



## Europass Curriculum Vitae



### Personal information

Surname(s) / First name(s)	<b>Ljubojev, Milenko</b>
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E-mail	milenko.ljubojev@irmbor.co.rs
Nationality	Serbian
Date of birth	17.12.1954
Gender	Male

### Work experience

Dates	From 2003 to present time
Occupation or position held	Adviser of General Manager for Science and Geomechanics
Main activities and responsibilities	Manager and founder of Laboratory for Material Analyzing
Name and address of employer	Mining and Metallurgy Institute Bor, Zeleni bulevar, 35, 19210, Bor, Serbia
Type of business or sector	Mining / Metallurgy
Dates	From 1998 to 2003
Occupation or position held	Assistant General Manager for Scientific – Research Work
Main activities and responsibilities	
Name and address of employer	Mining and Metallurgy Institute Bor, Zeleni bulevar, 35, 19210, Bor, Serbia
Type of business or sector	Mining / Metallurgy
Dates	From 1992 to 1998
Occupation or position held	Geomechanic Professor
Main activities and responsibilities	
Name and address of employer	Technical Faculty Bor, University of Belgrade
Type of business or sector	Mining / Metallurgy
Dates	From 1980 to 1992
Occupation or position held	Assistant Lectures
Main activities and responsibilities	
Name and address of employer	Mining – Geological Faculty Tuzla
Type of business or sector	Mining
Dates	From 1979 to 1980
Occupation or position held	Operative Engineer
Main activities and responsibilities	
Name and address of employer	Open pit of brown Coal "Turija" Banovici
Type of business or sector	

## Education and training

Dates	March 1992
Title of qualification awarded	<b>Ph.D</b> – Doctor of technical sciences in mining
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Geological Faculty Belgrade, Department for Geomechanics, Mechanics and Material Resistance
Level in national or international classification	VIII
Dates	January 1987
Title of qualification awarded	<b>Masters Degree - Master of technical sciences in mining.</b>
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Geological Faculty Belgrade, Department for general Rock Mechanics
Level in national or international classification	VII - 2
Dates	1974 - 1978
Title of qualification awarded	<b>B.Sc. - Bachelor's degree in Mining</b>
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Mining – Geological Faculty Tuzla, Department for Exploitation
Level in national or international classification	VII - 1

## Personal skills and competences

- President of Scientific Council of Copper Institute Bor
- Used to be a member of Committee for Energetics and Mining in Ministry of Science and Environment Protection
- Member of Association of Engineers and Technicians of Republic Serbia
- Member of Community of Institutes of Republic Serbia
- Member of Scientific and Organization Committee of the «October Conference on Mining and Metallurgy» with international participation
- President of Assembly of Committee for Underground Mining
- Member of Scientific Committee of international magazine «Journal of mining and metallurgy»
- Correspondent member of JINA
- Editor-in-chief of national scientific-expert magazine «Copper»
- Editor-in-chief and responsible editor of scientific-expert magazine «Mining Works» - leading magazine of national importance
- Project manager of Federal Ministry for Science, Technology and Development of Republic Serbia.
- Participated in development of large number of projects, studies and project reports out of which a large number published works.
- Worked on advanced training of personnel by giving help in development of seminar works, master thesis and doctoral dissertations.
- Published monographs:
  - Mining Geomechanics, 2003
  - Exploratory Drilling, 2004
  - Basis of Geomechanics, 2006

### KEY QUALIFICATIONS:

- Doctor of Technical Sciences, field Mining – Geomechanics – Soil and Rock Mechanics
- Long-year experience in the field of geomechanics in mining and construction
- 13 years experience in work at Mining – Geological Faculty and Electrotechnical Faculty in Tuzla on subjects: Soil and Rock Mechanics, Material Resistance and Theoretical Mechanics
- Manager and founder of Laboratory for Material Analyzing
- Long-year experience in the mines of metallic and non-metallic minerals in the areas of Serbia and ex-Yugoslavia

### INTERNATIONAL EXPERIENCE:

Country	Date	Project description	Role in project
Poland	1982	Project for mining and leaching of salt dome	Associate
Poland	1984	Project "Ugljevi" - subsidence	Associate
France	1988	Project of Natural Gas Storage	Manager DC16 TO 2.1.
Republika Srpska	2004-2007	Project of Mining-Geological Explorations – Open Pit Ugljevik, Open Pit Gacko	Project Manager

Mother tongue(s) Serbian

Other language(s)

Self-assessment

European level (\*)

Russian

French

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C1	C1	B2	B2	B2	
B2	B2	B2	B2	B2	

(\*) Common European Framework of Reference for Languages

Social skills and competences	<ul style="list-style-type: none"> <li>- Manager and founder of laboratory for material analyzing</li> <li>- Very good in cooperation with other people</li> <li>- Excellent working guider</li> </ul>
Organisational skills and competences	Successful participation in project teams
Technical skills and competences	<p>Knowledge of usage of P.C. with DOS and MS WINDOWS operating systems.  Advanced MS Office user.  Basic and Intermediate level in many Windows application including AutoCad.  Basic knowledge of MS Windows NT network architecture and administration  Using all electronic forms of communication (advanced internet user). / Privat acquired.</p>
Computer skills and competences	<p>Operative systems: Windows 98/2000/XP</p> <p>-Microsoft Office complet.</p>
Driving licence	Yes. B1
Additional information	<p><b>PUBLICATIONS:</b></p> <p>1.1. Scientific books and monographs of national importance</p> <p>1.1.1. Dr Milenko Ljubojev, R.Popovic  Mining Geomechanics  Copper Institute Bor, 2003.</p> <p>1.1.2. Stanimir Pajkic, Dr Milenko Ljubojev  Exploratory Drilling – Technique and Technology  Copper Institute Bor, 2004.</p> <p>1.1.3. Dr Milenko Ljubojev, Ratomir Popovic  Basis of Geomechanics  Copper Institute Bor, 2006.</p> <p>2. TECHNICAL SOLUTIONS</p> <p>2.1. Prototype – New Method</p> <p>2.1.2. M.Sc. P.Dimovski, Dr M.Ljubojev, Dr M.Ignjatovic  New Method of Monitoring the Deformation Effects, Control and Measuring in the Overmining Rock Masive as the Result of Ore Exploitation in the Ore Body "Borska Reka"</p> <ul style="list-style-type: none"> <li>• Users: RTB Bor</li> <li>• Result: R 33 from 2002.</li> </ul>
<b>Annexes</b>	References

## REFERENCES

### 3. PUBLISHED WORKS OF INTERNATIONAL IMPORTANCE

#### 3.1. Works in magazines of international importance

- 3.1.1. Ratomir Popović, Milenko Ljubojev, Tomislav Vukobratović  
Determination of Stress on Support Made of Concrete Elements in the Swell Rocks – 2002, JOURNAL OF MINING AND METALLURGY, 38(1-2)A, 21-29.
- 3.1.2. Dr Mirko Ivkovic, Milenko Ljubojev, Aca Mladenovic  
Issurance of Underground Mining Qarters with Tehnology of Concrete Lining – 2002, JOURNAL OF MINING AND METALLURGY, 38(1-2)A, 30-41.

- 3.1.3. R.Popovic, M.Ljubojev, M.Bugarin  
Basis of Setting the Mechanical Models  
Mining – Geological Herald, 2006, Mostar, 2006.
- 3.1.4. M. Ljubojev, M. Ivković, J. Miljanović, L. Đurđevac Ignjatović, Testing of geomechanical properties of coal series in order for support determination of the mechanized stope on the example of "Stara Jama" mine in Lubnica, 2009., Journal of mining and metallurgy, vol. 45, num.1, 58-70
- 3.1.5. M. Ljubojev, M. Avdić, M. Bugarin, R. Popović, D. Ignjatović, Tunnel analysis in fault zones and the effects of stress distribution on the support, 2009., Journal of mining and metallurgy, vol. 45, num.1, 49-57
- 3.1.6. M. Ljubojev, R. Popovic, M. Avdic, L. Đurđevac Ignjatovic, V. Ljubojev  
Defining the legality of gray sandstone rock strength testing in a complex state of stress 2010, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol.5, 3/2010,437-443, [www.ttem-bih.org](http://www.ttem-bih.org)
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Geomechanical laboratory conditions of rock fracture, 2010, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol.5, 3/2010, 544-547, [www.ttem-bih.org](http://www.ttem-bih.org)
- 3.1.8. Dragoslav Rakić, Laslo Caki, Milenko Ljubojev  
Deformable characteristics of the old municipal solid waste from Ada Huja location, Belgrade – Serbia, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM , vol.5, 1/2011, 544-547, [www.ttem-bih.org](http://www.ttem-bih.org)
- 3.1.9. M.Ljubojev, R.Popović, D.Ignjatović  
Fizičko-mehaničke karakteristike stena trase novog tunela „Kriveljska reka“ i razlozi za izmeštanje starog, GEO-EXPO 2011, 1/2011, 20-36
- 3.1.10. M.Ivković, M.Bugarin, M.Ljubojev, V.Ljubojev, D.Rakić  
Categorization of underground coal mines in Serbia related to the potential risks depending on natural-geological conditions, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol.7, 2/2012, 469-474, [www.ttem-bih.org](http://www.ttem-bih.org)
- 3.1.11. M.Bugarin, M.Ivković, V.Ljubojev, M.Ljubojev, D.Rakić  
Natural and geological conditions of coal mining the pits of the brown coal mine „Rembas“ Resavica, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol.7, 2/2012, 673-678, [www.ttem-bih.org](http://www.ttem-bih.org)
- 3.1.12. M. Bugarin, R. Jonovic, Lj. Avramovic, M. Ljubojev, Z. Stevanovic, V. Marinkovic  
Integrated treatment of waste water and solid mining waste, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol.8, 1/2013, 423-430, [www.ttem-bih.org](http://www.ttem-bih.org)
- 3.1.13. Ratimir Popović, Milenko Ljubojev, Dragan Ignjatović  
SIDE PRESSURE OF SOIL ON A SUPPORTING WALL AT THE EFFECT OF DYNAMIC LOAD ON THE SURFACE, Rudarski radovi (Mining engineering) No 1/2013., p.p. 43-48, ISSN 1451-0162, UDC 622, Doi: 10.5937/rudrad1301037P
- 3.1.14. Salko Ćosić, Mevludin Avdić, Amir Sušić, Milenko Ljubojev  
Finite Element Analysis of Deep Underground Salt Caverns, Mining and Metallurgy Engineering Bor No 3/2013., p.p. 65-81, ISSN 2334-8836, UDC 622, Doi: 10.5937/MMEB1303065C
- 3.1.15. M.Ljubojev, R.Popović, M.Bugarin, D.Ignjatović, L.Đurđevac-Ignjatović  
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- 3.1.16. K.Đoković, D.Rakić, M.Ljubojev  
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- 3.1.20. D.Zlatanović, M.Ljubojev, L.Đurđevac-Ignjatović, G.Stojanović  
MODELING OF ROCK MASSIF IN THE JAMA BOR WITH SPECIAL FOCUS ON THE PREVIOUS EXPLORATIONS OF THE ORE BODY „BORSKA REKA"  
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- 3.2.1. M.Ljubojev, M.Ivkovic, M.Ignjatovic  
Oil Shales Geological Properties of Aleksinac Region  
X Balkan Mineral Processing Congress, Varna, Bulgaria, 2003.
  - 3.2.2. M.Ivkovic, M.Ljubojev, M.Ignjatovic, V.Ljubojev  
Mining Method in Boron Ore "Pobrdje" Deposit  
X Balkan Mineral Processing Congress, Varna, Bulgaria, 2003.
  - 3.2.3. M.Ljubojev, V.Bijelic, M.Ivkovic  
Appearance of Rock Bursts in the Raspotocje  
X Balkan Mineral Processing Congress, Varna, Bulgaria, 2003.
  - 3.2.4. V.Ljubojev, S.Krstic, M.Ljubojev  
Perspective of the Gabbro Peridotitic Massive Deli Jovan  
II Conference of Geologists from Bosnia and Herzegovina with International Participation, Teslic, 23-24  
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  - 3.2.5. M.Ljubojev, V.Ljubojev, S.Krstic  
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  - 3.2.6. R.Popovic, M.Ljubojev, M.Bugarin  
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*Effect underground water level and fracture of massif rock on stability tunnel of Krivelj's river in Bor*, 41<sup>st</sup>  
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- 3.2.17. M.Ljubojev, D.Ignjatović, V.Ljubojev, L.Đurđevac Ignjatović, S.Krstić  
*Determination of rock quality index during tunneling*, 42<sup>nd</sup> International October conference on Mining  
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- 3.2.18. D.Ignjatović, M.Ljubojev, L.Đurđevac Ignjatović, V.Ljubojev, M.Jovanović  
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*Importance of rock mass classification before building of the tunnel*, 42<sup>nd</sup> International October  
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