

Curriculum Vitae

First name(s) / Surname(s) **IVAN DIMITROV IVANOV**

Address (business) Department of Geology and Geoinformatics, Faculty of Geology and Prospecting, "St. Ivan Rilski" University of Mining and Geology, 1, Professor Boyan Kamenov Str., Student's Town, 1700 Sofia, Bulgaria

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Positions (at moment) Professor, Department of Geology and Geoinformatics, Faculty of Geology and Prospecting, "St. Ivan Rilski" University of Mining and Geology

Dates Since October 5, 2026

Occupation or position held **Professor** of Methods and techniques for geological investigations

Name and address of employer Department of Geology and Geoinformatics, "St. Ivan Rilski" University of Mining and Geology

Dates August 22, 2011 – October 5, 2026

Occupation or position held **Associate Professor** of Geotectonics

Name and address of employer Department of Geology and Geoinformatics, "St. Ivan Rilski" University of Mining and Geology

Dates January, 2008 - August 22, 2011

Occupation or position held **Assistant Professor** of Geotectonics

Name and address of employer Department of Geology and Geoinformatics, "St. Ivan Rilski" University of Mining and Geology

Education and training

Dates 1995 –1998

Title of qualification awarded **PhD**

Educational institution Geological Institute of the Bulgarian Academy of Sciences, Sofia, Bulgaria

Dates 1989-1994

Title of qualification awarded **MSc** of Geology

Educational institution "St. Ivan Rilski" University of Mining and Geology, Sofia, Bulgaria

Mother tongue(s) **Bulgarian**

Other language(s) **English, Russian**

Self-assessment

European level (*)

English

Russian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Listening		Reading	
C2	Proficient level	C2	Proficient level	C2	Proficient level	C2	Proficient level	C2	Proficient level
C2	Proficient level	C2	Proficient level	C2	Proficient level	C2	Proficient level	C1	Proficient level

Professional information and applications

Professional and Research interests (key words) Structural geology, Geotectonics, Geological mapping; Prospecting for mineral deposits, Assessment of mineral resources and mineral reserves; Rock mechanics; Engineering geology; Environmental geology; Geochemistry; Geoecology.

Патенти и изобретения	In the period 2009-2026 I have supervised the prospecting, prepared the geological reports and defended in front of the state commission the geological reserves of 12 new deposits of industrial minerals on the territory of Bulgaria. These reserves are subject to concession rights and are mined. In the period 2004-2007 I have done the geological work for two mining permits on the territory of the Canadian federation.
Membership of professional and trade organization	Bulgarian Geological Society (BGS); Canadian Tectonic Group; European Geoscience Union (EGU)
Publications	Appendix 1
Projects	Appendix 2
Participation in scientific sessions, conferences and congresses (for last 5 year)	International Scientific Session 2014-2018 of UMG "St. Ivan Rilski"; International Scientific Conference of Bulgarian Geological Society „Geosciences” – 2014
Other professional skills	I have: 1. Certificate for full design capacity, assigned with protocol 06/2009 of the Chamber of the investment engineers in the domain of Engineering geological investigations (registration number №13918); 2. Certificate for full design capacity, assigned with decision of the executive counsel of the Chamber of the investment engineers in the domain of Prospecting geology and mining. I regularly perform consultancy and audits of geological work in the area of prospecting of industrial mineral and metal deposits as well as specialized structural geological analysis for the need of mineral prospecting and engineering geology as well as for other fields of the applied geology.

SELECTED PUBLICATIONS

- Stefanova, M., Nikolova, V., **Dimitrov, I.**, 2025. The influence of the lithological–tectonic factor on the erosion–drainage network in the catchment of the Byuyukdere River (the Eastern Rhodopes). – *Ann. UMG "ST. Ivan Rilski"*, 68, 40–44. <https://doi.org/10.5281/zenodo.1715504>
- Dimitrov, I.**, Sachkov, D. 2024. Thickness of the aggradational marine sediments on the Bulgarian Black Sea coast, near Sunny Beach, deposited after the Younger Dryas, based on exploration drilling. – *Ann. UMG "ST. Ivan Rilski"*, 67, 154–159 <https://doi.org/10.5281/zenodo.13762726>
- Ivanov, I. D.**, D. Sachkov, D. 2023. A special case of mechanical instability in the northern slope of the Rila mountain in southeast Bulgaria. Description of the processes and social significance. – *Ann. UMG "St. Ivan Rilski"*, 66, 144–149. <https://doi.org/10.5281/zenodo.8334617>
- Strahilov, D., Doychev, P., **Dimitrov, I.** 2022. Ore shoots formation in a sinistral strike-slip setting: an interpreted from the map of the Au-Ag Milin Kamak deposit in the Breznica area, Southwest Bulgaria. – *Rev. Bulg. Geol. Soc.*, 83, 3, 131–134. <https://doi.org/10.52215/rev.bgs.2022.83.3.131> WoS, Q4
- Strahilov, D., **Dimitrov, I.** 2021. Structural geological complications for tunnel construction in the Kostenets's section of the Maritsa fault zone in Central Bulgaria. – *Rev. Bulg. Geol. Soc.*, 82, 3, 91–93 ISSN 0007-3938, <https://doi.org/10.52215/rev.bgs.2021.82.3.129>, WoS, Q4
- Димитров, И.**, Панайотова, М., 2020. Влияние на отпадната скална маса върху качествата на природните води в изоставения минен обект Крумово, Югоизточна България. – *Сп. Бълг. геол. д-во*, 81, 3, 189–191. ISSN 0007-3938, WoS без SJR,
- Strahilov, D., **Dimitrov, I.** 2019. Indications for the activity of the Tundzha fault in the marble exposures at the Konevets gorge of River Tundzha, Southeastern Bulgaria. – *Ann. UMG "ST. Ivan Rilski"*, 62, part I: Geol. and Geophys., 17–23. ISSN 2682-9525.
- Strahilov, D. Banushev, B., **Dimitrov, I.** 2019. Preliminary results from the Tasladja Bair's dyke's study, an indicator for the structural evolution of the Prohorovo copper porphyry system in Southeastern Bulgaria. – *Ann. UMG "ST. Ivan Rilski"*, 62, part I: Geol. and Geophys., 23–29. ISSN 2682-9525.
- Димитров, И.**, 2018. Определяне на максималното срязващо напрежение върху произволно ориентирана скална прекъснатост, в контекста на геотехническата практика на пътното и тунелно строителство. – *Сп. Бълг. геол. д-во*, 79, 1–2, 59–68. WoS без SJR, ISSN 0007-3938.
- Dimitrov, I.**, Nikolova, V., Paskov, I., 2018. Field Observation of the Buried Weathering Crust in the Oshtava Graben (Southwestern Bulgaria). – *Ann. UMG "ST. Ivan Rilski"*, 60, part I: Geol. and Geophys., 51–56. ISSN 2535-1176.
- Rizova, R. Nachev, G., **Dimitrov, I.** 2018. Tectonomorphologic Characteristics of Zavalna Mountain. – *Ann. UMG "ST. Ivan Rilski"*, 60, part I: Geol. and Geophys., 63–68. ISSN 2535-1176.
- Benderov, A., **Dimitrov, I.**, Vasilev, I., Mihailova, B., Hristov, V., Ilieva, I. 2016. Hydrogeological risk assessment in the Elatsite copper mine, Central Bulgaria. – *Geologica Balcanica*, 45, 65–76. WoS, без SJR, ISSN 2535-1060.
- Димитров, И.**, 2015. Структура на метаморфните скали от северната периферия на Манастирските височини, между селата Инзово и Драма, Ямболска област. – *Год. МГУ "Св. Иван Рилски"*, 58, Св. I, Геология и геофизика, 61–66. ISSN 1312-1820.
- Dimitrov, I.**, Sachkov, D. 2017. The structural geological approach in the evaluation of the geological losses in the deposits of carbonate rocks – limestones, dolomites and marbles. – *Ann. UMG "St. Ivan Rilski"*, 60, part I: Geol. and Geophys., 45–50. ISSN 2535-1176
- Начев, Г., **Димитров, И.** 2015. Връзка между почвените типове, релефа и скалната подложка в Югоизточна България. – *Сп. Бълг. геол. д-во*, 76, 1, 51–68. ISSN 0007-3938.
- Панайотова М., **Димитров, И.** 2014. Характеристика на водите в карбонатизирани терени на Източно-Тракийската низина. – *Инженерна геология и хидрогеология*, 28, 25–37. ISSN 0204-7934.
- Димитров, И.**, Вълчев, Б., Начев, Б., 2014. Нови данни за речните тераси на река Тунджа между селищата Тенево и Елхово, ЮИ България. – В: *Сб. разширени резюмета „Геонауки 2014“*, Бълг. геол. д-во, С., 39–40. ISSN 1313-2377.
- Петрунова, Л., **Димитров, И.** 2013. Преглед на палеонтологичката изученост на скалите в района на Странджа – Сакар, Югоизточна България. – *Сп. Бълг. геол. д-во*, 74, 1–3, 131–145. ISSN 0007-3938.
- Димитров, И.**, Вълчев, Б., Съчков, Д. 2013. Дебелина на холоценовия аградационен пакет в долините на реките Факийска и Явуз дере, ЮИ България, в светлината на идеята за внезапно покачване на нивото на Черно море през Холоцена. – В: *Сб. разширени резюмета „Геонауки 2013“*, 87–88. ISSN 1312-1820.
- Съчков, Д., **Димитров, И.** 2013. Методика за генериране на ограничителни повърхнини по структурни измервания за компютърно изчисляване обемите на геоложки тела. – В: *Сб. разширени резюмета „Геонауки 2013“*, Бълг. геол. д-во, С., 105–106. ISSN 1312-1820
- Съчков, Д., **Димитров, И.** 2012. „Метод на ограничителните повърхнини“ – възможности за компютърно моделиране при изчисляването на запаси от индустриални минерали и скали. – *Год. МГУ, „Св. Иван Рилски“*, 55, Св. I, Геология и геофизика, 69–74. ISSN 1312-1820.
- Съчков, Д., Кършева, К., **Димитров, И.**, Добрев, Н. 2012. Оценка на блоковостта на кристалини скали на примера на находище Гранитово, област Ямбол. – *Инженерна геология и хидрогеология*, 26, 45–57. ISSN 0204-7934.
- Koleva-Rekalova, E., **Dimitrov, I.**, Вл Valchev, V., Iliev, T. 2012. Microfabrics and mineral composition of calcretes and dolocretes from Southeast Bulgaria. – In: *National Conference with international participation "GEOSCIENCES 2012"*, 87–88. https://www.bgd.bg/CONFERENCES/Geonauki_2012/Sbornik/pdf/36_Koleva-Rekalova_Geosci_2012.pdf.
- Вълчев, Б., **Димитров, И.**, Съчков, Д., Кършева К, 2012. Геоложкият феномен „Лековитите скали“ при с. Скалица, Ямболска област. – *Год. МГУ, „Св. Иван Рилски“*, 55, св. I – Геол. и геофиз., 16–20. ISSN 1312-1820.
- Илиева, Е., **Димитров, И.** 2011. Гънкова интерференция в мезозойските скали от Голо Бърдо, Западна България. – *Год. МГУ, „Св. Иван Рилски“*, 54, Св. I – геол. и геофиз., 39–44. ISSN 1312-1820.
- Dimitrov, I.**, Valchev, B., Sachkov, D., Panayotova, M. 2011. Sedimentological response to postglaciation climate change in southeast Bulgaria. – In: *Proc. of the 11th International Multidisciplinary Scientific GeoConference – SGEM 2011. Conference proceedings volume II*, 259–264. ISSN 1314-2704. DOI:10.5593/sgem2011/s01.135
- Стойков, С., Съчков, Д., **Димитров, И.** 2011. Пример за гънкова интерференция в Дябаз - филоитидната формация от Софийска Стара планина и нейното значение за практиката на геоложкото проучване. – *Год. МГУ, „Св. Иван Рилски“*, 54, Св. I – геол. и геофиз., 67–72. ISSN 1312-1820.
- Panayotova, M., **Dimitrov, I.** 2011. Ground water composition by analogue modeling of rainwater-soil-undersoil interaction. In: *Proc. of the 11th International Multidisciplinary Scientific GeoConference – SGEM 2011. Conference proceedings volume III*, 397–404, 2011. DOI: 10.5593/sgem2011/s02.052, WoS, Scopus, SJR.

- Петрунова, Л., Димитрова, Т., **Димитров, И.**, Маляков, Й. 2010. Нови палинологички находки от Югоизточна Странджа планина. - В: *Сб. разширени резюмета „Геонауки 2010“*, Бълг. геол. д-во, С., 82-83. ISSN 1313-2377.
- Dimitrov, I.**, Panaiotova, M., Sachkov, D. 2009. Calcrete in southeast Bulgaria a study in progress. In: *International multidisciplinary scientific conference SGEM 2009. Conference proceedings volume II*, pp. 457-464. WoS, Scopus, без SJR без IF, ISSN 1314-2704.
- Димитров, И.** 2009. Критични бележки върху работата на Иван Димитров „Нова хипотеза за произхода на Подбалканските низини“ – отговор на автора. – *Сп. Бълг. геол. д-во*, 70, 1–3, 177–183. ISSN 0007-3938.
- Димитров, И.** 2009. Съображения за позицията на мраморите в Огняновското стъпало, Пазарджишка област. – *Год. МГУ, „Св. Иван Рилски“*, 52, Св. I – Геол. и геофиз., 49-54. ISSN 1312-1820.
- Димитров, И.** 2008. Нова хипотеза за произхода на Подбалканските низини. – *Сп. Бълг. геол. д-во*, 69, 1-3, 91-96. ISSN 0007-3938.
- Dimitrov, I.** 2007. The Silurian Salinic Disturbance – newly discovered orogenic event of the Appalachians. – *Geologica Balcanica*, 36, 3-4, 97-102. Scopus, SJR, Q3, ISSN 2535-1060.
- Dimitrov, I.**, McCutcheon, S.R. 2007. Stratigraphic and Structural Constraints on Limestone Exploration: A Case Study from Northern New Brunswick, Canada. – *Exploration and Mining Geology, Canadian Institute of Mining, Metallurgy and Petroleum*, 16, 25–36. <https://doi.org/10.2113/gsemg.16.1-2.25-a> WoS, Scopus (SCIE), SJR, Q3, ISSN 1718-4177.
- Димитров, И.** 2006. Метални полезни изкопаеми на Северните Апалачи. Геоложка позиция, методи на проучване и организация на геоложката дейност. – В: *Сб. Разширени резюмета „Геонауки 2006“*, С., Бълг. геол. д-во, 239-242. ISBN-10: 954-91606-4-5.
- Василев, Е., **Димитров, И.** 2006. Допълнителни данни за Пънчевската свита (горна креда) в Източното Средногорие, ЮИ България. – *Сп. Бълг. геол. д-во*, 67, 1-3, 26-31. WoS, ISSN 0007-3938.

Appendix 2

SELECTED SCIENTIFIC PROJECTS

1. Decision No. 508 of 18 July 2024 of the Council of Ministers. National Research Programme 'Critical and Strategic Raw Materials for the Green Transition and Sustainable Development'
2. Contract GPF-231/2021 "Identification of geosites for the definition of the Eastern Balkans Geopark". Implementation period: 2021 Grant for the core scientific activity of the "St Ivan Rilski" University of Mining and Geology, Regulation of the Ministry of Education and Science on the conditions and procedures for the assessment, planning, allocation and expenditure of funds from the state budget for the financing of the core scientific or artistic and creative activities of state higher education institutions. Principal Investigator: Assoc. Prof. Dr Ivan Dimitrov Ivanov
3. Contract GPF-224/2019 – Structural and petrographic characterisation of the Prokhorov plutonic complex. Funded by the University Research Fund at St Ivan Rilski University of Mining and Geology. Principal Investigator: Assoc. Prof. Dr Ivan Dimitrov.
4. Contract GPF-218/2018 – 'Development of thematic geotrails in the Rila Mountains'. 2018. Funded by the University Research Fund at St Ivan Rilski University of Mining and Geology. Principal investigator: Assoc. Prof. Dr Boris Valchev.
5. Contract GPF-208/2017 – 'Development of a correlation scheme for research and educational purposes of the unlayered magmatic and metamorphic complexes in the Rila-Rhodope Massif'. 2017. Funded by the University Research Fund at St Ivan Rilski University of Mining and Geology. Principal investigator: Assoc. Prof. Dr Boris Valchev.
6. Contract GPF-204/2016 – 'Mineralogical and petrographic studies and geological documentation of sites in protected areas of the Rila-Rhodope Massif'. 2016. Funded by the University Research Fund at St Ivan Rilski University of Mining and Geology. Project leader: Assoc. Prof. Dr Boris Valchev.
7. Contract GPF-189/2015 – 'GIS documentation of the geological heritage of Northern Rila and Plana'. 2015. Funded by the University Research Fund at St Ivan Rilski University of Mining and Geology. Project leader: Prof. Dimitar Sinovski, D.Sc.
8. Contract GPF-182/2014 – 'GIS analysis of the morphology of the river terraces in the lower reaches of the Tundzha River'. 2014. Funded by the University Research Fund at St Ivan Rilski University of Mining and Geology. Principal investigator: Assoc. Prof. Dr Ivan Dimitrov.
9. Contract DDVU-0272/10 – 'Scientific development of a new category of protected area in Bulgaria – a national geopark, using the Belogradchik Rocks as a case study'. 2011–2014. Funded by the National Scientific Research Fund. Project leader: Prof. Dimitar Sinovski, D.Sc.