

CURRICULUM VITAE

First name(s) / Surname(s)	IVAYLO GEORGIEV KOPREV
Address (business)	University of Mining and Geology "St. Ivan Rilski", https://mgu.bg/en/ 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Phone	02/8060201
E-mail	rector@mgu.bg
Dates	2019 →
Positions (at moment)	Rector
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2016 → 2019
Positions (at moment)	Dean of Faculty of Mining Technologies, Head of Department of Open Pit Mining and Blasting,
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2012 – 2016
Occupation or position held	Vice Dean of Faculty of Mining Technologies,
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2013 - 2020
Occupation or position held	Head of Department of Open Pit Mining and Blasting,
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies, 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2018 →
Occupation or position held	Professor
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies, 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2012 - 2018
Occupation or position held	Associate Professor Department of Open Pit Mining and Blasting,
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies, 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.

Dates	2009 - 2012
Occupation or position held	Chief Assistant Professor Department of Open Pit Mining and Blasting,
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies, 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2006 – 2009
Occupation or position held	Senior Assistant Professor Department of Open Pit Mining and Blasting,
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2004 – 2006
Occupation or position held	Assistant Professor Department of Open Pit Mining and Blasting,
Name and address of employer	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies, 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.
Dates	2007 - 2008
Occupation or position held	Production Technical Director and Company Procurator
Name and address of employer	Stones and Sand Ltd., Sofia (Member of Kirchdorfer Gruppe GmbH, Austria) Transcomplex Engineering Ltd., Sofia Sands and gravel mining
Dates	2004 - 2006
Occupation or position held	Chief Engineer – Mining and Quarry Manager
Name and address of employer	Hemus - M AD, Mezdra Mining and Rock-Lining Materials Processing (limestone)
Dates	2002 - 2003
Occupation or position held	Chief Engineer and Company Procurator
Name and address of employer	Ilindentsi - Mramor AD Mining and Rock-Lining Materials Processing (marble)
Dates	2001 - 2002
Occupation or position held	Head of production
Name and address of employer	Ilindentsi - Mramor AD Mining and Rock-Lining Materials Processing (marble)

Dates	2000 - 2001																																								
Occupation or position held	Chief Technologist																																								
Name and address of employer	Ilindentsi - Mramor AD Mining and Rock-Lining Materials Processing (marble)																																								
Dates	1998 - 1999																																								
Occupation or position held	Technologist																																								
Name and address of employer	Minenergo OOD, Sofia Production blasting																																								
Education and training																																									
Dates	2010																																								
Title of qualification awarded	Educational and Scientific degree "Doctor", Diploma № 34507/18.08.2010; Scientific specialty 02.08.04 "Open pit and underwater mining", Professional field 5.8. "Exploration, extraction and treatment of minerals"																																								
Educational institution	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies Department of Open Pit Mining and Blasting, 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.																																								
Dates	1996 – 2001																																								
Title of qualification awarded	Mining Engineer - Master in Mining Engineering Specialty "Mining", Specialization "Open Pit Mining"																																								
Educational institution	University of Mining and Geology "St. Ivan Rilski", Faculty of Mining Technologies 1700 Sofia, Bulgaria, Studentski grad, Prof. Boyan Kamenov Str.																																								
Mother tongue(s)	Bulgarian																																								
Other language(s)	English, Russian																																								
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 level</td> <td>C1</td> <td>Proficient level</td> <td>C1</td> <td>Proficient level</td> <td>C1</td> <td>Proficient level</td> <td>C1</td> <td>Proficient level</td> </tr> <tr> <td>C1</td> <td>Proficient level</td> <td>C1</td> <td>Proficient level</td> <td>C1</td> <td>Proficient level</td> <td>C1</td> <td>Proficient level</td> <td>C1</td> <td>Proficient level</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Listening		Reading		C1	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level
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<i>European level (*)</i>																																									
English																																									
Russian	(*) Common European Framework of Reference for Languages																																								
Professional information and applications																																									
Professional and Research interests (key words)	Open Pit Mines and Quarry Design, Construction, Mining and Operation. Organization and Mining Production Processes Control. Raw Materials Mining Quality Management. Mining Processes and Technologies. Mining Damages Terrains Reclamation. Underwater Mining.																																								

Membership of professional and trade organization

Chamber of Engineers in the Investment Design.
Professional Certificate of Full Design Competence, License № 11697, Part "Mining".
Explosives Manager's Certificate of Competency, № 00-1519/29.05.1998.
Blast Designer Certificate Second Degree (05.11.2008), Higher School of Blasting Activities, University of Mining and Geology "St. Ivan Rilski", Sofia.
Certificate №005034 for Blast Designer First Degree, General Labour Inspectorate Executive Agency.
Member to the Permanent Commission of the Ministry of Energy, Republic of Bulgaria, 2014 – at present.
Member of Science Council to the Minister for the Environment and Water, 2018 - at present.
Internal Auditor on Environmental Management Systems, ISO 14001:2004.
Internal Auditor on Integrated Control Systems according to the requirements of ISO 9001:2000, ISO 14001:1996 и OHSAS 18001:2002.
Participation in the organization and scientific forums holding.
Member of the Organizing Committee of the International Scientific Conference of the University of Mining and Geology "St. Ivan Rilski", 2016 – at present.
Chairman of the Organizing Committee of the International Scientific Conference of the University of Mining and Geology "St. Ivan Rilski", 2020 – at present.
Member of the Organizing Committee of the VIII International Scientific Conference on geomechanics, 2018.
Member of the Organizing Committee of the XIII National Conference with International Participation in Open and Underwater Mining, 2015 - at present.
Member of the Organizing Committee of the XI Expert Counseling with International participation in Underground and Surface Exploitation and Geological Exploration of Mineral Resources, 2018 - at present.
Member of the Organizing Committee of the XII International Scientific Conference on Open and Underground Mining "Podex-Povex", 2019.
Member of the Organizing Committee of the XV International Scientific Conference in Open and Underwater Mining, 2019 - at present.
Member of the Editorial board of Geology and Mineral Resources Journal, 2013 - at present.

Publications

Over 100 publications in various national and international refereed and indexed scientific journals, conference proceedings, books and monographs. Author of 3 monographs and 10 books.

Projects

Supervisor of scientific and technological projects and programs (over 100), national and international.

Participation in scientific sessions, conferences and congresses (for last 5 year)

Chairman of the International Scientific Sessions:

- XV Balkan Mineral Processing Congress, Sozopol, Bulgaria, 12-16.06.2013.
- International Scientific Conference of the University of Mining and Geology "St. Ivan Rilski", 2012-2023.

Participation in Scientific Sessions and Conferences in Bulgaria:

- International Scientific Conferences of University of Mining and Geology "St. Ivan Rilski", 2004 – 2023.
- XV International Scientific conferences of Todor Kableshkov University of Transport, 2005.
- XII National Conference with International Participation in Open Pit and Underwater Mining, 26-30.06.2013.

- XV Balkan Mineral Processing Congress, Sozopol, Bulgaria, 12-16.06.2013.
- XIII National Conference with International Participate of the Open and Underwater Mining of Minerals, Varna, Bulgaria, 01-05.09.2015.
- National Scientific and Technical Conference "Mineral Resources and Sustainable Development", Sofia, 25.11.2015.
- XIV International Scientific Conferences in Open Pit and Underwater Mining, Varna, Bulgaria, 03.07-07.07.2017.
- III National Scientific and Technical Conference "Mineral Resources and Sustainable Development", Sofia, 25.11.2017.
- XV International Scientific Conferences in Open Pit and Underwater Mining, Varna, Bulgaria, 03.06-07.06.2019.
- III National Scientific and Technical Conference with International Participate "Technologies and Practices in Underground Construction and Mining", Devin, Bulgaria, 08 - 11.10.2019.
- XVI International Conference on Open and Underwater Mining, Varna, 06-10.09.2021.
- X International Geomechanics Conference, Varna, Bulgaria, 19-23.09.2022.
- XVII International Conference on Open and Underwater Mining, Varna, 18-22.09.2023.

Participation in Scientific Sessions and Conferences abroad:

- X International Scientific conferences "Podeks-Poveks", Ohrid, Republic of North Macedonia, 03-05.11.2017.
- III International Scientific Conference GEOBALCANICA, Skopje, Republic of North Macedonia, 20–21.05.2017.
- IX World Conference on Explosives & Blasting, Stockholm, Sweden, 10-13.09.2017.
- XI Expert Counseling with international participation in the area of Underground and Surface Exploitation and Geological Exploration of Mineral Resources, 09-11.11.2018 г.
- XXV World Mining Congress, Astana, Kazakhstan, 19-22.06.2018.
- IV International Scientific Conference GEOBALCANICA, Ohrid, Republic of North Macedonia, 15–16.05.2018.
- V Jubilee International Scientific Conference GEOBALCANICA, Sofia, Bulgaria, 13–14.05.2019.
- XII International Scientific conferences "Podeks-Poveks", Ohrid, Republic of North Macedonia, 01-03.11.2019.
- X World Conference on Explosives and Blasting, Helsinki, Finland, 15-18.09.2019.
- XI EFEE World Conference on Explosives and Blasting, Maastrich, Netherlands, 15-17.05.2022.
- XIX Balkan Mineral Processing Congress, Prishtine, Kosovo, 28-31.05.2023.
- 26th World Mining Congress, Brisbane, Australia 26-29.07.2023.
- Lisbon Energy Summit and Exhibition, Lisbon, Portugal, 28.05-01.06.2023.
- 9th World Energy Congress (WEC), Osaka, Japan, 14.05-21.05.2023.
- Future Minerals Forum and Exhibition, Riyadh, Saudi Arabia, 11-12.01.2023.

Specialization abroad
(for last 5 year)

1st International Summer School: From Dredging to Deep-sea mining,
Certificate from Technische Universität Bergakademie Freiberg, Germany, 2015.

Other professional skills

Member of the Management Board of the Bulgarian Chamber of Mining and Geology, 2020 - present.

Invited lecturer in Sofia University "St. Kliment Ohridski", Sofia, Bulgaria.

Invited lecturer in Goce Delčev University of Štip, Republic of North Macedonia.

Expert of the Bulgarian Chamber of Mining and Geology in mining industry sustainable development fields, 2011 – present.

Scientific Expert – Consultant to mining companies in open pit and underwater mining and operation.

Reviewer of theses, curricula, dissertations for obtaining scientific degrees and academic positions, research projects, scientific publications in the Journal of Mining and Geological Sciences etc.

Development of new lecture courses, seminars and workshops on subjects:

- Complex Ores Mining Quality Management - "Master" degree.
- Coal, Industrial Minerals and Rocks Mining Quality Management - "Master" degree.
- Rock-Lining Materials Mining Technologies - "Master" degree.
- Mining software - "Master" degree.
- Investment process and methods for evaluating investment projects - "Master" degree.
- Industrial Minerals and Rocks mining – “Bachelor” degree.
- Mine roads Construction and Repair - “Bachelor” degree.

Lecturer at the Postgraduate Qualification Center of University of Mining and Geology “St. Ivan Rilski” (Lecture course: Blasting Techniques and Technologies).

Software skills: GEMCOM with apps: Wittle, Supac and Gems, ROCK SCIENCE with apps: Dips, Swage and Slide, Auto CAD (two dimensional and three-dimensional design and drawing).

Participation in scientific juries for awarding the Educational and Scientific degree "Doctor" (Ph.D.) and Scientific degree „Doctor of Science“ (D.Sc), academic positions “Chief Assistant Professor”, “Associate Professor”, “Professor”.

Faculty Council Chairman (Faculty of Mining Technologies, University of Mining and Geology “St. Ivan Rilski”), 2016 – 2019.

Chairman of the Academic Council of the University of Mining and Geology "St. Ivan Rilski", 2019 – present.

Academic Council Member (University of Mining and Geology “St. Ivan Rilski”).

Academic Mentor of students on project BG05M2OP001 “Student Practices”.

Scientific supervisor for over 90 successfully graduates master’s degree and 7 successfully graduate PhD students. Scientific supervisor of 2 full-time PhD students in training, Department of Open Pit Mining and Blasting.