

PERSONAL INFORMATION



Plăiașu Aurelian - Florin

 889, Principala, Harsesti, Arges, 117390, Romania

 +4 0741.396.572

 florinplaiasu@yahoo.ro

Sex M | Date of birth 05.04.1985 | Nationality Romanian

WORK EXPERIENCE

- 2022 - present **Scientific Researcher - Orchard Technologies and Plant Protection Laboratory**
Research Institute for Fruit Growing Pitesti-Romania, Marului, no. 402, Maracineni, Arges, 117450, <https://icdp.ro/>
- Irrigation management.
 - Study of soil maintenance systems.
 - Increasing fruit production and quality through fertilization with organic and conventional fertilizers.
- Business or sector** Research and development / Fruit growing
- 2021 - 2022 **Scientific Research Assistant - Orchard Technologies and Plant Protection Laboratory**
Research Institute for Fruit Growing Pitesti-Romania, Marului, no. 402, Maracineni, Arges, 117450, <https://icdp.ro/>
- Irrigation management.
 - Study of soil maintenance systems.
 - Increasing fruit production and quality through fertilization with organic and conventional fertilizers.
- Business or sector** Research and development / Fruit growing
- 2019 - 2021 **Scientific Research Assistant - Multiplication of Fruit Plants Laboratory**
Research Institute for Fruit Growing Pitesti-Romania, Marului, no. 402, Maracineni, Arges, 117450, <https://icdp.ro/>
- Multiplication techniques of fruit trees and rootstocks.
- Business or sector** Research and development / Fruit growing

EDUCATION AND TRAINING

- 2023 - present **MA Student**
National University of Science and Technology Politehnica Bucharest - Pitesti University Center
- Conservation of biodiversity
 - Analytical control of environmental quality parameters
 - Population genetics
 - Resource management in agricultural systems
 - Deterioration of ecosystems
- 2004 - 2008 **Graduated in Ecology and Environmental Protection**
University of Pitesti

- Environmental physics and chemistry
- Plant physiology
- Ecological biochemistry
- General ecology
- Biotechnologies for environmental protection
- Phytopathology
- Agricultural ecosystems

2000 - 2004 **Technician in financial and commercial activities**

Costesti Agricultural School Group

- Accounting
- Economy
- The basics of management
- Entrepreneurial education

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	English	C1	C1	B1	

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Job-related skills

- Use of irrigation and fertigation control equipment
- Use of sensors, data loggers and weather stations
- Use of laboratory equipment to determine fruit quality

Computer skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user

- good knowledge of installing and configuring software and operating systems
- good knowledge of installing and replacing hardware components

Driving licence B category

ADDITIONAL INFORMATION

Publications / scientific papers

- Chițu Emil, Coman Mihail, Călinescu Mirela, Mazilu Ivona, Mateescu Elena, **Plăiașu Florin**, 2023. Zoning goji berry, mulberry, kiwi and pawpaw species in Romania, in the conditions of climate changes. Fruit Growing Research, Vol. XXXIX, 2023. <https://publications.icdp.ro/publicatii/lucrari%202023/11.%20Chitu%20Emil.pdf>
- Călinescu Mirela Florina, Chițu Emil, Mazilu Ivona Cristina, Lungu Mihaela, Zsolt Jakab-Ilyefalvi, Comeanu Margareta, Sirbu Sorina, **Plăiașu Florin**, Chivu Mihai, Panea Teodora, 2022. Technical-economic guide regarding the innovative fertigation technologies of cherry and apple orchards, adapted to the pedo-climatic conditions of Romania. INVEL Multimedia, ISBN: 978-606-764-075-5, 168 pages.
- Mazilu Ivona, Călinescu Mirela, Chitu Emil, Chivu Mihai, **Plaiasu Florin**, Marin Florin Cristian (2022). Evaluation of new blueberry cultivars in pedoclimatic conditions from RIFG Pitesti-Maracineni. Fruit Growing Research, Vol. XXXVIII, 2022. <https://publications.icdp.ro/publicatii/lucrari%202022/14.%20Mazilu%20Ivona.pdf>
- Călinescu Mirela, Mazilu Ivona, Chițu Emil, **Plăiașu Florin**, Chivu Mihai, Lungu Mihaela, Panea Teodora (2022). Influence of leaf and radicular fertilization on apple growth and fruiting processes. Fruit Growing Research, Vol. XXXVIII, 2022. <https://publications.icdp.ro/publicatii/lucrari%202022/26.%20Calinescu%20Mirela.pdf>
- Mirela Florina Calinescu, Ivona Cristina Mazilu, Emil Chitu, Mihai Chivu, **Florin Plaiasu** (2022). Organic fertilization influence on growth and fruiting processes of three apple cultivars grown in the Maracineni-Arges area. Current Trends in Natural Sciences, Vol. 11, Issue 21, pp. 67-78, 2022. <https://doi.org/10.47068/ctns.2022.v11i21.007>
- Calinescu M., Mazilu I., Chitu E., Butac M., Chivu M., **Plaiasu F.**, Antonescu M. (2021). Influence of low vigour rootstocks on growth and fruiting process of 'Regina' cultivar. Fruit Growing Research, Vol. XXXVII, 2021. <https://publications.icdp.ro/publicatii/lucrari%202021/10.%20Calinescu%20Mirela.pdf>

Projects

- Partner team coordinator on sectoral project ADER 6.5.1 - "Evaluation of the application of beneficial practices for the environment in the context of weeding the interval between rows in orchards, vineyards, nurseries and hop culture, the impact on the state of vegetation of plantations and pollinators".

Courses

- Training course "Modern technologies in the culture of fruit trees and shrubs" organized by the University of Agronomic Sciences and Veterinary Medicine of Bucharest.