



Curriculum Vitae

First name(s) / Surname(s) **DANAIL YOVCHEV**

Address (business)

Sofia 1700, Bulgaria
University of Mining and Geology "St. Ivan Rilski"
Faculty of Geology and Exploration
Department of Mineralogy and Petrology
Tel: (+359) 02 80 60 356

E-mail

d.yovchev@mgu.bg

Positions (at moment)

Assistant Professor – Department of Mineralogy and Petrology, Faculty of Geology and Exploration

Dates

2023 – till now

Occupation or position held

Assistant Professor

Name and address of employer

Department of Mineralogy and Petrology, Faculty of Geology and Exploration, University of Mining and Geology "St. Ivan Rilski", Sofia, Bulgaria

Dates

2022 – till now

Occupation or position held

Geologist - consultant

Name and address of employer

„Eastern Resources“ Ltd, Sofia, Bulgaria

Dates

2015 – 2023

Occupation or position held

Geologist

Name and address of employer

Department of Mineralogy, Petrology & Economic Geology, Faculty of Geology and Geography, Sofia University "St. Kliment Ohridski", Sofia, Bulgaria

Dates

2011 – 2015

Occupation or position held

Assistant Professor

Name and address of employer

Department of Mineralogy, Petrology & Economic Geology, Faculty of Geology and Geography, Sofia University "St. Kliment Ohridski", Sofia, Bulgaria

Dates

2010 – 2013

Occupation or position held

Geologist - consultant

Name and address of employer

„Assarel-Medet“ JSC / „Assarel-Investment“ JSC, Panagyurishte / Sofia, Bulgaria

Dates

2008

Occupation or position held

Geologist - intern

Name and address of employer

„Assarel-Medet“ JSC, Panagyurishte, Bulgaria

Dates

2005

Occupation or position held

Geologist

Name and address of employer

„Balkan Minerals and Mining“ JSC, Chelopech, Sofia region

Education and training

Dates

2003 – 2007

Title of qualification awarded

BSc in Geology

Educational institution	Sofia University "St. Kliment Ohridski", Sofia, Bulgaria																														
Dates	2007 – 2009																														
Title of qualification awarded	MSc in Geochemistry																														
Educational institution	Sofia University "St. Kliment Ohridski", Sofia, Bulgaria																														
Dates	2019																														
Title of qualification awarded	Doctor in a professional field 4.4 Earth Sciences (Geology and Exploration of Mineral Deposits)																														
Educational institution	Sofia University "St. Kliment Ohridski", Sofia, Bulgaria																														
Mother tongue(s)	Bulgarian																														
Other language(s)	English																														
Self-assessment	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Listening</th> <th colspan="2">Reading</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>Proficient user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Listening		Reading		C1	Proficient user								
Understanding				Speaking				Writing																							
Listening		Reading		Spoken interaction		Listening		Reading																							
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user																						
<i>European level (*)</i>																															
English																															
	(*)Common European Framework of Reference for Languages																														
Professional information and applications																															
Professional and Research interests (key words)	Prospecting and Exploration of Mineral Deposits, Mineral Deposits, Geographic Information Systems																														
Membership of professional and trade organization	Bulgarian Geological Society																														
Publications	Appendix 1																														
Projects	Appendix 2																														

Appendix 1

PUBLICATIONS

1. Strashimirov, S, Kovachev, V., Mladenov, V., Yovchev, D., 2010. Asarel porphyry copper mine. Field stop 5. In: Kovachev, V., (Ed.). Gold copper mining and geoarcheology in Central Bulgaria. ACTA Mineralogica- Petrographica, Field Guide Series, IMA 2010, Field Trip Guide BG1, 5, 37-43.
2. Yovchev, D., 2014. "Native gold and platinum in stream sediments from Dvoynitsa River and right tributaries of Kamchia River, Bulgaria" In: Proceedings of National Conference with international participation "Geosciences 2014". Sofia, BGS, 33-34.
3. Yovchev, D., 2015. Native gold and platinum in the stream sediments from the villages Goren Chiflik and Dyulino area, East Stara Planina Mountain. Rev. of the Bul. Geol. Society, 76, 2-3, 51-63.
4. Yovchev, D., 2019. Native gold and platinum in the Rudarski Dol stream sediments near the village of Medven, Eastern Balkan Mountains. Rev. of the Bulg. Geol. Society, 80, 2, 13-25.
5. Vangelova, V., D. Yovchev, M. Stavrev, Ts. Iliev. 2021. Auriferous potential of the deposits in Laky ore field. Ann. Univ. Sofia, FGG, ISSN (print): 0324-0479, 105, 5-28.

6. Vasilev A., N. Botoucharov, P. Petsinski, R. Pehlivanova, I. Genov, O. Dimitrov, D. Dimitrov, D. Yovchev. 2020. Do marine gas hydrate deposits create heat flow anomalies on the seabed? *Rev. of the Bulg. Geol. Society*, ISSN (print): 0007-3938, ISSN (online): 0007-3938, 81, 3, 2020, 181–183.
7. Kuncheva, J., S. Veleв, D. Yovchev. 2022. Mineral alterations and gold assemblages in Krassen HS epithermal deposit, Panagyurishte ore region, Bulgaria. – In: Peytcheva, I. et al. (eds.), *Geol. Balc., XXII Int. Congr. CBGA, Abstracts*, Sofia, BAS, pp. 196.

Appendix 1

PROJECTS

1. Earth observation and Earth GNSS data acquisition and processing platform for safe, sustainable and cost-efficient mining operations” (Goldeneye). Member, Contract number: 869398, 2020-2023.
2. Mineral composition of gold-bearing deposits from the exploration area of Chukata, Ivaylovgrad region. Head, MON, Contract number: РД 22-1569/14.07.2020, 2020
3. Geothermal evolution of marine gas hydrate deposits - Paleodelta of the Danube, Black Sea (GEOHydrate). Member, BNSF, Contract number: КП06-ОПР04/7, 2018-2021.
4. Investigation of organic matter in Mesozoic sediments from different geographical latitudes – Antarctica and Central Europe. Member, Contract number: КП-06-Австрия-1, 2018-2021.
5. Auriferous potential of high- and low-sulfideepithermal deposits in Bulgaria, using the example of the Chelopech deposit and the Chukata license area (Ivaylovgrad region). Member, NSF-SU, Contract number: 80-10-96/20.04.2017, 2017.
6. Metallogenic potential of the Western Srednogorie: Geological, petrographical, and mineralogical characteristics and types of hydrothermally altered rocks in ore deposits of Gurgulyatski Kamak, Klisura, Pishchene, Zlatusha, and Krusha. Member, BNSF, Contract number: ДМ04/2, 2016-2019.
7. Structural and mineralogical-geochemical characteristics of block 151 in the Chelopech deposit. Member, NSF-SU, Contract number: 170/2015, 2015.
8. Auriferous potential of the deposits in the Laki ore field. Member, NSF-SU, Contract number: 134/2014, 2014.
9. Study of the exploitation in the past of the resources of the Rosensko and Vrlibryazhko ore fields. Member, Sonderforschungsbereich (SFB) 1070 „RessourcenKulturen“ of DFG, 2013-2017.
10. The Quarries of Roman Philippopolis, Member, Contract number: ДМУ03/ 105/13.12.2011, 2011-2013
11. Archäometallurgische und paläoanthropologische Untersuchungen des Gräberfeldes von Varna, Bulgarien, Member, DFG, Contract number: PE 405/25-1, 2009-2012.
12. Archaeometric study of the sources of gold and gold finds from the Varna Chalcolithic necropolis (5th millennium BC) Member, Contract number: ДО 0260/10.12.2008, 2008-2012.