

Dr Aleksandar Sedlar, docent
Uža naučna oblast: Poljoprivredna tehnika
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Obrazovanje

- **Dipl. inž. (2001)** - Poljoprivredni fakultet u Novom Sadu,
- **Magistar nauka (2006)** - Poljoprivredni fakultet u Novom Sadu, Magistarska teza: „Analiza metoda za testiranje prskalica“
- **Doktor nauka (2011)** - Poljoprivredni fakultet u Novom Sadu, Doktorska disertacija: “Kvalitet i efikasnost zaštite voćnjaka u zavisnosti od tipa orošivača i norme tretiranja ”

Odabrane publikacije (do 5, bez kategorizacije)

1. **A. Sedlar**, N. Đukić, R. Bugarin, 2008. Define of nozzle wear models and their significance for domestic nozzle production; Agricultural@Biosystems Engineering for a Sustainable World (AgEng 2008), Hersonissos-Crete, Greece, P-132.
2. Turan J, Findura P, Đalović I, **Sedlar A**, Bugarin R, Janić R. 2011. Influence of moisture content on the angle of repose of nitrogen fertilizer, International Agriphysics 25(2): 201-204.
3. **A. Sedlar**, N. Đukić, R. Bugarin, 2007. Inspection of sprayers and air assisted sprayers in Serbia; XXXII CIOSTA-CIGR Section V Conference Proceeding, p. 590-597, Nitra (Slovakia).
4. **A. Sedlar**, R. Bugarin, 2012. Quality of apricot orchard protection based on the type of air assisted sprayers and application rates; International Conference of Africultural Engineering (CIGR-AgEng 2012), Valencia – Spain, session 254, C-2334.
5. **Sedlar A**, Bugarin R, Turan J. 2012. Influence of selective pesticide application on ground drift in orchard Mendeleitch international 2012. ISBN 978-80-7375-625-3, Brno Check Republic.

Odabrani projekti (do 5, precizirati: učesnik, lokalni koordinator, koordinator, rukovodilac)

1. Projekat od posebnog značaja za republiku Srbiju TR.7030: „Razvoj metoda i uređaja za atestiranje i kontrolu mašina za zaštitu bilja“ (2005-2007) . (učesnik)
2. Project: HU-SRB/090/2.2/045-SHAPE: Hungary-Serbia IPA Cross-border Co-operation Programme: „Serbian-Hungarian Co-operation on Agrochemistry and pest-control Education (SHAPE)“ (2010-2011). (učesnik)
3. Projekat TR – 31046: „Unapređenje kvaliteta traktora i mobilnih sistema u cilju povećanja konkurentnosti, očuvanja zemljišta i životne sredine“ (2011-2015). (učesnik)
4. Projekat TR – 31025: „Razvoj novih sorti i poboljšanje tehnologije proizvodnje uljanih biljnih vrsta za različite namene“ (2011-2015). (učesnik)

5. Project: ToxFree Feed "Improvement of safety of corn-based feedstuffs through using more resistant hybrids and management of corn processing" (2012-2014). (učesnik)

Akadske aktivnosti

- **Nastava** iz uže naučne oblasti poljoprivredna tehnika na osnovnim akademskim, master i doktorskim studijama ([bez navođenja predmeta](#))
- **Mentor** većeg broja diplomskih radova. Učesnik je u komisijama za odbranu na svim nivoima studija. ([nabrojati samo odbranjene radove](#))

Članstvo u udruženjima (do 5)

- Nacionalna naučno društvo za poljoprivrednu tehniku (NNDPT)
- Vojvođansko društvo za poljoprivrednu tehniku (VDPT)

Ostale aktivnosti (do 5)

- Urednik vodećeg nacionalnog časopisa „*Savremena poljoprivredna tehnika*“
- 3 predavanja po pozivu na evropskim skupovima
- Govori, čita i piše engleski

Aleksandar Sedlar, Ph.D. (Assistant Professor)

Field of research: Agricultural Engineering

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Academic qualifications

- **B.Sc.** (2001) - University of Novi Sad, Faculty of Agriculture
- **M.Sc.** (2006) - University of Novi Sad, Faculty of Agriculture
- **Ph.D.** (2011) - University of Novi Sad, Faculty of Agriculture

Selected publications

1. **A. Sedlar**, N. Đukić, R. Bugarin, 2008. Define of nozzle wear models and their significance for domestic nozzle production; Agricultural@Biosystems Engineering for a Sustainable World (AgEng 2008), Hersonissos-Crete, Greece, P-132.
2. Turan J, Findura P, Đalović I, **Sedlar A**, Bugarin R, Janić R. 2011. Influence of moisture content on the angle of repose of nitrogen fertilizer, International Agriphysics 25(2): 201-204.
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5. **Sedlar A**, Bugarin R, Turan J. 2012. Influence of selective pesticide application on ground drift in orchard Mendeletch international 2012. ISBN 978-80-7375-625-3, Brno Czech Republic.

Selected projects

1. Project – very important for R. Serbia TR.7030: „Development of methods and equipment for sprayers inspections“ (2005-2007) . (member)
2. Project: HU-SRB/090/2.2/045-SHAPE: Hungary-Serbia IPA Cross-border Co-operation Programme: „Serbian-Hungarian Co-operation on Agrochemistry and pest-control Education (SHAPE)“ (2010-2011). (member)
3. Project TR – 31046: „Improvement of tractors and mobile system quality in aim of environment protecting“ (2011-2015). (member)
4. Project TR – 31025: „Development of new sorts and technology in oilseed rape production“ (2011-2015). (member)
5. Project: ToxFree Feed “Improvement of safety of corn-based feedstuffs through using more resistant hybrids and management of corn processing” (2012-2014). (member)

Academic activities

- Teaching at undergraduate, postgraduate and Ph.D. studies (Machines in fruit and grape production, Machines for plant protection)
- Supervisor of several B.Sc. thesis, member in numerous committees

Memberships

- Serbian Society of Agricultural Engineering
- Vojvodinian Society of Agricultural Engineering

Other activities

- Editor of Journal: "Contemporary of Agricultural Engineering"
- Three keynote lectures at European meetings
- Language skills: English