

Dr Branislava Lalić, vanredovni profesor
Uža naučna oblast: Meteorologija i biofizika
E-mail: branka@polj.uns.ac.rs
Telefon: +381 21 4853 290

Obrazovanje

- **Dipl. profesor fizike (1992)** - Prirodno-matematički fakultet u Novom Sadu, smer - fizika
- **Magistar nauka (1997)** - Fizički fakultet u Beogradu, Institutu za meteorologiju, smer - dinamička meteorologija
- **Doktor nauka (2006)** - Univerzitet u Novom Sadu, ACIMSI-Meteorologijai modeliranje životne sredine, Doktorska disertacija: *"Jedan mogući postupak u parametrizaciji turbulentnog transporta unutar i iznad šume za potrebe numeričkog modeliranja atmosferskih procesa različitih razmera"*

Odabrane publikacije

1. **Lalić B.**, Mihailovic D.T., Rajkovic B., Arsenic I. D., Radlovic D. (2003): Wind profile within the forest canopy and in the transition layer above it, *Environmental Modelling & Software*, 18, Issue 10, 943-950.
2. **Lalić B.**, Mihailović D.T. (2004): An Empirical Relation Describing Leaf Area Density inside the forest for Environmental Modelling, *Jour. App. Met.*, 43, No. 4, 641-645.
3. **Lalic B.**, Mihailovic D.T., Radovanovic S., Balaz J., Cirisan A. (2007): Input data representativeness problem in plant disease forecasting models, *Idojaras*, 111 (2-3), 199-208.
4. **Lalic B.**, Mihailović D.T., Rajkovic B., Kapor D. (2010): An Approach to Forest-Atmosphere Interaction Modelling: Implications of Momentum Turbulent Transport within the Forest, In: *Advances in Environmental Modeling and Measurements* (Eds. Dragutin T. Mihailovic and Branislava Lalic). Nova Science Publishers, Inc., New York., 67-76, ISBN: 978-1-60876-599-7.
5. **Lalic B.**, Eitzinger J., Mihailovic D.T., Thaler S., Jancic M. (2012): Climate change impacts on winter wheat yield change – which climatic parameters are crucial in Pannonian lowland? *The Journal of Agricultural Science* (Available on CJO 2012 doi:10.1017/S0021859612000640).

Odabrani projekti

1. Reinforcement of the Research Potential in Center for Meteorology and Environmental Predictions (RRP CMEP), FP6. 2007-2009. (učesnik)
2. Adaptation of agriculture in European regions at environmental risk under climate change (ADAGIO), FP6. 2007-2009. (učesnik)

3. Coupling STICS -LAPS models to improve the representation of crop processes and land-atmosphere interactions. Bilateralna sardnja Srbija - Francuska u okviru programa "Pavle Savić". 2008-2009. (učesnik)

Akadske aktivnosti

- **Vežbe** iz uže naučne oblasti Meteorologija i biofizika na osnovnim akademskim studijama
- **Mentor** 1 master rada i 2 diplomska rada

Članstvo u udruženjima (do 5)

- Meteorološko društvo Srbije
- European Meteorological Society

Ostale aktivnosti (do 5)

- Gostujući urednik časopisa "Atmosphere" (sekcija: Agrometeorology)
- 6 recenzija u časopisima sa impakt faktorom
- Veći broj predsedavanja u sekcijama na nacionalnim i evropskim skupovima
- 1 predavanje po pozivu na evropskim skupovima
- Član stručnog tima WMO - WMO RA VI Working group on Climate and Hydrology, Climate Expert Group, TT-Agrometeorology
- Govori, čita i piše engleski i ruski

Associate Professor Branislava Lalić, Ph.D.

Field of research: Meteorology and biophysics

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

Telephone: +381 21 4853 290

Academic qualifications

- **B.Sc.** (1992) - University of Novi Sad, Faculty of Sciences
- **M.Sc.** (1997) - University of Belgrade, Faculty of Physics
- **Ph.D.** (2007) - University of Novi Sad, ACIMSI-Center for Meteorology and Environmental Modelling

Selected publications

1. **Lalić B.**, Mihailovic D.T., Rajkovic B., Arsenic I. D., Radlovic D. (2003): Wind profile within the forest canopy and in the transition layer above it, Environmental Modelling & Software, 18, Issue 10, 943-950.
2. **Lalić B.**, Mihailović D.T. (2004): An Empirical Relation Describing Leaf Area Density inside the forest for Environmental Modelling, Jour. App. Met., 43, No. 4, 641-645.

3. **Lalic B.**, Mihailovic D.T., Radovanovic S., Balaz J., Cirisan A. (2007): Input data representativeness problem in plant disease forecasting models, *Idojaras*, 111 (2-3), 199-208.
4. **Lalic B.**, Mihailović D.T., Rajkovic B., Kapor D. (2010): An Approach to Forest-Atmosphere Interaction Modelling: Implications of Momentum Turbulent Transport within the Forest, In: *Advances in Environmental Modeling and Measurements* (Eds. Dragutin T. Mihailovic and Branislava Lalic). Nova Science Publishers, Inc., New York., 67-76, ISBN: 978-1-60876-599-7.
5. **Lalic B.**, Eitzinger J., Mihailovic D.T., Thaler S., Jancic M. (2012): Climate change impacts on winter wheat yield change – which climatic parameters are crucial in Pannonian lowland? *The Journal of Agricultural Science* (Available on CJO 2012 doi:10.1017/S0021859612000640).

Selected projects

1. Reinforcement of the Research Potential in Center for Meteorology and Environmental Predictions (RRP CMEP), FP6. 2007-2009. (učesnik)
2. Adaptation of agriculture in European regions at environmental risk under climate change (ADAGIO), FP6. 2007-2009. (učesnik)
3. Coupling STICS -LAPS models to improve the representation of crop processes and land-atmosphere interactions. Bilateralna sardnja Srbija - Francuska u okviru programa "Pavle Savić". 2008-2009. (učesnik)

Academic activities

- Exercises at undergraduate studies (Meteorology, Biophysics)
- Supervisor of 1 M.Sc. thesis, 2 B.Sc. thesis

Memberships

- Serbian Meteorological Society
- European Meteorological Society

Other activities

- Gest editor of OAJ "Atmosphere" (section: Agrometeorology)
- 6 reviews in referee journals
- Chairing in national and international meetings
- 1 keynote lectures at European meetings
- Member of WMO expert team - WMO RA VI Working group on Climate and Hydrology, Climate Expert Group, TT-Agrometeorology
- Language skills: English and Russian