

## NEW MEMBERS OF EDITORIAL BOARD



### Dorđe Nikolić

University of Belgrade, Technical Faculty in Bor,  
Engineering Management Department  
Vojske Jugoslavije 12, 19210 Bor, Serbia

Telephone: +381 (30) 424 547 loc. 115

Fax: +381 (30) 421 078

Email: [djnikolic@tfbor.bg.ac.rs](mailto:djnikolic@tfbor.bg.ac.rs) and  
[djnikolic@emd.edu.rs](mailto:djnikolic@emd.edu.rs)

Web: [www.menadzment.tfbor.bg.ac.rs](http://www.menadzment.tfbor.bg.ac.rs)

**Associate Profesor Dorđe Nikolić** (Ph.D.) was born on 30. IV 1981. in Bor, Serbia.

#### *Education:*

He finished his primary and secondary education in Bor. Graduated in 2006 at the University of Nis, The Faculty of Mechanical Engineering, Serbia, Chair for Transport Technology and Logistics.

He holds Doctoral Degree from University of Belgrade in Engineering Management, and he received this scientific degree in the year of 2010.

#### *Posts:*

Since the year 2008, he has been working at the Technical Faculty in Bor, first as an

assistant, than as a lecture and associate professor for subjects:

1. Decision Theory (B.S. level)
2. Management Information Systems (B.S. level)
3. Systems Management (M.S. level)
4. Theoretical Fundamentals for Preparing Master Thesis (M.S. level)
5. Quantitative Methods (Ph.D. level)

#### *Publications:*

He is interested in applied management, especially in quantitative methods and multi-criteria decision theory. He is author or co-author of one book and several scientific papers: 28 papers have been published in SCI, SSCI and SCI-e journals that are cited 109 times (source: Scopus 28.03.2018), 12

papers have been published in national scientific journals, and over 35 papers are published on international and national symposiums.

*Guest lecturer at foreign universities (short-term stays):*

- November, 2017, Budapest, Hungary. Óbuda University Keleti, Faculty of Business and Management (lecture topic: Application of the hybrid MCDM (Multi-criteria Decision Making) models in the framework of SWOT analysis for strategic decision making)
- April, 2017, Joensuu, Finland. University of Eastern Finland, School of Forest Sciences (lecture topic: Application of SWOT-ANP hybrid model for prioritization of strategies for sustainable development of ecotourism concept in national parks)
- April, 2016, Budapest, Hungary. Óbuda University Keleti, Faculty of Business and Management (lecture topic: Development and application of the hybrid multi-criteria decision making models in fuzzy environment)
- April, 2013, Skopje, F.Y.R. Macedonia. University American College Skopje ((lecture topic: Business decision making process supported by the multi-criteria decision making tools)

*Professional activities:*

- Member of Organizing Committee at the International May Conference on Strategic Management (www.mksm.sjm06.com)
- President of Organizing Committee at the International Symposium on Environmental and Material Flow Management – EMFM2014, EMFM2016 and EMFM2017 (www.emfm.tfbor.bg.ac.rs)

*Some important publications:*

1. Mladenović-Ranisavljević, I.I., Takić, L., Nikolić, Đ. Water Quality Assessment Based on Combined Multi-Criteria Decision-Making Method with Index Method, Water Resources Management, 2018, pp. 1-16, Article in press
2. Arsić, S., Nikolić, Dj., Mihajlović, I., Fedajev, A., Živković, Ž. A New Approach Within ANP-SWOT Framework for Prioritization of Ecosystem Management and Case Study of National Park Djerdap, Serbia, Ecological Economics, Vol 146, 2018, pp. 85-95.
3. Radulescu, M., Fedajev, A., Nikolic, D. Ranking of EU national banking systems using multi-criteria analysis in the light of Brexit, Acta Oeconomica, Vol 67, No 4, 2017, pp. 473-509
4. Arsic, S., Nikolic, Dj., Zivkovic, Z. Hybrid SWOT - ANP - FANP model for prioritization strategies of sustainable development of ecotourism in National Park Djerdap, Serbia, Forest Policy and Economics, Vol 80, July 2017, 2017, pp. 11-26.
5. Zivkovic, Z., Nikolic, Dj., Savic, M., Djordjevic, P., Mihajlovic, I. Prioritizing Strategic Goals in Higher Education Organizations by Using a SWOT–PROMETHEE/GAIA–GDSS Model, Group Decision and Negotiation, Vol 26, No 4, pp. 829-846.
6. Stojcetovic, B., Nikolic, Dj., Velinov, V., Bogdanovic, D. Application of integrated strengths, weaknesses, opportunities, and threats and analytic hierarchy process methodology to renewable energy project selection in Serbia. Journal of Renewable and Sustainable Energy Vol 8, No 3, 2016, 035906.
7. Živković, Ž., Nikolić, Dj., Djordjević, P., Mihajlović, I., Savić, M.

- Analytical network process in the framework of SWOT analysis for strategic decision making (Case study: Technical faculty in Bor, University of Belgrade, Serbia). *Acta Polytechnica Hungarica*, Vol 12, No 7, 2015, pp. 199-216.
8. Nikolić, Dj., Spasić, J., Živković, Ž., Djordjević, P., Mihajlović, I., Kangas, J. SWOT - AHP model for prioritization of strategies of the resort Stara Planina, *Serbian Journal of Management*, Vol 10, No 2, 2015, pp. 141-150
9. Savic, M., Nikolic, Dj., Mihajlovic, I., Zivkovic, Z., Bojanov, B., Djordjevic, P. Multi-criteria decision support system for optimal blending process in zinc production, *Mineral Processing and Extractive Metallurgy Review*, Vol 36, No 4, 2015, pp. 267-280.
10. Stojčetočić, B., Nikolić, Đ., Velinov, V., Application of SWOT-AHP method in strategy selection- Case of Ski centre Brezovica, *Acta Oeconomica Universitatis Selye*, Vol 4, No 1, 2015, pp. 106- 113.
11. Milijić, N., Mihajlović, I., Nikolić, Đ., Živković, Ž.. Multicriteria analysis of safety climate measurements at workplaces in production industries in Serbia, *International Journal of Industrial Ergonomics*, Vol 44, No 4, 2014, pp. 510-519.
12. Arsic, M., Nikolic, Dj., Mihajlovic, I., Zivkovic, Z. Monitoring of the surface ozone concentrations in the western banat region (Serbia). *Applied Ecology and Environmental Research*, Vol 12, No 4, 2014, pp. 975-989.
13. Savić, M., Đorđević, P., Nikolić, Đ., Mihajlović, I., Živković, Ž. Bayesian inference for risk assessment of the position of study program within the integrated university: a case study of engineering management at technical faculty in Bor, *Serbian Journal of Management*, Vol 9, No 2, 2014, pp. 231-240.
14. Djordjevic, P., Mitevska, N., Mihajlovic, I., Nikolic, Dj., Zivkovic, Z., Effect of the slag basicity on the coefficient of distribution between copper matte and the slag for certain metals, *Mineral Processing and Extractive Metallurgy Review*, Vol 35, No 3, 2014, pp. 202-207.
15. Savić, M., Đorđević, P., Nikolić, Đ., Mihajlović, I., Živković, Ž. Modeling the influence of EFQM criteria on employees satisfaction and loyalty in transition economy: the study of banking sector in Serbia, *Serbian Journal of Management*, Vol 9, No 1, 2014, pp. 15-30.
16. Papić, M., Vuković, V., Bikit, I., Mrđa, V., Forkapić, S., Bikit, K., Nikolić, Đ. Multi-criteria analysis of soil radioactivity in Čačak basin, Serbia, *Romanian Journal of Physics*, Vol 59, No 7-8, 2014, pp. 846-861.
17. Djordjevic, P., Nikolic, Dj., Jovanovic, I., Mihajlovic, I., Savic, M., Zivkovic, Z, Episodes of extremely high concentrations of SO<sub>2</sub> and particulate matter in the urban environment of Bor, Serbia, *Environmental Research*, Vol 126, 2013, pp. 204-207.
18. Arsic, M., Nikolic, D., Mihajlovic, I., Zivkovic, Z., & Djordjevic, P. , Monitoring of ozone concentrations in the Belgrade urban area. *Journal of Environmental Protection and Ecology*, Vol 13, No 4, 2012, pp. 2057-2067
19. Savić, M., Đorđević, P., Nikolić, Đ., Mihajlović, I., Živković, Ž. Combination of knowledge in the system suppliers - MSP - customers in the transitional economy environment in Serbia, *Journal of Applied Engineering Science*, Vol 10, No 4, 2012, pp. 227-233.
20. Mihajlović, I., Štrbac, N., Đorđević, P., Mitovski, A., Nikolić, Đ., Živković, Ž.

- Optimum conditions for copper extraction from the flotation waste using factorial experimental design. *Environment Protection Engineering*, Vol 38, No 4, 2012, pp. 171-184.
21. Arsić, M., Nikolić, Dj., Živković, Ž., Urošević, S., Mihajlović, I., The effects of TQM on employee loyalty in transition economy, Serbia, *Total Quality Management and Business Excellence*, Vol 23, No 5-6, 2012, pp. 719-729.
22. Bogdanovic, D., Nikolic, Đ., Ilic, I., Mining method selection by integrated AHP and PROMETHEE method, *Anais da Academia Brasileira de Ciências*, Vol 84, No 1, 2012, pp. 1-4.
23. Djordjevic, P., Mitevska, N., Mihajlovic, I., Nikolić, Dj., Manasijevic, D., Živkovic, Z. The effect of copper content in the matte on the distribution coefficients between the slag and the matte for certain elements in the sulphide copper concentrate smelting process, *Journal of Mining and Metallurgy Section B-Metallurgy*, Vol 48, No 1, 2012, pp. 143-151.
24. Mladenović - Ranisavljević, I., Takić, Lj., Vuković, M., Nikolić, Dj., Živković, N., Milosavljević, P., Multicriteria Ranking of the Danube Water Quality on its Course Through Serbia, *Serbian Journal of Management*, Vol 7, No 2, 2012, pp. 299-307.
25. Mihajlović, I., Živković, Ž., Nikolić, Dj., Adaptation of the HP LIFE program for promotion of the entrepreneurship among young people, *Serbian Journal of Management*, Vol 7, No 2, 2012, pp. 321-325.
26. Arsić, M., Milijić, N., Živković, D., Nikolić, Dj., Živković, Ž., The Analysis of Scientific - Research Work of Group of Technical Faculties of Belgrade University in the Post-Accreditation Period, *Serbian Journal of Management*, Vol 7, No 1, 2012, pp. 9-24.
27. Obradović, S., Fedajev, A., Nikolić, Dj., Analysis of Business Environment Using the Multi-Criteria Approach - Case of Balkan's Transition Economies, *Serbian Journal of Management*, Vol 7, No 1, 2012, pp. 37-52.
28. Arsić, M., Nikolić, Đ., Đorđević, P., Mihajlovic, I., Živković, Ž. Episodes of extremely high concentrations of tropospheric ozone in the urban environment in Bor – Serbia, *Atmospheric Environment*, Vol 45, No 32, 2011, pp. 5716-5724.
29. Mihajlovic, I., Štrbac, N., Nikolic, Dj., Živković, Ž., Potential metallurgical treatment of copper concentrates with high arsenic contents, *SAIMM - Journal of The Southern African Institute of Mining and Metallurgy* Vol 111, No 6, 2011, pp. 409-416.
30. Nikolić, Dj., Milošević, N., Živković, Ž., Mihajlović, I., Kovačević, R., Petrović, N. Multi-criteria analysis of soil pollution by heavy metals in the vicinity of the Copper Smelting Plant in Bor (Serbia), *Journal of the Serbian Chemical Society*, Vol 76, No 4, 2011, pp. 625-641.
31. Nikolić, Đ., Milošević, N., Mihajlović, I., Živković, Ž., Tasić, V., Kovačević, R., Petrović, N. Multi-criteria Analysis of Air Pollution with SO<sub>2</sub> and PM<sub>10</sub> in Urban Area Around the Copper Smelter in Bor, Serbia, *Water, Air and Soil Pollution*, Vol 206, 2010, pp. 369-383.
32. Nikolić, Đ., Jovanović, I., Mihajlović, I., Živković, Ž. Multi-criteria ranking of copper concentrates according to their quality- An element of environmental management in the vicinity of copper-smelting complex in Bor, Serbia, *Journal of Environmental Management*, Vol 91, No 2, 2009, pp. 509-515.
33. Djuric, I., Djordjevic, P., Mihajlovic,

I., Nikolic, Đ., Živković, Ž. Prediction of Al<sub>2</sub>O<sub>3</sub> leaching recovery in the Bayer process using statistical multilinear regression analysis, *Journal of Mining and Metallurgy B: Metallurgy*, Vol 46, No 2, 2010, pp. 161-169.

34. Živković, Ž., Mitevska, N., Mihajlović, I., Nikolić, Đ. Copper losses in sulfide concentrate smelting slag are dependent on slag composition, *Minerals and Metallurgical Processing*, Vol 27, No 3, 2010, pp. 141-147.

35. Živković, Ž., Mitevska, N., Mihajlović, I., Nikolić, Đ., The influence of the silicate slag composition on copper losses during smelting of the sulfide concentrates, *Journal of Mining and Metallurgy B: Metallurgy*, Vol 45, No 1, 2009, pp. 23-34.

36. Mihajlović, I., Nikolić, Đ., Štrbac, N., Živković, Ž. Statistical modeling in ecological management using the Artificial Neural Networks (ANN), *Serbian Journal of Management*, Vol 5, No 1, 2010, pp. 39-50.

37. Đurić, I., Nikolić, Đ., Vuković, M. The role of Case study method in management research, *Serbian Journal of Management*, Vol 5, No 1, 2010, pp. 175-185.

38. Živković, Ž., Mihajlović, I., Nikolić, Đ. Artificial neural network method applied on the nonlinear multivariate, *Serbian Journal of Management*, Vol 4, No 2, 2009, pp. 143-155.