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|  | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 |  |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIES *AGRINDUSTRIAL ENGINEERING*  |

Table 9.1 Science, arts and professional qualifications

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| --- | --- |
| Name and last name: | Ilija Arsenić |
| Academic title: | Assistant Professor |
| Name of the institution where the teacher works full time and starting date: | Faculty of Agriculture |
| Scientific or art field: | Meteorology and Biophyisics |
| Academic carieer |
|  | Year | Institution | Field |
| Academic title election: | 2011 | Faculty of Agriculture | Meteorology and biophysics |
| PhD thesis: | 2011 | ACIMSI, University of Novi Sad | Meteorology |
| Specialization: |  |  |  |
| Magister thesis | 2000 | Faculty of Agriculture | Agrometeorology |
| Bachelor's thesis | 1993 | Faculty of Sciences | Physics |
| List of courses being held by the teacher in the accredited study programmes |
|  | ID | Course name | Study programme name, study type | Number of active teaching classes |
| 1. |  | Meteorology | Crop Science, Fruit Science and Viticulture, Phytomedicine, Water Management, Horticulture, Agricultural Ecology and Environmental Protection, Organic Agriculture | 0+2 |
| 2. |  | Biophysics | Veterinary Medicine | 0+2 |
| 3. |  | Physics |  Agrondustrial Engineering |  2+2 |
| 4. |  | Enivronmental Models in Organic Agriculture | Organic agriculture | 0+2 |
| Representative refferences (minimum 5, not more than 10) |
|  | Михаиловић, Д.Т., Б. Лалић, **И. Арсенић**, 2009: Практикум из метеорологије. Пољопривредни факултет, Нови Сад, 262.  |
|  | **Arsenić, I.,** D.T. Mihailovic, D.V. Kapor, G. Kallos, B. Lalić, A. Papadopoulos. 2000. Calculating the surface temperature of the solid underlying surface by modified ″Force Restore″ method. Theor. and App. Climatol. 67: 109-113. |
|  | Mihailović, D.T., Kallos, G., **Arsenić, I.**, Lalić, B., Rajković, B., Papadopoulos, A.: Sensitivity of soil surface temperature in a forcerestore equation to heat fluxes and deep soil temperature. *Int. J. of Climatol*.*, 19, 1617-1632., 1999.* |
|  | Mihailović, D.T., Lee, T.J., Pielke, R.A., Lalić, B., **Arsenić, I.**, Rajković, B., Vidale, P.L.: Comparison of different boundary layer schemes using single point micrometeorological field data. *Theor. and App. Climatol., 67, 135-151, 2000.* |
|  | Mihailović, D.T., Koci, I., Lalić, B., **Arsenić, I**., Radlović, D. and Balaz, J.: The main features of BAHUS – biometeorological system for messages on the occurrence of diseases in fruits and vines. *Environmental Modelling and Software., 16, 691-696, 2001* |
|  | Mihailović, D.T., Lalić, B., **Arsenić, I**., Eitzinger, J., Dusanić, N.: Simulation of air temperature inside the canopy by the LAPS surface scheme. *Ecological Modelling., 147,199-207, 2001.* |
|  | Lalić, B., Mihailović, D.T., Rajković, B., **Arsenić**, I., Radlović, D.: Wind profile within the forest canopy and in the transition layer above it. *Environmental Modelling and Software, 18, 10, 943-950, 2003* |
|  | Mihailović, D.T., Alapaty, K., Lalić, B., **Arsenić, I.,** Rajković, B., Malinović, S.: Turbulent transfer coefficients and calculation of air temperature inside tall grass canopies in land–atmosphere schemes for evironmental modelling. *J. Appl. Meteor., 43, 10, 1498-1512, 2004.* |
|  | Mihailović, D. T., Lalić, B., Eitzinger, J., Malinović, S. and **Arsenić, I.**: An approach for calculation of turbulent transfer coefficient for momentum inside vegetation canopies. *J. Appl. Meteor. and Climat., 45, 2, 348–356, 2006.* |
|  | Malinović, S., Mihailović, D.T., Kapor, D., Mijatović\_, Z., **Arsenić, I.**, 2006: "NEOPLANTA: A Short Description of the First Serbian UV Index Model", *J. App. Met. and Climat.*, 45, 1171–1177. |
| Summary data for the teacher's scientific or art and professional activity:  |
| Quotation total:  | 63 |
| Total of SCI (SSCI) list papers: | 17 |
| Current projects: | Domestic:2  | International:1 |
| Specialization  |  |