density flow modeling”,Amsterdam, The Netherlands, International Karstological schools	
Other information that you consider relevant	President of the Serbian Geothermal Association, Head of the Laboratory for Geothermal Energy and Energy Efficiency, President of the Scientific Committee of the 16th Serbian Symposium on Hydrogeology with international participation. President of the Organizing Committee of the XIV and XV Serbian Symposium on Hydrogeology with International Participation	