

Curriculum Vitae

First name(s) / Surname(s) **STEFAN SOTIROV DIMOVSKI**

Address (business) University of Mining and Geology "St. Ivan Rilski", Sofia 1700, Studentski grad
 Mobile (optional) +359 886 098 036
 E-mail dimovski@mgu.bg

Positions (at moment) Professor, Head of Department of Applied Geophysics, University of Mining and Geology "St. Ivan Rilski", Sofia

Dates 2008 – up till now

Occupation or position held Assistant Professor, Associated Professor – Department of Applied Geophysics, University of Mining and Geology "St. Ivan Rilski", Sofia

Name and address of employer University of Mining and Geology "St. Ivan Rilski", Sofia 1700

Dates 1995 – 2007

Occupation or position held Field Crew Geophysicist

Name and address of employer Arab Geophysical Exploration Services Company - Libya

Dates 1991– 1995

Occupation or position held Ph.D. student in Applied Geophysics – Department of Applied Geophysics, University of Mining and Geology "St. Ivan Rilski", Sofia

Name and address of employer University of Mining and Geology "St. Ivan Rilski", Sofia 1700

Dates 1991– 1995

Education and training

Dates 1988

Title of qualification awarded Master of Science in Applied Geophysics

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

Dates 1995

Title of qualification awarded PhD in Applied Geophysics

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

Dates 2010

Title of qualification awarded Doctor of Science

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

Mother tongue(s) **Bulgarian**

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

Self-assessment

European level ()*

Russian

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Listening		Reading	
C2	Proficient level	C2	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level
C2	Proficient level	C2	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level
B2	Working level	B2	Working level	B1	Working level	B1	Working level	B1	Working level

(*) [Common European Framework of Reference for Languages](http://europass.cedefop.europa.eu)

Professional information and applications	
Professional and Research interests (key words)	Modeling and interpretation of geophysical data. Development of computer modules and programs for processing, analysis, and interpretation of geophysical and geological data. Statistical analysis of petrophysical characteristics. Integrated geophysical problems. Geophysical surveying for engineering and ecological problems
Membership of professional and trade organization	Bulgarian Geophysical Society European Association of Geoscientists & Engineers (EAGE)
Publications	Appendix 1
Participation in scientific sessions, conferences and congresses (for last 5 year)	XX-th Congress of the Carpathian Balkan Geological Association, Tirana, Albania, 24-26 September 2014. International Scientific Conference. University of Mining and Geology "St. Ivan Rilski", Sofia, October, 2014. VII-th National Conference in Geophysics – 25 years Bulgarian Geophysical Society, 20-23 May 2015, Sofia. International Scientific Conference. University of Mining and Geology "St. Ivan Rilski", Sofia, October, 2015. VIII-th National Conference in Geophysics, 25 November 2016, Sofia. International Scientific Conference. University of Mining and Geology "St. Ivan Rilski", Sofia, October, 2016. 17-th International Multidisciplinary Scientific GeoConference SGEM 2017, Albena, Bulgaria, 29 June - 5 July 2017. 3-rd International Scientific Conference GEOBALCANICA, Skopje, Macedonia, 20-21 May 2017. International Scientific Conference. University of Mining and Geology "St. Ivan Rilski", Sofia, October, 2017. XVII Balkan Mineral Processing Congress - BMPC2017, Antalya, Turkey, 1-3 November 2017. 9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5-9 November 2017. 17th Geological Congress of Serbia, Vrnjacka Banja, 17-20 May 2018.

PUBLICATIONS

2013-2018

- Rangelov, B., R. Radichev, S. Dimovski, I. Paskaleva, H. Tzankov, A. Kisyov, M. Yankova, T. Iliev, M. Vasileva. 2013. Complex Geophysical Investigation for Development of Seismic Monitoring and Quasi EWS around Pernik City. 7th Congress of Balkan Geophysical Society, Tirana, Albania.
- Avdev. S., H. Tzankov, R. Radichev, S. Dimovski, A. Kisyov. 2013. Method for Modelling of High-resolution Quasigeoids. 7th Congress of Balkan Geophysical Society, Tirana, Albania.
- Dimovski, S., N. Stoyanov, A. Kisyov, M. Yankova. 2013. Detection of zones characterized by different degree of water-saturation and mapping of landslide surfaces by application of electrical tomography. 7th Congress of Balkan Geophysical Society, Tirana, Albania.
- Dimovski, S., N. Stoyanov, A. Kisyov, M. Yankova. 2013. Application of electrotomography for mapping of suffosion zones. – Annual of the University of Mining and Geology “St. Ivan Rilski”, Vol. 56, Part I, Geology and Geophysics, pp. 135-141. (in Bulgarian with an English abstract)
- Yankova, M., S. Dimovsky, B. Rangelov. 2014. Correlation relationship between the potential geophysical field (Δg and ΔZ) and the seismicity in the Pernik region related to the earthquake from 22nd May, 2012., Сборник доклади “Дни на физиката 2014”, 8-12 Април 2014, Технически университет - София, 95-104.
- Radichev, R, S. Dimovski., B. Rangelov, S. Kostyanov, A. Trapov, Ch. Tzankov, Em. Mihailov, At. Kisyov, V. Stoyanov, N. Kirilov. 2014. Development of the geophysical data base for the Black Sea region as part of the 7th Framework Programme project “Upgrade Black Sea Scientific Network”. Buletini i Shkencave Gjeologjike, Special Issue: Proceedings of XX CBGA Congress, Tirana, Albania, 24-26 September 2014, vol. 2, 2014, 351-354.
- Avdev, St., Ch. Tzankov, S. Dimovski, R. Radichev, At. Kisyov. 2014. Method for Modelling of High-resolution Quasi-geoids. Buletini i Shkencave Gjeologjike, Special Issue: Proceedings of XX CBGA Congress, Tirana, Albania, 24-26 September 2014, vol. 2, 2014, 247-250.
- Rangelov, B., S. Dimovski, R. Radichev, Ch. Tzankov, At. Kisiov, Ts. Gruev. 2014. Shallow Geophysics – a Complex Study of the Surface Effects in the area of Pernik Town (22 May, 2012, M5.8). XXIV-ти Международен симпозиум „Съвременни технологии, образование и професионална практика в геодезията и свързаните с нея области“, 06-07.11.2014, София.
- Tzankov, Ch., S. Dimovski, At. Kisiov, G. Milev, Em. Mihailov. 2014. Gravimetric quasigeoid in Bulgaria from end number of point masses. XXIV-ти Международен симпозиум „Съвременни технологии, образование и професионална практика в геодезията и свързаните с нея области“, 06-07.11.2014, София.
- Dimovski, S., N. Stoyanov, S. Stoynev, M. Yankova. 2014. Application of electrical tomography for mapping the near surface section of several alternative sites for construction of a new energy facility at the Kozloduy NPP. – Annual of the University of Mining and Geology “St. Ivan Rilski”, Vol. 57, Part I, Geology and Geophysics, pp. 83-88. (in Bulgarian with an English abstract)
- Dimovski, S., N. Stoyanov, Ch. Tzankov, A. Kisyov. 2014. An integrated geophysical approach for locating water-permeable zones in the embankment wall of a surface water body. – Annual of the University of Mining and Geology “St. Ivan Rilski”, Vol. 57, Part I, Geology and Geophysics, pp. 89-94. (in Bulgarian with an English abstract)
- Dimovski, S., N. Stoyanov, A. Kisyov, M. Yankova. 2015. Application of electrical resistivity for mapping of landslide surfaces. – VII-th National Conference in Geophysics – 25 years Bulgarian Geophysical Society, 20-23 May 2015, Sofia. (on CD). (in Bulgarian with an English abstract)
- Dimovski, S., N. Stoyanov. 2015. Selection of appropriate sites for construction of monitoring wells in a rock complex characterized by low water-bearing characteristics. – Annual of the University of Mining and Geology “St. Ivan Rilski”, Vol. 58, Part I, Geology and Geophysics, pp. 140-145. (in Bulgarian with an English abstract)
- Dimovski, S., N. Stoyanov. 2016. A geoelectrical approach for searching karst areas and promising sites for construction of water wells. – Annual of the University of Mining and Geology “St. Ivan Rilski”, Vol. 59, Part I, Geology and Geophysics, pp. 129-134. (in Bulgarian with an English abstract)
- Stoyanov, N., S. Dimovski. 2016. Models of contamination in the karst aquifer caused by the old and new the landfill of Pazardzhik. – Annual of the University of Mining and Geology “St. Ivan Rilski”, Vol. 59, Part I, Geology and Geophysics, pp. 151-156. (in Bulgarian with an English abstract)

- Dimovski, S., N. Stoyanov, I. Ivanov. 2016. Application of electrical tomography for determination and characterization of prominent areas for extraction of groundwater. – VIII-th National Conference in Geophysics, 25 November 2016, Sofia. (on CD). (in Bulgarian with an English abstract)
- Stoyanov, N., P. Gerginov, E. Tarabees, A. Benderev, S. Dimovski. 2017. State of the art and the problems of interaction between groundwater and marine waters in the Nile delta – District Rashid, Egypt. Proceedings 17th Intern. Multidiscipl. Scient. GeoConference SGEM 2017, Section Hydrogeology, Engineering Geology and Geotechnics, pp. 793-800.
- Stoyanov, N., M. Trayanova, S. Dimovski, A. Benderev. 2017. Evaluation of the impact by deep artesian boreholes on fresh ground waters in the terrace of Kamchiya River. Geol. Balc. 46 (2), Sofia, pp. 125-133.
- Dimovski, S., N. Stoyanov, Ch. Tzankov, A. Kisyov. 2017. A geophysical approach for mapping of abandoned mining workings and unconsolidated zones in coal mining areas. J. of Mining and Geol. Sciences, Vol. 60, Part I, Geol. and Geoph., pp. 99-103.
- Dimovski, S., N. Stoyanov, Ch. Tzankov, A. Kisyov. 2017. Application of electrical resistivity tomography for studying fissure-karst water-bearing complexes. Proceedings 9th Congress of the Balkan Geophysical Society, 5-9 November, Antalya, Turkey, Paper 44018.
- Panayotova, M., S. Bratkova, N. Stoyanov, S. Dimovski, V. Panayotov. 2017. Assessment of the possible negative impact of tailings ponds on soil, surface water and groundwater - a case study. Proceedings of the XVII Balkan Mineral Processing Congress, 1-3 November, Antalya, Turkey, pp. 455-463.
- Grigorova M., Ch. Tzankov, A. Kisyov, I. Koprev, S. Dimovski. 2017. Complex geophysical prospection – electrical resistivity tomography and geomagnetic survey for detecting limestone inclusions in Mini Maritsa Iztok EAD. Proceedings 3rd International Scientific Conference GEOBALCANICA, 2017, pp. 31-37.
- Stoyanov, N., A. Benderev, M. Trayanova, E. Tarabees, S. Dimovski. 2018. Marine intrusion into the alluvial aquifer of Kamchia river, Bulgaria – Proceedings of the 17th Geological Congress of Serbia, Vrnjacka Banja, 17-20 May 2018. pp. 561-564.