

PERSONAL INFORMATION



Șmuleac Iosefina Laura

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Sex Fem | DOB: 01/02/1978 | Romanian nationality

WORKPLACE POSITION

University of Life Sciences "King Mihai I" from Timisoara  
 Faculty of Agriculture  
 Department of Sustainable Development and Environmental Engineering  
 Vice-Dean for International Relations, Departmental Erasmus+ Coordinator  
 Full professor and specialist in water management in agriculture, climate change, sustainable agriculture, with teaching and research activity in the fields of Agronomy and Environmental Engineering

PROFESSIONAL EXPERIENCE

2024 - present Full professor  
 2021 – 2024 Associate Professor  
 2016 – 2024 Vice-Dean for Research  
 2007 – 2021 Lecturer  
 2001 - 2005 Assistant Professor

EDUCATION AND TRAINING

2023 Habilitation in the field of Agronomy, Plant and Animal Resources Engineering, USVT  
 2023 - 2025 Master's Degree – Ecological Agriculture USVT  
 2022 "Intellectual Property" Training Course  
 2020 Environmental Officer  
 2020 Trainer  
 2019 University Strategic Management  
 2019 Academic management in correlation with the requirements of the labor market  
 2019 Private alternatives for financing higher education  
 2019 Public funding and efficiency of the use of public funds in higher education  
 2019 European Project Writing Course  
 2017 – 2018 Level II Psychopedagogical Training Program  
 2016 – 2017 Level I Psycho-Pedagogical Training Program  
 2016 Project Manager  
 2016 – 2019 Engineering Degree – Agriculture, USAMVBT  
 2001 – 2008 PhD Degree – Agronomy, USAMVBT  
 2001 – 2003 Master's Degree – Environmental and Natural Resources Management, USAMVBT  
 1996 – 2001 Engineering Degree –I Environmental Engineering for Agriculture, USAMVBT  
 1992 – 1996 Baccalaureate Diploma – Physics-Chemistry Specialization, Banat College Timișoara

PERSONAL COMPETENCE

Mother tongue(s) Romanian

Other known languages

English language

ELECTION		SPEECH		WRITING
Listening	Reading	Join the conversation	Oral Speech	
C1	C1	C1	C1	C1

French language

B2	B2	B2	B2	B2

Communication skills

Organizational/managerial skills

- Communication skills, assumption of responsibilities, flexibility in work, team spirit, solidarity, spontaneity, qualities acquired during the teaching and research activity carried out so far
- organization – involvement in the organization of scientific events undertaken by the Faculty of Agriculture, Erasmus Departmental Coordinator, International Relations Officer of the Faculty of Agriculture;
- leadership – between 2016 and 2024 Vice-Dean responsible for research activity, from 2024 Vice-Dean of International Relations at the Faculty of Agriculture;
- 2003 – 2022 tutor of the year in the specializations Engineering and environmental protection in agriculture, Agriculture with teaching in English;
- coordinator of the Agriculture study program with teaching in English from 2014 - present;
- Secretary of the General Association of Engineers in Romania, Agricultural Engineers, Timiș Branch, 2005-2009;
- Secretary of the Romanian Environmental Association 1998, Banat Branch, 2016- 2023

Skills acquired at work

- Use of specialized equipment from the Land Improvements, Hydrology laboratory

Driver's license

Category B

ADDITIONAL INFORMATION

Grants and contracts

**Research/Development/Consultancy Project Director**

European Universities designing the Horizons of Sustainability, contracting authority EUROPEAN RESEARCH EXECUTIVE AGENCY (REA), value: 527,091 EURO, 2022-2024 period, 9 published papers;

Design of an irrigation system on an agricultural land in Grabăț, Timiș county, beneficiary SC AGRO POPA OVIDIU SRL, value: 10,100 EURO, 2020-202 period, 1 published paper;

Research on the influence of drip irrigation on a vineyard, contracting authority CNCSIS, value: 56,000 thousand lei, period 2002-2004, 6 published papers.

**Member in research, development and consulting projects**

- Cross-border Ambient Air Monitoring Network (Air MOON), Interreg IPA Romania-Serbia , Code RORS00090, No. 263459, value: 1.304.019,12 EURO , period: 2024-2026
- Ensuring excellence in the RDI activity within USAMVBT, contracting authority MINISTER OF RESEARCH AND INNOVATION, value: 3,593,820.57 LEI, period: 2018-2020;
- Agrochemical study of the soil, beneficiary S.C. EUROFINS AGROSCIENCE SERVICES SRL, value: 12,600 EURO, period: 2020-2021;
- Testing the effect of foliar fertilizers, beneficiary SC. KEMCRISTAL SRL, value: 10,560 EURO, period: 2018-2019;
- Evaluation of the efficacy of various herbicides on corn, sunflower and soybean crops, beneficiary S.C. EUROFINS AGROSCIENCE SERVICES SRL, value: 12,000 EURO, period: 2018-2019;
- Monitoring of the quality status of the agricultural land owned by Sc Maxagro Farm SRL, beneficiary S.C. MAXAGRO FARM SRL, value: 22,500 EURO, period: 2022-2025.

Published books

Publications: 7 specialized books - 4 first author ("Hydrologie et hydrogéologie", "Crop irrigation", "Hydrology and hydrogeology", "Land improvement works and climate change in the Banat Plain"), chapter in an international book first author ("Impact of COVID in Agriculture"), co-author ("Drip irrigation of apple and vines in the conditions of the Banat Plain", "Geospatial technologies used in water resources management"), 1 first author practical work book ("Land improvements and hydrotechnical arrangements - practical applications"), 150 published scientific papers

Member of professional associations

- Member of international professional associations:
- European Network of Environmental Professionals
  - International Union of Soil Science
  - Federation of European Biochemical Societies
  - International Union of Biochemistry and Molecular Biology

Evaluation and  
coordination/organization activities

## Member of national professional associations:

- Romanian Environmental Association 1988
- General Association of Engineers in Romania
- Romanian National Society of Soil Science
- Romanian Water Association
- Romanian Society of Biochemistry and Molecular Biology

## Scientific journal evaluator (selection):

- Atmosphere, IF:2,3
- Applied Sciences, IF:2.5
- Energies, IF:3.2
- ISPRS International Journal of Geo-Information, IF:2,8
- Polish Journal of Environmental Studies, IF:1,8
- Sustainability, IF:3,3
- Sensors, IF:3.5
- Water, IF:3.0
- Hydrology, IF:3,2
- Microorganisms, FI:4,2
- Agriculture, IF:3,6

## Editor of specialized journals:

- Editor-in-Chief Research Journal of Agricultural Science, 2016-2023
- Advance Research in Life Sciences, 2017-2023
- Life Science And Sustainable Development
- ProEnvironment Journal
- SVU – International Journal of Agricultural Sciences

## International Conference Chair (USVT / USAMVBT):

- Trends in European Agriculture Development, Timisoara, May 2016-2023.
- Young People and Agriculture Research, November 2016-2023
- member of the council of the Faculty of Agriculture since March 2016 – present
- national and international reviewer for scientific papers;
- 6 UEFISCDI Awards, Awarding Research Results – Articles, Competition 2020, 2021, 2023;
- 5 medals at the International Exhibition of Inventions and Innovations Traian Vuia 2023 and Euroinvent 2024;

## Guest editor:

- Agronomy - Approaches to Promote Wider Emergence of Sustainable Agricultural Production, IF: 3,4
- Sustainability - Sustainable Wastewater Management, IF: 3,3

## Visiting Professor:

- Azerbaijan State Agricultural University 03-05.2021
- Tajik Technical University "M. S. Osimi", 05 - 23.02.2024
- Badr University in Cairo, 01.10.2024 - 30.09.2025.