

Curriculum vitae

1. First and family name: Branka Dimitrijević
2. Date of birth: 22 February 1969
3. Nationality: Serbian
4. Education

Institution	Degree(s) or Diploma(s) obtained:
University of Belgrade - Faculty of Transport and Traffic Engineering, Serbia. (FTTE)	Ph.D. Thesis: "A contribution to the model development in solving one class of location problem", 2006.
FTTE	M.Sc. Thesis: "Multicriteria optimization model and algorithm for location selection ", 1999.

5. Professional experience

Date	Company	Position
2012-present day	FTTE	Associate Professor
2006-2012	FTTE	Assistant Professor
2006-2011	FTTE	Teaching and Research Assistant

6. Membership of professional bodies

- Member of the Serbian society of operations researchers
- Member of the Programme committee of Symposium on operations research – SYMOPIS (2009-present day)
- Member of the Programme committee of Symposium on novel technologies in postal and telecommunication traffic (2006-present day)
- Organizing committee chair of XXXV Symposium on Operational Research – SYMOPIS 2008
- Chair-lady of the of the 2nd Logistics International Conference – LOGIC 2015
- Reviewer of "International Journal of Systems Science", "Yugoslav Journal of Operations Research", "Balkan Conference on Operational Research - BALCOR", "Symposium on Operational Research – SYMOPIS"
- President of FTTE Council (2013-present day)

7. Key qualifications

- Research in transport, operations research applied to traffic and transport engineering, transport networks analysis, routing, location analysis, computational intelligence in traffic (fuzzy logic, neural networks, and genetic algorithms), development of new metaheuristic algorithms, multi criteria decision making.
- Courses: "Optimization methods", "Operational Research in communications", "Selected chapters of operations research I", "Selected chapters of operations research II" and "Multi-criteria decision making"
- Participant at the Twelfth EURO Summer Institute on Locational Analysis, Tenerife, Spain, June, 1995

8. Most relevant projects

Country	Title, date	Description
Serbia	"Optimization of distribution and reverse flows in logistic systems", Ministry of Education, Science and Technological Development, Belgrade, Serbia, 2011-2015, research program in technological development, No. TR36006	Member of team
Serbia	"Optimization of Logistic Processes of the Secondary Distribution of Petroleum Products", Ministry of Education, Science and Technological Development, Belgrade, Serbia, research program in technological development, No. TR15018, 2008-2011	Member of team
Serbia	Organization of XXV Symposium on Operational Research, 2008	Project leader

9. Most relevant publications

9.1 Journal papers

1. Bugarinović M., **Dimitrijević B.**, Bošković B. (2015) The missing component in rail charging modeling—access charges principle selection, *International Transactions in Operational Research*, 22(5), pp. 841-859.
2. Simić V., **Dimitrijević B.** (2015) Interval linear programming model for long-term planning of vehicle recycling in the Republic of Serbia under uncertainty, *Waste Management & Research*, 33(2), pp. 114-129.
3. Simić V., **Dimitrijević B.** (2013) Modeling of automobile shredder residue recycling in the Japanese legislative context, *Expert Systems with Applications*, 40(18), pp. 7159-7167.)
4. Simić V., **Dimitrijević B.** (2013) Risk explicit interval linear programming model for long-term planning of vehicle recycling in the EU legislative context under uncertainty, *Resources, Conservation and Recycling*, Vol. 73, pp. 197-210.
5. **Dimitrijević B.**, Teodorovic, D., Simic, V., Selmic, M. (2012) Bee Colony Optimization Approach to Solving the Anti-covering Location Problem, *Journal of Computing in Civil Engineering*, 26(6), pp.759–768.
6. Simić V., **Dimitrijević B.** (2012) Modelling production processes in a vehicle recycling plant, *Waste Management & Research*, 30(9), pp. 940-948
7. Simić, V., **Dimitrijević, B.** (2012) Production planning for vehicle recycling factories in the EU legislative and global business environments, *Resources, Conservation and Recycling*, 60, pp. 78-88.
8. Vidovic M., **Dimitrijevic B.**, Ratkovic B., Simic V. (2011), A novel covering approach to positioning ELV collection points, *Resources, Conservation and Recycling*, Vol. 57, pp. 1-9.
9. Avella P., Benati C., Cánovas Martínez L., Dalby D., Di Girolamo D., **Dimitrijevic B.**, et al. (1998) Some Personal Views on the Current State and Future of Locational Analysis, *European Journal of Operational Research*, Vol. 104, No.2, pp. 269-287. Optimization Algorithm and its Convergence, *International Journal of Bio-Inspired Computation*, 1-13
10. **Dimitrijević, B.**, Nikolić, M., Vukićević, I., Vukadinović, K. (2013), Locating Undesirable Facilities with Variable Coverage Radius, *Proceedings of the XI Balkan Conference on Operational Research – BALCOR 2013*, pp. 524-531, Belgrade

9.2. Books and Chapters

11. Nedeljković R, **Dimitrijević B**, Operations research in postal and telecommunication traffic, Faculty of Transport and Traffic Engineering, 2010 (In Serbian)
12. Teodorović D, Vidović M, Vukadinović K, **Dimitrijević B**, Šelmić M, XLI Symposium on Operations

Research - SYMOPIS 2014 - Editors of conference proceedings, University of Belgrade, Faculty of Transport and Traffic Engineering.

13. Teodorović D, Vidović M, Vukadinović K, **Dimitrijević B**, XXV Symposium on Operations Research - SYMOPIS 2008 - Editors of conference proceedings, University of Belgrade, Faculty of Transport and Traffic Engineering.
14. Teodorović D, **Dimitrijević B**, Šelmić M, Location Analysis in Transportation, Chapter In The Routledge Handbook of Transportation (Ed. D. Teodorović), Routledge 2015.