

Curriculum Vitae

First name(s) / Surname(s) **ATANAS IVANOV KISYOV**

Address (business) University of Mining and Geology "St. Ivan Rilski", Studentski grad, 1700 Sofia, Bulgaria
Department "Applied geophysics"

E-mail at.kisyov@mqu.bg, at.kisyov@gmail.com

Positions (at moment) Professor Assistant

Dates **2010**

Occupation or position held Professor Assistant

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

Education and training

Dates **2004 - 2009**

Title of qualification awarded **Engineer - geophysicist**

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

Other professional competencies 2008

Blasting activities in industry. (Head of blasting activities)
University of Mining and Geology "St. Ivan Rilski", 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	
C1	Proficient level	C1	Proficient level	B2	Working level	B2	Working level	B2	Working level
B1	Working level	B1	Working level	B1	Working level	B1	Working level	B1	Working level

Professional information and applications

Professional and Research interests (key words)

Geophysical and geological research; modelling; processing of geophysical data; optimization; geoinformatics and GIS; geodesy; geoecology; code writing MATLAB; hardware and software

Patents and Inventions

Membership of professional and trade organization

The Society of Exploration Geophysicists (SEG)
Bulgarian Geophysical Society (BGS)

Publications	For the period 2014-2019 13 pieces (Appendix 1)
Projects	For the period 2014-2019 9 pieces (Appendix 2)
Participation in scientific sessions, conferences and congresses)	<ol style="list-style-type: none"> 1. XX Congress of the Carpathian Balkan Geological Association, Tirana, Albania, 24-26 September, 2014. 2. Annual of the University of Mining and Geology "st. Ivan Rilski", Vol. 57, Sofia, 23 - 24.10.2014. 3. XXIVth International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Areas", Sofia, 6 - 7.11.2014. 4. 7th National Conference on Geophysics with International Participation "Geophysics 2015" 25th Annual Society of Geophysicists in Bulgaria, Sofia, 20-23.05.2015. 5. Annual of the University of Mining and Geology "st. Ivan Rilski", Vol. 58, Sofia, 20.10.2015. 6. 8th Congress of Balkan Geophysical Society, 5-8 October 2015, Chania, Greece. 7. XIVth National Youth Scientific and Practical Conference, Sofia, 19-20 April 2016. 8. Annual of the University of Mining and Geology "st. Ivan Rilski", Vol. 59, Sofia 28.10.2016 9. 8th National Conference on Geophysics, Faculty of Physics, Sofia University "Kliment Ohridski", Sofia, 25.11.2016. 10. LVI National Archaeological Conference. Plovdiv, 29 - 31 May 2017Международна научна конференция на 11. Annual of the University of Mining and Geology "st. Ivan Rilski", Vol. 60, Sofia 20.10.2017. 12. 9th Congress of the Balkan Geophysical Society. 5-9 November 2017, Xanadu Resort, Belek, Antalya, Turkey. 13. 3rd International Scientific Conference GEOBALCANICA 2017

PUBLICATIONS

2014-2018

1. Radichev, R, Dimovski, St., Rangelov, B., Kostyanov, S., Trapov, A., Tzankov, Ch., Mihailov, Em., Kisyov, At., Stoyanov, V., Kirilov, N. Development of the geophysical data base for the Black Sea region as part of the 7th Framework Programme project "Upgrade Black Sea Scientific Network". XX Congress of the Carpathian Balkan Geological Association, Tirana, Albania, 24-26 September 2014; vol. 2, 2014, 351-354.
2. Avdev, St., Tzankov, Ch., Dimovski, St., Radichev, R, Kisyov, At. Method for Modelling of High-resolution Quasi-geoids. ". XX Congress of the Carpathian Balkan Geological Association, Tirana, Albania, 24-26 September 2014; vol. 2, 2014, 247-250
3. B.K. Rangelov, M.S. Bayraktutan, R.S. Radichev, A. Kisyov. Gravity and Magnetic Potential Fields for the Western Black Sea Region – Marine and on Land Maps with High Resolution. 8th Congress of the Balkan Geophysical Society. 5-8 October 2015, Chania, Greece.
4. Tashev, B., Tzankov, Ch., Kisyov, At., Rangelov, B., Parushev, Iv., Alexiev, M., Ivanov, Y. Advanced students practice supported by SEG ("Applied Geophysics" Department – MGU). Неформално образование по физика и астрономия: XLIV
5. Yanko Ivanov, Atanas Kisyov. Geophysical approach for monitoring saltwater intrusion in coastal aquifers. Годишник на МГУ "св. Иван Рилски", том 58, св. I, геология и геофизика, 2016.
6. Yanko Ivanov, Atanas Kisyov, Boyko Rangelov. Kinematic models and early warning systems (earthquakes and tsunamis) for Azerbaidjan (Baku case). Годишник на МГУ "св. Иван Рилски", том 58, св. I, геология и геофизика, 2016.
7. Yanko Ivanov, Atanas Kisyov, Christian Tzankov, Spas Nikolov. Application of electrical resistivity tomography for investigation of landslides. Сборник научных трудов часть II "Проблемы недропользования" Международный форум-конкурс молодых ученых 19-21 апреля 2017 г., Санкт-Петербург 2017; 62 – 65; ISBN 978-5-94211-781-8
8. Christian Tzankov, Atanas Kisyov, Maya Grigorova, Boyko Rangelov, Ianko Ivanov, Ivan Todorov, Nikolay Dimitrov, Metodi Metodiev. Students practice and education supported by SEG in Sozopol, 2016. ("Appl. geophysics" dept. – MGU)
9. Maya Grigorova, Christian Tzankov, Atanas Kisyov, Ivaylo Koprev, Stefan Dimovski. Complex geophysical prospection – electrical resistivity tomography and geomagnetic survey for detecting limestone inclusions in Mini Maritsa Iztok EAD. 3rd International Scientific Conference GEOBALCANICA 2017, 2017, 31-37.
10. C. Tzankov, A. Kisyov, P. Leshtakov. Geophysical studies of traces of ancient mining and metallurgy in the eastern part of the Srednogorian metallogenic zone. 9th Congress of the Balkan Geophysical Society, 5-9 November 2017, Antalya, Turkey.
11. S. Dimovski, N. Stoyanov, A. Kisyov, C. Tzankov. Application of electrical resistivity tomography for studying fissure-karst water-bearing complexes. 9th Congress of the Balkan Geophysical Society, 5-9 November 2017, Antalya, Turkey.
12. SEG International Exposition and 88th Annual Meeting in Houston, Texas, 24 – 29 September – project poster presentation - Geophysics Field Camp „Sozopol 2017“
13. Petar Zidarov, Christian Tzankov, Denitsa Borisova, Rainer Komp, Stefan Bakardzhiev, **Atanas Kisyov**. Integrated use of remote sensing techniques at the ancient town of Cabyle (Conference Presentation). Earth Resources and Environmental Remote Sensing/GIS Applications IX, Proc. Vol. 10790, Publ. 5 November 2018, ISBN: 9781510621633

PROJECTS

2014-2018

- 1 Detailed ground magnetic survey in Brestovac area, Serbia. Възложител: „Rakita Exploration“ D.O.O., 2017 г.
3. Detailed magnetic survey lines over 24.65 sq/km in Zeleznic area. Възложител: „Stara planina resources“ D.O.O., 2017 г.
4. Detailed magnetic survey lines over 50.4 km² or 507,500 linear meters in Zeleznik-Radjina-Fresenis areas, Kucevo and Majdanpek municipalities. Възложител: „Stara planina resources“ D.O.O., 2017 г.
5. Пътешествие през времето на Траките /A journey through time of the Thracians/ – студентски проект, април – септември, 2015 г. Спонсор: SEG Foundation.
6. Geophysics Field Camp "Sozopol 2015", Sozopol, Bulgaria, 16th – 27th July 2015, SEG Foundation & TGS.
7. Geophysics Field Camp "Sozopol 2016", Sozopol, Bulgaria, 15th – 28th July 2016, SEG Foundation & TGS.
8. Geophysics Field Camp "Sozopol 2017", Sozopol, Bulgaria, 13th – 26th July 2017, SEG Foundation & TGS.
9. Geophysics Field Camp "Sozopol 2017", Sozopol, Bulgaria, 15th – 28th July 2018, SEG Foundation & TGS.