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|  | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 |  |
| Study Programme Accreditation  UNDERGRADUATE 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 | | | |  | | | | | | | | |