

Dr Bojan Srđević, redovni profesor

Uža naučna oblast: Informatika i sistemska analiza

E-mail: bojans@polj.uns.ac.rs

Telefon: +381 21 4853 337

Obrazovanje

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

Odabrane publikacije

1. Srdjevic B., Srdjevic Z.: Synthesis of individual best local priority vectors in AHP-group decision making. Applied Soft Computing, Elsevier, 2013. In press (<http://dx.doi.org/10.1016/j.asoc.2012.11.010>)
2. Srdjevic Z., Bajcetic R., Srdjevic B.: 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, 2012.
3. Srdjevic B., Srdjevic Z.: Bi-criteria evolution strategy in estimating weights from the AHP ratio-scale matrices. Applied Mathematics and Computation 218, 1254-1266, Elsevier, 2011.
4. Srdjevic B., and Medeiros Y.D.P.: Fuzzy AHP assessment of water management plans. Water Resources Management 22, 877-894, Springer, 2008.
5. Srdjevic B.: Combining different prioritization methods in analytic hierarchy process synthesis. Computers & Operations Research 32 (7), 1897-1919, Elsevier, 2005.

Odabrani projekti

1. Lowland agricultural water management (LOLAqua), Internationally oriented M.Sc. course, EU TEMPUS (2006 - 2009) (koordinator)
2. Forest models for research and decision support in sustainable forest management, EU COST FP0603 (2007 - 2011) (nacionalni delegat i član upravnog odbora projekta)
3. 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 (2011-2014) (rukovodilac)
4. Validating and Integrating Downscaling Methods for Climate Change Research, EU COST ES1102 (2011-2015) (nacionalni delegat i član upravnog odbora projekta)
5. Assessment of EUROpean AGRiculture WATer use and trade under climate change, EU COST ES1106 (2011 - 2015) (učesnik)

Akadske aktivnosti

- **Nastava** iz uže naučne oblasti na osnovnim akademskim, master i doktorskim studijama
- **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 i dr.)
- Predavač na stranim Univerzitetima (Nemačka i Brazil)
- Konsultant za BRL Ingenierie (Francuska), MAGNA Engenharia (Brazil), European Commission (DG for Education and Culture Education), Svetsku Banku, itd.
- Predavanja po pozivu na međunarodnim konferencijama i na evropskim univerzitetima
- Govori, čita i piše na engleskom jeziku, a služi se portugalskim jezikom

Professor Bojan Srđević, Ph.D

Field of research: Informatics and Systems Analysis

E-mail: bojans@polj.uns.ac.rs

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Academic qualifications

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

Selected publications

1. Srdjevic B., Srdjevic Z.: Synthesis of individual best local priority vectors in AHP-group decision making. *Applied Soft Computing*, Elsevier, 2013. In press (<http://dx.doi.org/10.1016/j.asoc.2012.11.010>)
2. Srdjevic Z., Bajcetic R., Srdjevic B.: 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, 2012.
3. Srdjevic B., Srdjevic Z.: Bi-criteria evolution strategy in estimating weights from the AHP ratio-scale matrices. *Applied Mathematics and Computation* 218, 1254-1266, Elsevier, 2011.
4. Srdjevic B., and Medeiros Y.D.P.: Fuzzy AHP assessment of water management plans. *Water Resources Management* 22, 877-894, Springer, 2008.
5. Srdjevic B.: Combining different prioritization methods in analytic hierarchy process synthesis. *Computers & Operations Research* 32 (7), 1897-1919, Elsevier, 2005.

Selected projects

1. Lowland agricultural water management (LOLAqua), Internationally oriented M.Sc. course, EU TEMPUS (2006 - 2009) (coordinator)
2. Forest models for research and decision support in sustainable forest management, EU COST FP0603 (2007 - 2011) (national delegate and member of the management committee)
3. Theory and application of Analytic hierarchy process (AHP) in multicriteria decision making under conditions of risk and uncertainty (individual and group context), funded by Serbian Ministry of Education and Science (2011-2014) (project leader)
4. Validating and Integrating Downscaling Methods for Climate Change Research, EU COST ES1102 (2011-2015) (national delegate and member of the management committee)
5. Assessment of European agriculture water use and trade under climate change, EU COST ES1106 (2011 - 2015) (participant)

Academic activities

- Teaching at undergraduate, postgraduate and doctoral studies
- Supervisor of 7 M.Sc. thesis, 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

- Head 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)
- Lecturer at foreign Universities (Germany, Brasil)
- Consultancy work for BRL Ingenierie (France), MAGNA Engenharia (Brazil), European Commission (DG for Education and Culture Education), World Bank, etc.
- Keynote lectures at International Conferences and invited speeches at European Universities
- Language skills: English, Portuguese