

Dr Bojan Srđević, profesor emeritus

Uža naučna oblast: Informatika i sistemska analiza

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Obrazovanje

- **Doktor nauka (1987)** – Fakultet tehničkih nauka u Novom Sadu, Doktorska disertacija: "*Identifikacija dugoročnih strategija upravljanja sistemima akumulacija primenom mrežnih modela*"
- **Magistar nauka (1984)** – Elektrotehnički fakultet Univerziteta u Beogradu, smer – Upravljanje sistemima
- **Dipl. inž. (1974)** – Elektrotehnički fakultet Univerziteta u Beogradu, smer – Elektronika i telekomunikacije

Odabrane publikacije

1. Srđević B., Srđević Z. (2013): Synthesis of individual best local priority vectors in AHP-group decision making, *Applied Soft Computing* 13 (2013): 2045-2056, Elsevier.
2. Srđević Z., Bajcetić R., Srđević B. (2012): Identifying the criteria set for multicriteria decision making based on SWOT/PESTLE analysis: a case study of reconstructing a water intake structure, *Water Resources Management* 26: 3379-3393, Springer.
3. Srđević B., Srđević Z. (2011): Bi-criteria evolution strategy in estimating weights from the AHP ratio-scale matrices, *Applied Mathematics and Computation* 218: 1254-1266, Elsevier.
4. Srđević B., and Medeiros Y.D.P. (2008): Fuzzy AHP assessment of water management plans, *Water Resources Management* 22: 877-894.
5. Srđević B. (2005): Combining different prioritization methods in analytic hierarchy process synthesis, *Computers & Operations Research* 32 (7): 1897-1919.

Odabrani projekti

1. Teorija i primena Analitičkog hijerarhijskog procesa (AHP) za višekriterijumsko odlučivanje u uslovima rizika i neizvesnosti (individualni i grupni kontekst), projekat osnovnih istraživanja finansiran od strane Ministarstva prosvete i nauke Republike Srbije (2011-2016) (rukovodilac)
2. Payments for Ecosystem Services (Forests for Water) EU COST CA15206 (2016-2020) (nacionalni delegat i član upravnog odbora projekta)
3. Validating and Integrating Downscaling Methods for Climate Change Research, EU COST ES1102 (2011-2015) (nacionalni delegat i član upravnog odbora projekta)
4. Forest models for research and decision support in sustainable forest management, EU COST FP0603 (2007 - 2011) (nacionalni delegat i član upravnog odbora projekta)
5. Lowland agricultural water management (LOLAqua), Internationally oriented M.Sc. course, EU TEMPUS (2006 - 2009) (koordinator)

Akadske aktivnosti

- **Nastava** iz uže naučne oblasti na osnovnim akademskim, master i doktorskim studijama.
- **Mentor** 3 doktorske disertacije. Učesnik u većem broju komisija za odbranu radova na svim nivoima studija.
- **Mentor** 7 magistarskih i master teza. Učesnik u većem broju komisija za odbranu radova na svim nivoima studija.

Članstvo u udruženjima

- IFAC Working Group on Water Resources
- Balkansko društvo za operaciona istraživanja
- Savez inženjera i tehničara Srbije
- Društvo za odvodnjavanje i navodnjavanje

Ostale aktivnosti

- Šef Katedre za uređenje voda, Poljoprivredni fakultet, Univerzitet u Novom Sadu
- Učešće u radu organa i tela Poljoprivrednog fakulteta Univerziteta u Novom Sadu
- Recenzent u brojnim časopisima sa impakt faktorom (Elsevier, Springer, IEEE, ASCE IWA i dr.)
- Predavač na stranim univerzitetima (Nemačka i Brazil)
- Konsultant Svetske banke, Evropske komisije, BRL Ingenierie (Francuska), MAGNA Engenharia (Brazil) i dr.
- Predavanja po pozivu na međunarodnim kongresima, konferencijama i univerzitetima.
- Govori, čita i piše na engleskom jeziku, a služi se portugalskim jezikom

Professor Emeritus Bojan Srđević, Ph.D.

Field of research: Informatics and Systems Analysis

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Academic qualifications

- **Ph.D.** (1987) - University of Novi Sad, Faculty of Technical Sciences
- **M.Sc.** (1984) - University of Belgrade, Faculty of Electrical Engineering
- **B.Sc.** (1974) - University of Belgrade, Faculty of Electrical Engineering

Selected publications

1. Srđević B., Srđević Z. (2013): Synthesis of individual best local priority vectors in AHP-group decision making, *Applied Soft Computing* 13 (2013): 2045-2056, Elsevier.
2. Srđević Z., Bajčetić R., Srđević B. (2012): Identifying the criteria set for multicriteria decision making based on SWOT/PESTLE analysis: a case study of reconstructing a water intake structure, *Water Resources Management* 26: 3379-3393, Springer.
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5. Srđević B. (2005): Combining different prioritization methods in analytic hierarchy process synthesis, *Computers & Operations Research* 32 (7): 1897-1919.

Selected projects

1. Theory and application of Analytic hierarchy process (AHP) in multicriteria decision making under conditions of risk and uncertainty (individual and group context), fundamental research project funded by Serbian Ministry of Education and Science (2011-2016) (project leader)
2. Payments for Ecosystem Services (Forests for Water) EU COST CA15206 (2016-2020) (national delegate and member of the management committee)
3. Validating and Integrating Downscaling Methods for Climate Change Research, EU COST ES1102 (2011-2015) (national delegate and member of the management committee)
4. Forest models for research and decision support in sustainable forest management, EU COST FP0603 (2007 - 2011) (national delegate and member of the management committee)
5. Lowland agricultural water management (LOLAqua), Internationally oriented M.Sc. course, EU TEMPUS (2006 - 2009) (scientific coordinator)

Academic activities

- Teaching at undergraduate, postgraduate and doctoral studies
- Supervisor of 3 Ph.D. theses, and member in numerous examination boards at all academic levels
- Supervisor of 7 M.Sc. theses, and member in numerous examination boards at all academic levels

Memberships

- IFAC Working Group on Water Resources
- Balkan Society for Operations Research
- National Society of Engineers
- National Society for Irrigation and Drainage

Other activities

- Chair of the Catedra at the Department of Water Management, Faculty of Agriculture, University of Novi Sad
- Participation in the different bodies of the Faculty of Agriculture, University of Novi Sad
- Reviewer in numerous international journals with impact factor (Elsevier, Springer, IEEE, ASCE, IWA)
- Lecturer at foreign universities in Germany and Brasil
- Consultant of World Bank, European Commission, BRL Ingenierie (France), MAGNA Engenharia (Brasil), etc.
- Keynote lecturer at international congressesc and conferences
- Invited speaker at European universities
- Language skills: English, Portuguese

