



Curriculum vitae Europass



Personal information

First name(s) / Name(s) OROIAN Firuta Camelia

E-mail(s) camelia.oroian@usamvcluj.ro

Professional experience

Period March 2025-present

Occupation or position held Associate professor dr. Habil

Main activities and responsibilities Didactic and research activities

Name and address of employer University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca, no. 3-5 Mănăştur Street,

Period 2012-2025

Occupation or position held University Lecturer

Main activities and responsibilities Didactic and research activities

Name and address of employer University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca, no. 3-5 Mănăştur Street,

Type of activity or field of activity Preparing and teaching classes and research

Period 2009-2012

Position held Assistant professor

Main activities and responsibilities Didactic and research activities

Name and address of employer University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca, no. 3-5 Mănăştur Street

Type of activity or field of activity Preparing and teaching classes and research

Period October 2008 – February 2009

Position held Associated assistant professor

Main activities and responsibilities Didactic and research activities

Name and address of employer University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca, no. 3-5 Mănăştur Street

Type of activity or field of activity Preparing and teaching seminars and research

Education and training

Period 2025

Title of qualification awarded Certification of habilitation

Period 2010-2013

Title of qualification awarded Bachelor of Economic Sciences, in Management

Principal subjects /occupational skills covered

Name and type of organization providing education and training	University Bogdan Voda Cluj Napoca, Faculty of Economic Sciences, Specialty- Management, 2013				
National/international official position International and national acknowledgement	Economist				
Period	2010-2012				
Title of qualification awarded	Diploma- master degree Specialty: Organic agriculture				
Principal subjects /occupational skills covered	Specific technologies used in organic planting, growing and cultivating plants eligible for organic agriculture, technologies used for preparing and applying fertilizers within ecological farms				
Name and type of organization providing education and training	University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca, no. 3-5 Mănăştur Street				
National/international official position International/national acknowledgement					
Period	2005-2008				
Title of qualification awarded	PhD in Agronomy				
Principal subjects /occupational skills covered	Phytotechnology, Physiology, the study of factors that determine the vigor of the corn seeds and its influence on production				
Name and type of organization providing education and training	University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca, Str Mănăştur, no. 3-5				
Period	2005-2007				
Title of qualification awarded	Master degree Specialty – Plant improvement and control of seed quality				
Principal subjects /occupational skills covered	Improvement, Phytotechnology, Ecology, Quality Seed Control				
Name and type of organization providing education and training	University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca – Faculty of Agriculture				
Level of national and international classification					
Period	2000-2005				
Title of qualification awarded	Agronomist engineer Specialty Agriculture				
Principal subjects /occupational skills covered	Phytotechnology, Ecology, Physiology Botany				
Name and type of organization providing education and training	University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca – Faculty of Agriculture				
Personal skills and competencies					
Mother tongue	Romanian				
Other languages	English, French				
Self-assessment	Comprehension		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Oral production	Written production
English	B1	B1	B2	B2	B1
	(*) Common European Framework of Reference (CEF level)				

Social skills and competences	- Team spirit: I have had the experience of team work since as a student I participated in practical and research projects within the faculty.
Organizational skills and competences	Managerial (dean of the year, IEA/IMAA, IMAPA, IMIT, director/project manager)
Computer skills and competencies	Microsoft office (Word, Excel, Access, Power Point, Front page), and graphical apps: Corel Draw, Photoshop,
Driver's license	B category
Additional information	
Doctorate degree	PhD in agronomy -2008- <i>The study of factors that determine the vigor of the corn seeds and its influence on production</i> , coordinator PhD university Professor Gavrilă Morar
Publications	8 books, 95 studies, out of which 6 sole author, 51 first author, 44 co-author, 28 ISI research papers, H-Index 8
Specializations and qualifications	Graduation certificate-Teacher Training Department, series F, No.0013262 University of Agricultural Sciences and Veterinary Medicine – Cluj-Napoca – Faculty of Agriculture Trainer certificate Series I no. 00414809 Professional Training Certificate regarding sustainable usage of plant production products series CJ no.00111 Training certificate for tutors regarding the usage of the ID assistant platform Professional Certificate -Plant protection agent Series G, No 0188531

Research Activities	<p>Director/Project responsible</p> <ol style="list-style-type: none"> 1. ADER 19.1.1/2023 Elaborarea de tehnologii agricole la principalele plante de cultură pentru intensificarea sechestrării carbonului în sol în acord cu inițiativa 4% 2. 2024-2026 Contract de cercetare și consultanță nr 24342/25.09.2024 – Cercetări privind obținerea recompenselor agriculturii inteligente în culturile agricole din ferme de pe teritoriul României care practică sisteme diverse de agricultură 3. 2017 Contract de prestări servicii nr 20.177/27.09.2017 – Studiu de cercetare –elaborare tema de proiectare și fezabilitate privind valorificarea locală, eficientă și integrală de către primăria Vetis din județul Satu Mare a deșeurilor menajere, agricole, a deșeurilor animaliere și din abatorizare, plastic și cauciuc. Propunere de tehnologie și instalație <p>Member of 7 national research projects</p> <ol style="list-style-type: none"> 1.2006-2008 proiect de cercetare CEEEX , modul III, nr 156/2006 – Promovarea performanțelor științifice românești prin organizarea celei de a XVII-a Conferința Internațională Trienală a Asociației Europene a Cercetătorilor la Cartof (EAPR) – Brașov 2008, director proiect Prof.univ.dr. Gavrilă MORAR 2.2006-2008 proiect de cercetare Biotech 116 – Tehnici neconvenționale de combatere a gândacului de Colorado Lepinotarsa decemlineata Say – responsabil proiect Prof.univ.dr. Gavrilă MORAR 3. 2017-2018 - Îmbunătățirea performanțelor de cercetare și producție a Stațiunii de Cercetare Horticolă Cluj Napoca, coordonator proiect Prof.univ.dr. Viorel MITRE 4.Contract cercetare și consultanță, Servicii elaborare studiu lanțuri valorice și consultanță în elaborare și implementare strategie intervenție, FAER Reghin, director proiect Conf.dr. Iulia-Cristina MUREȘAN 5. Nutritional optimization of food products based on grapes and forest fruits, through the usage of resveratrol, for enriching the intake of antioxidants within the diet OC-A1.2.3-G-2015, P_40_378, COD MySMIS <119601>, Contract no. 2/AXA 1/1.2.3. G/30.05.2018, Project manager Antonia Odagiu 6. Obtaining a food product as supplement on natural substrate of Apium graveolens L. nutritionally optimized through enrichment with selenium and vitamins in view of life quality improvement POC-A1.2.3-G-2015, P_40_377, COD MySMIS <119675>, Contract nr. 3/AXA 1/1.2.3. G/30.05.2018, Project manager PhD. Professor Teodor RUSU 7. Contract de cercetare și consultanță nr 8892/04.06.2021, Dezvoltarea de produse turistice sustenabile la nivel internațional 8. Contract no 25831/18.11.2021, Director de proiect Iulia Cristina MUREȘAN <p>Member within professional development projects</p> <ol style="list-style-type: none"> 1. Service provision contract no 425/12.10.2014, Professional training for women who own semi-subsistence farms in the North-Western Region, period 12,10.2014 2. Service provision contract no. 13/17.01.2014 sub-measure 4.1 The training of the farmers from Gal Someș Transylvania period 13.02.2014-21.02.2014 3. Service provision contract no 103/13.03.2015 sub-measure4.1, The training of the farmers from the territory of the Association Gal Câmpia Transilvania, period 18.03.2015-08.04.2015
Awards	<p>2017, 2018, 2019, 2023- Award for research outcomes UEFISCDI 2010 – Agricultural Merit award – third class – awarded by the Romanian Body of Agronomy 2008 – Diploma of merit – awarded by the Romanian Body of Agronomy</p>
Member of professional association	<p>Member of Plant Protection Society Transylvania Member of “Promediu” Association</p>
Member of Editorial Committee of BDI magazines	<p>Editor of AACL Bioflux Editor of AAB Bioflux Editor of Journal of Agricultural Research Editor of Journal of Food and Nutrition Editor of Journal of Diseases and Medicinal Plants</p>
Reviewer of BDI	<p>Reviewer of Asian Journal of Agricultural Extension, Economics & Sociology Reviewer of International Journal of Environment and Climate Change Reviewer of International Journal of Environmental Research Public Health Reviewer of Agriculture and Ecologyresearch International Reviewer of ABAH Bioflux Reviewer of AES Bioflux Reviewer of ELBA Bioflux</p>

Reviewer of ISI magazines	Reviewer Sustainability, Plants MDPI, Agronomy MDPI, Land MDPI, Agronomy MDPI, Behavsci MDPI, Foods MDPI, Nutrients MDPI, IJERHP MDPI
Others	Coordinator of 55-degree papers Coordinator of 22 papers presented within Scientific Communication Sessions Member of University Admission Committee, USAMV Cluj-Napoca in 2011 and 2012 Member of Jury for The National Olympiad in Economics, "Management" specialization, 7th edition, Bogdan Vodă, the University of Cluj-Napoca
Annex	1. List of reference books 2. List of reference papers

Books:

1. Todoran, C.F., Duda, M.M., Moldovan C.M. Agricultural Food products, Todesco Publishing House, Cluj-Napoca, ISBN 978-606-595-004-7, 2010
2. Todoran, C., Vărbăniș, D.I. Field Crops, Bioflux Publishing House, Cluj-Napoca, ISBN 978-606-8191-26-6, 2011
3. Todoran, C.F. Hygiene and nutrition, Todesco Publishing House, Cluj-Napoca, ISBN 978-606-8191-68-3, 2014
4. Oroian, F.C. Agricultural Systems, Bioflux Publishing House, Cluj Napoca ISBN 978-606-8887-10-4, 2017
5. Oroian, C., Moldovan, C., Ghete A. Medicinal and aromatic plants, Bioflux Publishing House, Cluj Napoca, ISBN 978-50-606-8887-11-1, 2017
6. Oroian C., Agricultural Crops Dynamics, 2018, Bioflux Publishing House, ISBN 978-606-8887-39-5
7. Oroian C., Odagiu A., Plants used in alternative therapies with potential for environmental bioindicators, 2018, Bioflux Publishing House, ISBN 978-606-8887-22-7
8. Oroian Firuta Cameia, Field crops, 2023, Editura Bioflux, Cluj Napoca, ISBN 978-606-9736-21-0

List of reference papers

Oana ABRUDAN (RADU), **Camelia OROIAN***, Claudia BALINT, Antonia ODAGIU, 2025, Survey on sustainable promotion of nutritional status of crops, Scientific Papers. Series A. Agronomy, Vol. LXVIII, No. 1, p.731-737, FI 0.6

Ioan OROIAN, Bogdan Ioachim BULETE, Ecaterina MATEI, Antonia Cristina Maria ODAGIU, Petru BURDUHOS, **Camelia OROIAN**, Ovidiu Daniel ȘTEFAN, Daniela BORDEA, 2025, Assessment of Heavy Metal Contamination, Bioaccumulation, and Nutritional Quality in Fish from the Babina–Cernovca Romanian Sector of the Danube River, Foods 2025, 14(19), 3419; <https://doi.org/10.3390/foods14193419>, FI 5.1

Vardan Aleksanyan, Sargis Gevorgyan, Davit Markosyan, Felix H. ARION, Karlen Khachatryan, **Firuta Camelia OROIAN**, Iulia Cristina MUREȘAN, Iulia Diana ARION, Sabin CHIȘ, 2025, Managing Food Waste in the Restaurant Sector: Comparative Insights from Greece and Armenia, Sustainability 2025, 17(24), 11386; <https://doi.org/10.3390/su172411386>, FI 3.3

Vardan Aleksanyan, Felix H. Arion, Sargis Gevorgyan, Davit Markosyan, Suren H. Parsyan, Karine Mnacakanyan, **Firuta Camelia Oroian**, Iulia Cristina Muresan, Iulia Diana Arion,* and Sabin Chis *,2025, Exploring the Drivers of Food Waste Across EU Member States: A Socio-Economic and Environmental Perspective, Foods 2025, 14(24), 4174; <https://doi.org/10.3390/foods14244174>, FI 5.1

Camelia OROIAN, Antonia ODAGIU, Ioan OROIAN, Florin UGRUTAN, Inovative solution destined to control sugar beet production, sugar production and sugar yiled, Scientific Papers. Series A. Agronomy, Vol. LXVII, No. 1, 2024, https://agronomyjournal.usamv.ro/pdf/2024/issue_1/Art74.pdf, IF 0.5, WOS:001305979800073

Camelia OROIAN, Florin UGRUTAN, Iulia Cristina MUREȘAN, Ioan OROIAN, Antonia ODAGIU, Ioan Valentin PETRESCU-MAG, Petru BURDUHOS, 2023, AMMI Analysis of Genotype × Environment Interaction on Sugar Beet (*Beta vulgaris* L.) Yield, Sugar Content and Production in Romania, Agronomy 13(10), 2549; <https://doi.org/10.3390/agronomy13102549> FI 3.7, WOS:001094913000001

Letiția Adriana BOCOȘ, Antonia ODAGIU, **Camelia OROIAN**, Cristian IEDERAN, Petru BURDUHOS, 2023, Production and sugar content of four sugar beet hybrids function of environmental temperature, precipitations and agricultural key inputs, Scientific Papers. Series A. Agronomy, Vol. LXVI, No. 2, FI 0.3, WOS:001133095800023, https://www.agronomyjournal.usamv.ro/pdf/2023/issue_2/Art16.pdf

Valentin C MIHAI, Diana E. DUMITRAS, **Camelia OROIAN**, Gabriela O. CHICIUDEAN, Felix H. ARION and Iulia Cristina MUREȘAN, Exploring the Factors Involved in Tourists' Decision-Making and Determinants of Length of Stay. Adm. Sci. 2023, 13(10), 215; <https://doi.org/10.3390/admsci13100215> FI 3.0, WOS:001096009400001

Iulia C. Muresan, Rezhn Harun, Ileana Andreica, Gabriela O. Chiciudean, Eniko Kovacs, **Camelia F. Oroian**, Anca Monica Brata and Diana E. Dumitras, Household Attitudes and Behavior towards the Food Waste Generation before and during the COVID-19 Pandemic in Romania, Agronomy 2022, 12, 746, <https://doi.org/10.3390/agronomy12030746>, FI 3.949, WOS:00077693180001

Covrig (Presecan) Madalina, Ilie Covrig, Camelia Oroian, 2022, Exploitation opportunity for wooden mass by multifunctional machinery, SCIENTIFIC PAPERS-SERIES A-AGRONOMY, Volume65 Issue2 Page354-358 Published2022, WOS:000905271500047, https://agronomyjournal.usamv.ro/pdf/2022/issue_2/Art47.pdf

Oroian Camelia, Iulia Muresan, Ioan Gheorghe Oroian, Ilie Covrig, Bianca Moldovan, Madalina Covrig, Iulia Diana Arion, 2022, Biodynamic agriculture an alternative to conventional agriculture:A case study of Transilvania area, Romania, SCIENTIFIC PAPERS-SERIES A-AGRONOMY, Volume65 Issue2 Page409-418 Published2022, WOS:000905271500055, https://agronomyjournal.usamv.ro/pdf/2022/issue_2/Art55.pdf

Camelia Oroian, Iulia Cristina Muresan, Ioan Oroian, Petru Burduhos, 2021, Romanian consumers behavior towards domestic food waste, Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1, ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785, WOS:000704504300094, https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art94.pdf

Andra Porutiu, Olivia Paula Tirpe, **Camelia Oroian**, Valentin C. Mihai, Gabriela O. Chiciudean, Daniel I. Chiciudean and Crina Porutiu, Analysis on Tourists' Preferences for Rural Tourism Destinations in Romania, Societies 2021, 11, 92. <https://doi.org/10.3390/soc11030092>, WOS:000702125900001

Marioara ILEA, Rezhen HARUN, Diana E. DUMITRAS, Felix H. ARION, Iulia C. MURESAN, Gabriela O. CHICIUDEAN, Hemin Abubakir NEIMA, **Camelia F. OROIAN**, Daniel I. CHICIUDEAN, 2021, Analysis of the impact of rural development projects on local communities, Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 21, Issue 3, PRINT ISSN 2284-7995, E-ISSN 2285-3952. WOS:000702305500052, https://managementjournal.usamv.ro/pdf/vol.21_3/Art52.pdf

Iulia C. Muresan, Rezhen Harun, *, Felix H. Arion, Anca Monica Brata, Ioan Aurel Chereches, Gabriela O. Chiciudean, Diana E. Dumitras, **Camelia F. Oroian** and Olivia Paula Tirpe. 2021, Consumers' Attitude towards Sustainable Food Consumption during the COVID-19 Pandemic in Romania, Agriculture, 11, 1050. <https://doi.org/10.3390/agriculture11111050>, FI 2.9250, WOS:000724749300001

Diana E. Dumitras, Rezhen Harun, Felix H. Arion, Daniel I. Chiciudean, Eniko Kovacs, **Camelia F. Oroian**, Andra Porutiu and Iulia C. Muresan, 2021, Food Consumption Patterns in Romania during the COVID-19 Pandemic, Foods 10, 2712. <https://doi.org/10.3390/foods10112712>, FI 4.3500, WOS:000727076900001

Oroian C., Odagiu A., Racz Pal Csaba, Oroian Ioan, Muresan I.C., Duda Marcel, Ilea Marioara, Brasovean Ioan, Iederan Cristian, Marchis Zamfir, 2019, Composition of Lavandula angustifolia L. cultivated in Transylvania, Romania, Not Bot Horti Agrobo, 47(3):643-6 DOI:10.15835/nbha47311565, FI 0,624, WOS:000489532700014, DOI: <https://doi.org/10.15835/nbha47311565>

Iulia C. Muresan, Rezhen Harun, Felix H. Arion, **Camelia F. Oroian**, Diana E. Dumitras, Valentin C. Mihai, Marioara Ilea, Daniel I. Chiciudean, Iulia D. Gliga and Gabriela O. Chiciudean, 2019, Residents' Perception of Destination Quality: Key Factors for Sustainable Rural Development, Sustainability, 11(9), 2594; <https://doi.org/10.3390/su11092594>, FI 2.5920, WOS:000469518700142

MARCHIȘ I.Z., Daniela LADOȘI, **Camelia OROIAN***, Antonia ODAGIU, Vasile IUGA, Simona PAȘCALĂU, Aurelia COROIAN, 2018, Nutritional Traits of Silage Produced from Alfalfa (Medicago sativa L.) Cultivated Using Conventional Technology versus Organic Technology in Support of Higher Dairy Productions, Notulae Botanice, Cluj Napoca, Romania DOI:10.15835/nbha46210694, 46(2) 435-439, FI 0.648, WOS:000429148700018

Gradinaru, A.C., Petrescu Mag, I.V., **Oroian, F.C.**, Balint, C., Oltean, I. 2018, Milk Protein polymorphism characterization: a modern tool for sustainable conservation of endangered Romanian cattle breeds in the context of traditional breeding, Sustainability, 10(2):534; doi:10.3390/su100205342018 FI 2.0750, WOS:000425943100257

Gabriela O. Chiciudean, Rezhen Harun, Felix H. Arion, Daniel I. Chiciudean, **Camelia F. Oroian** and Iulia C. Muresan, 2018, A Critical Approach on Sustainable Renewable Energy Sources in Rural Area: Evidence from North-West Region of Romania, Energies, Switzerland, 11, 2225; doi:10.3390/en11092225, FI 2.676, WOS:000446604500046

Aurelia COROIAN, Antonia ODAGIU, Zamfir MARCHIȘ, Vioara MIREȘAN, Camelia RĂDUCU, **Camelia OROIAN**, Adina Lia LONGODOR, 2018, HEAVY METALS AND THE RADIOACTIVITY IN BOLETUS (Boletus edulis), AND CHANTERELLE MUSHROOMS (Cantharellus cibarius) IN TRANSYLVANIAN AREA, AgroLife Scientific Journal - Volume 7, Number 2, ISSN 2285-5718; ISSN CD-ROM 2285-5726; ISSN ONLINE 2286-0126; ISSN-L 2285-5718, p.17-21, WOS:000454271200002

Antonia ODAGIU, Ilie COVRIG, Camelia OROIAN, Mădălina Florina, 2018, PRESECAN, RESEARCH ON THE INFLUENCE OF TEMPERATURE ON BEECH CROPS RAISED IN NURSERIES. DOI 10.2478/pesd-2018-0006, PESD, VOL. 12, no. 1, p.73-79, WOS:000438197100006,

Oroian, C.F., Safirescu, C., Harun, R., Chiciudean, G.O., Arion, F., Muresan, I.C., Bordeanu, B. Consumers' Attitudes towards Organic Products and Sustainable Development: A Case Study of Romania sustainability, Switzerland, 1559; doi:10.3390/su9091559, 2017, 9, FI 1,789, WOS:000411621200066;

Oroian, C., Covrig, I., Odagiu, A., Malinas, C., Moldovan, C., Fleseriu, A. Effects of Cultivation Systems and Environmental Conditions on Peppermint (*Mentha × piperita* L.) Biomass Yield and Oil Content, Notulae Botanice, Cluj Napoca, Romania, ISSN 0255-96X, 1842-4309, 2017, 45(2):576-581. FI 0,48, WOS:000411504400036; DOI: <https://doi.org/10.15835/nbha45210857>

Oroian, C., Odagiu, A., Muresan, I., Porutiu, A., Malinas, C. 2017, Testing the influence of the environmentally friendly phytohormone GIBB A3, upon maize macro- and microelemental content, AgroLife Scientific Journal, 6(2):137-145, WOS:000423885500020; <http://agrolifejournal.usamv.ro/index.php/agrolife/article/view/196>

Covrig, I., **Oroian, C.**, Burduhos, P., Oroian, I., Odagiu, A. 2017, Influence of some climatic factors upon powdery mildew attack in oak forests located in Transylvania, AgroLife Scientific Journal ISSN 2285-5718; ISSN CD-ROM 2285-5726; ISSN ONLINE 2286-0126; ISSN-L 2285-5718, 6 (2):77-82, WOS:000423885500011; <http://agrolifejournal.usamv.ro/index.php/agrolife/article/view/189>

Mureșan, I.C., **Oroian, C.F.**, Rashid, R., Arion, F., Poruțiu, A., Chiciudean G.O., Todea, A., Lile, R. Local Residents' Attitude toward Sustainable Rural Tourism Development. Sustainability 2016, 8(2):100, DOI: 10.3390/su8010100. Available online: <http://www.mdpi.com/2071-1050/8/1/100/html>, F.1.34

Florian, T., Oltean, I., Bunescu, H., **Todoran, F.C.**, Florian, V. Results obtained in the biological control of western corn root worm, Diabrotica virgifera virgifera Le Conte (2007-2010), Journal of Food, Agriculture & Environment, 2013, 2(1):306-308 FI 0,435

Todoran Firuta Camelia, Ioan Valentin Petrescu Mag, Alexandru Dorel Todea, Two ways of environmental monitoring of heavy metals from air: native and transplanted lichens, Metalurgia International, vol XVI, 2010, 10, 49-51, FI 0,173

Petrescu-Mag, I.V., Păsărin, B., **Todoran, C.F.** Metallurgical, Agricultural And Other Industrial Related Chemical pollutants: Biomonitoring And Best Model Organisms Used, Metalurgia International, vol XVI, 2010, 10, 25-35, FI 0,173, [WOS:000285214800007](https://doi.org/10.15835/nbha46210694)

Date:
22.04.2026

Signature: