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| **uns** | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | **Polj** |
| Study Programme AccreditationMASTER ACADEMIC STUDIES *(uneti naziv programa)* |

Table 9.1 Science, arts and professional qualifications

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| Name and last name: | Dragutin T. Mihailivić |
| Academic title:  | Professor |
| Name of the institution where the teacher works full time and starting date: | Faculty of Agriculture, Department for Field and Vegetable Crops, 16 December, 1976 |
| Scientific or art field: | Modelling of Physical Process in Atmosphere, Biophysics, Micrometeorology, Agrometeorology, Nonlinear Dynamics |
| Academic carieer |
|  | Year | Institution | Field |
| Academic title election: | 1995 | Faculty of Agriculture, Novi Sad | Meteorology and Biophysics |
| PhD thesis: | 1983 | ACIMSI, Novi Sad | Meteorology |
| Specialization: | - |  |  |
| Magister thesis | 1978. | Faculty of Physics, Belgrade | Dynamic meteorology |
| Bachelor's thesis | 1974. | Faculty of Physics, Belgrade | 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 | 2+0 |
| 3. |  | Physics |  Agrondustrial Engineering |  |
| 4. |  | Enivronmental Models in Organic Agriculture | Organic agriculture | 4+2 |
| Representative refferences (minimum 5, not more than 10) |
|  | Mihailovic, D.T. and Alapaty, K., 2007: Intercomparison of two K-schemes: Local versus non-local in calculating concentrations of pollutants in chemical and air-quality models. *Environmental Modelling and Software*, 22 (11), 1685-1689. |
|  | Mihailovic, D.T., Alapaty, K. and Sakradzija, M., 2008: Development of a nonlocal convective mixing scheme with varying upward mixing rates for use in air quality and chemical transport models*. Environmental Science and Pollution Research*, 15(4), 296-302.  |
|  | Mihailovic, D.T. and Eitzinger, J., 2007: Modeling temperatures of crop environment. *Ecological Modelling,* 202 (3-4), 465-475.  |
|  | Mihailovic, D.T., Kapor, D., Cirisan, A., Firanj, A., 2012: Parameterization of the albedo over the heterogeneous surfaces for different geometries in a land surface scheme by the Monte Carlo Ray-tracing method. *Atmospheric Research*, 107, 51-68 |
|  | Mihailovic, D.T., V. Kostic, I. Balaz, Lj. Cvetkovic (2014) Complexity and asymptotic stability in the process of biochemical substance exchange in a coupled ring of cells, *Chaos, Solitons & Fractals* 65, 30-43. |
|  | Gualtieri, C. and Mihailovic, D.T. (Eds.) 2008: *Fluid mechanics of environmental interfaces*. Taylor & Francis Ltd., London, pp. 348. |
|  | Mihailovic, D.T. and Lalic, B. (eds.) 2010: *Advances in environmental modeling and measurements*. Nova Science Publishers Inc., New York, pp. 278 |
|  | Mihailovic, D.T. (ed.) 2012: *Essays of Fundamental and Applied Environmental Topics*. Nova Publishers Inc., New York, pp. 353 |
|  | Mihailovic*,* D.T*. and* Gualtieri,C. *(eds.) 2010: Advances in environmental fluid mechanics*. World ScientificPublishing Co., New Jersey, pp. 380. |
|  | D.T. Mihailović, B . Lalić, N. Drešković, G. Mimić, V. Djurdjević, M. Jančić (2014) Climate change effects on crop yields in Serbia and related shifts of Köppen climate zones under the SRES-A1B and SRES-A2. *International Journal of Climatology* DOI: 10.1002/joc.4209  |
| Summary data for the teacher's scientific or art and professional activity:  |
| Quotation total:  |  |
| Total of SCI (SSCI) list papers: | 25 |
| Current projects: | Domestic: 2 | International: 0  |
|  Specialization  |  Austria, USA |