

# UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA



## FACULTY OF HORTICULTURE

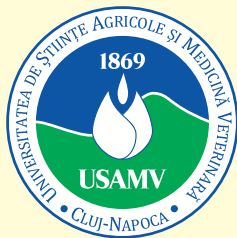
Tradition and innovation in education and research







# UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA



## FACULTY OF HORTICULTURE

Tradition and innovation in education and research



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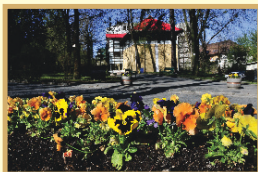
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## THE FACTS

- One of the leading centres of life sciences in higher education and research from Romania.
- Important investments in new buildings and cutting-edge equipment devoted to education and research.
- Great facilities for students' practical training: an agro-botanical garden; an experimental forest area; vegetables and flower didactical greenhouses; an experimental orchard and vineyard; education and research laboratories.
- Various options that create an intensive social student life: a sport club (football and tennis grounds; sport hall); a folkloric dance troupe; a pub; new refurbished student dormitories; a modern library.



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*"... Dear students, use your time to learn, have fun, make friends and try to look for excellence in everything you do! It is important that you do not miss the opportunity to feel, for once, happy to be among the best..."*



**Doru PAMFIL**

Rector, UASVM Cluj-Napoca

Doctor Honoris Causa, Member of the Romanian Academy

*"... We would like to develop a highly qualitative education system in our faculty, such as to have valuable graduates, but also real intellectuals that can validate themselves, in the same time professionally, socially and spiritually..."*

*(Newsletter UASVM, March 8, 2009)*



**Radu E. SESTRĂȘ**

Dean, Faculty of Horticulture, UASVM Cluj-Napoca

*"...Dear students,*

*More than ever, the agriculture of the 21st century is going to be knowledge-based. But it has to keep its links with nature, with the natural resources and it has to bring answers to the biggest challenges humanity is facing: food security and climate change. You are in a place where you can equip yourself with this knowledge. Soon it will be up to you to contribute to Romania's change for better, to bring value to farming, to come with answers. Be ready for this call, believe in yourselves, look around, do not be afraid to make mistakes and, please, do follow your dreams!..."*



**Dacian Cioloș**

European Commissioner for Agriculture and Rural Development

Alumni of the Faculty of Horticulture, USAMV Cluj-Napoca.

*"...Dear students, keep up your studies and enthusiasm for agricultural science. You represent the future. Romania and its citizens are depending upon you. Your enthusiasm, spirit, and new knowledge are keys to a prosperous future..."*



**Jules JANICK**

James Troop Distinguished Professor of Horticulture

Purdue University, West Lafayette Indiana, USA

Doctor Honoris Causa, UASVM Cluj-Napoca



## LOCATION

The Faculty of Horticulture is one of the five academic structures that constitute the University of Agricultural Sciences and Veterinary Medicine (UASVM) from Cluj-Napoca , Romania. **UASVM Cluj-Napoca is ranked by the Romanian higher education agencies as being the first Romanian public Life Sciences institution for higher education.**

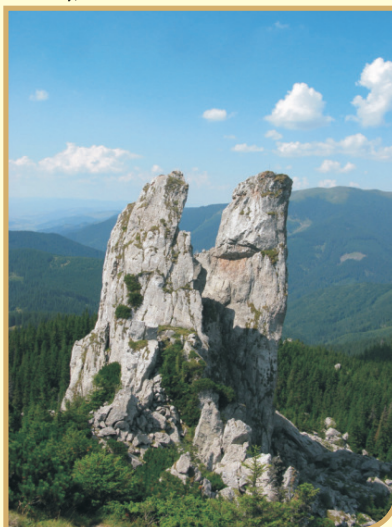
Geographically, it is located in Romania, an Eastern European country that shares its borders with Hungary to the Northwest, Serbia to the Southwest, Bulgaria to the South, Ukraine and the Republic of Moldavia to the Northeast and to the East. It is the second largest country in the area, after Poland. Romania is member of the European Union since 1st of January 2007.



“Authentic”, “Nature” and “Traditions” are the words that best capture the Romanian essence, a dynamic country rich in history, arts and natural beauties.



Authentic view from a mountainous  
Romanian village  
(Carpathians Mountains)



The “Pietrele Doamnei”  
natural reservation  
(Rarau Mountain,  
Western Carpathians)



The “Danube Delta”  
natural reservation



Romanian traditions



Peles Castle



Transylvania, the nature’s wonder

#### **FIND OUT MORE:**

Romania, Ministry of Foreign Affairs: <http://www.mae.ro/en>

Romania, travellers and touristic information: <http://www.romaniatourism.com>

### **CLUJ-NAPOCA, THE TRANSYLVANIAN MULTICULTURAL CAPITAL**

The Faculty is located in Cluj-Napoca, a city that traces its origins back to the 2nd century AD. It is the second most populated town in Romania and the main socio-economic centre of Transylvania.



Cluj-Napoca downtown  
(19th century)



The “Tailors’ Bastion”  
(19th century)

It is roughly equidistant from Bucharest (440 km), Budapest (419 km) and Belgrade (496 km). The international airport ([www.airportcluj.ro](http://www.airportcluj.ro)) represents an easy gateway to the main European capital cities.





Cluj-Napoca, panoramic view



Cluj-Napoca, "Unirii Square"



Cluj-Napoca, "Avram Iancu Square"



Cluj-Napoca, night seeing

The city is a cosmopolite and a multicultural one. It is animated by over 100,000 students, coming from all over the country and from abroad. Beside the seven public Universities and four private ones, Cluj-Napoca is nowadays a regional innovation centre with significant business opportunities, an attractive tourism destination and a pleasant place to live and to study in.



Cluj-Napoca, "The Botanical Garden"



Cluj-Napoca, "The Transylvanian Ethnographic Museum"

#### FIND OUT MORE:

Cluj-Napoca city hall: <http://www.primariaclujnapoca.ro>

The International Airport of Cluj-Napoca: <http://airportcluj.ro>

## LIFE SCIENCES IN CLUJ-NAPOCA

The history of the life sciences higher education began in October 1869, when one of the oldest European Institutions was founded, The Institute of Agronomic Studies, Cluj-Mănăştur. In 1906, the Institute reached the level of Academy, becoming The Academy of Agriculture, Cluj. In 1929, following the reorganization and modernization of the Romanian higher agronomic education, it became The Academy of High Agronomic Studies, Cluj. Since 1948, the institution has been represented by only one faculty, the Faculty of Agriculture. In 1962 the Faculty of Veterinary Medicine was created, followed in 1968 by the Faculty of Animal Sciences. In 1977 was created the Faculty of Horticulture and in 2012, the Faculty of Food Sciences.



The Rectorate Building  
in the 19th century



The Rectorate Building  
in our days

In the fall of 2012, the University enrolled over 5,000 Bachelor students, 1,000 Master students and 500 PhD students. The staff of the UASVM Cluj-Napoca, includes academic (255 persons), non-academic (186 researchers and technicians) and 79 administrative staff. The University focuses on excellence in research and education in the broad area of life sciences being integrated into the European Higher Education and Research Areas, for the benefit of the national and the international community.



Life Science Institute



The Agro-botanical Garden





The University Library



Aula Building

The main University campus is situated in the Western part of the city. Inside, there are the premises for a competitive teaching and research processes and other facilities for staff and students. In the vicinity of the campus, one can find the student hostels and three different didactical and experimental stations.



The main campus



Students in the campus

#### FIND OUT MORE:

University of Agricultural Sciences and Veterinary Medicine

Cluj-Napoca: <http://www.usamvcluj.ro>

International Relations Office 3-5 Calea Mănăştur, 400372,

Cluj-Napoca, Romania. E-mails: [iro@usamvcluj.ro](mailto:iro@usamvcluj.ro); [contact@usamvcluj.ro](mailto:contact@usamvcluj.ro)

## FACULTY OF HORTICULTURE, PROFICIENCY IN EDUCATION AND RESEARCH

Created in 1977, the Faculty of Horticulture constantly develops and adapts to the conditions, realities and social demands of the labour market. It has rapidly become one of the leading Romania education institutions, celebrating its 35th anniversary in 2012. While improving its structure, new academic programs were created and important investments in the academic staff and in the research infrastructure were made.



Faculty of Horticulture,  
Students in the campus the main building

The outstanding teaching facilities include dedicated teaching staff, cutting-edge equipment and experimental teaching laboratories. The presence of a vast nearby agrobotalanical garden, an experimental orchard, a vineyard and the greenhouses represent an open-air study room, as well as inspirational surroundings for the cultural designed landscape. Facilities are extensive and include state-of-the-art equipment and expertise in horticulture sciences and many other life science areas.



Faculty of Horticulture, winter time



Didactic flower collection

Our students have the opportunity to make their own research contribution by conducting research projects in the laboratories of these leading scientists in the final bachelor year, the master and the doctoral programs.

The experimental vineyard



The didactic greenhouse



The experimental orchard



All these realities support the mission of the Faculty. It consists of providing innovative teaching, research and practical skills in horticulture, landscaping, forestry, geodesy and agricultural economics as a premise to improve human health, nutrition and the well-being while preserving the integrity of the natural resources.



The agrobotanical garden



Students in practical training

FIND OUT MORE:

Faculty of Horticulture: <http://horticultura.usamvcj.ro>

Calea Mănăştur 3-5, 400372, Cluj-Napoca, Romania.

E-mail: [horticultura@usamvcluj.ro](mailto:horticultura@usamvcluj.ro)



## GRADUATING IN OUR FACULTY

Our students are a diverse and fascinating group, drawn from all corners of the national territory and from abroad, united by the same goal - to build a better future for themselves via the high quality educational experience of a lifetime.



Students ready for classes



Students in the class

The academic year is divided into two semesters (winter and summer semesters), lasting 14 teaching weeks each. They are followed by a three-week examination period. Currently, there are about 2,500 students studying at the Faculty of Horticulture every year, as bachelor, master and doctoral students. The Faculty has adopted the European Credit Transfer System (ECTS) therefore, one master programme and some courses are provided in the English language.



Campus life



In the library

## THE BACHELOR (BSc)

The undergraduate programs were designed to respond to the demand of the labour market. Our graduates can deliver valuable expertise in different economic areas.

Academic bachelor programs	Studying domain	Length	Type of study	Title
Horticulture	Horticulture	4 years	FT, PT	Engineer
Landscape Architecture			FT	
Forestry	Forestry		FT, PT	
Economic Engineering in Agriculture	Engineering and management		FT	
Management and Engineering in Food and Agritourism				
Management and Engineering in Tourism				
Land Measurement and Cadastre	Geodesic engineering			

Content notes. Form of study: FT (full-time); PT (part-time).



The future specialists in horticulture can create small related businesses or can deliver technical and marketing knowledge in vineyards, orchards, greenhouses or field horticultural production. There are some specially equipped facilities at students' disposal such as: vegetable and flower greenhouse laboratories, didactical orchard and vineyard, extensive assortments of ornamental plants and unique gene-pool collections of fruit plants, grapevine, perennial vegetables, forestry and medicinal plants. Everything is located in the faculty campus.



The landscape architecture graduates can create landscaping designs for parks, gardens or interior management. It involves the systematic investigation of existing social, ecological, and geological conditions and processes in the landscape, and the design of interventions that will produce the desired outcome. In order to prepare them, there are some specially equipped facilities at students' disposal such as: an agro-botanical garden; advanced equipment for measurement and design purposes; and not ultimately professional software.



Forestry practical training



Hunting practical training

Forestry is the interdisciplinary profession that creates, manages, uses, and conserves the forests and the associated resources in a sustainable manner to meet desired goals, needs, and values for human benefit. The students have the opportunity to use performed didactic equipment and laboratories. All the practical training is held in the Somesul Cald didactic centre, a 1,000 km<sup>2</sup> forest area administrated by our researchers.



The graduates in economic engineering in agriculture can manage an agriculture business and work in the administrative sector of the rural development funds management. They are the future entrepreneurs from the rural area. The two tourism programs prepare future specialists ready to use the natural and anthropic touristic attractions in a sustainable way.



Study Trips



Geodesy practical training

The land measurement and cadastre programme aims to provide excellent and expert training, and to deliver valuation-surveying professionals who are proficient in the principles and concepts of valuation surveying within the framework of land management.

FIND OUT MORE:

Faculty of Horticulture, bachelor program details:

[http://www.usamvcluj.ro/program\\_licenta\\_zi\\_en.php](http://www.usamvcluj.ro/program_licenta_zi_en.php)





We like to party



Finally, we are graduates!

## THE MASTER (MSc)

The programs offer to the graduates the opportunity to increase their skills in a specific horticulture, landscape, forestry and management / economic area. At graduation, they will receive the Master of Science diploma, thus being ready to develop a professional or a research career.

Master program full time; duration: 2 years; Diploma: Master	Studying domain	Language
The Management of Horticultural Production in Controlled Climate	Horticulture	Romanian
Horticultural Sciences		
The Landscape Design, Organization and Maintenance of Green Spaces		
Biodiversity and Bio conservation		
Genetic Engineering in Plant Breeding		
Production and Selling Technology of the Special Wines and their Derivative Products		
Forestry Ecosystem Management	Forestry	English
Agri-food Economy	Engineering and management	
Agribusiness (Erasmus Mundus)		

The programs have two years duration and they are taught especially in Romanian. The Faculty has important international exchanges due to the agribusiness program, which is part of the Food Identity Erasmus Mundus program.



FIND OUT MORE:

Faculty of Horticulture master program:

[http://www.usamvcluj.ro/program\\_master\\_zi\\_en.php](http://www.usamvcluj.ro/program_master_zi_en.php)

Food Identity Erasmus Mundus master program:

<http://www.masterfoodidentity.com/>



## THE DOCTORATE (PhD)

The mission of the PhD program is to educate students to conduct innovative, rigorous scientific research on topics that cover genetics and plant breeding, horticulture, agriculture, management and marketing. The Doctoral and the Post-doctoral studies are coordinated by an Interdisciplinary Doctoral School, which is closely related to all research activities.

PhD Program	Specialisation	Supervisors
Horticulture	Genetics and Plant Breeding	Prof. Doru PAMFIL, PhD <a href="mailto:dpamfil@usamvcluj.ro">dpamfil@usamvcluj.ro</a>
		Prof. Radu E. SESTRAS, PhD <a href="mailto:rsestras@usamvcluj.ro">rsestras@usamvcluj.ro</a>
	Vegetable Growing	Prof. Dănuț MĂNUȚIU, PhD <a href="mailto:dan.maniutiu@usamvcluj.ro">dan.maniutiu@usamvcluj.ro</a>
		Prof. Alexandru-Silviu APAHIDEAN, PhD <a href="mailto:sapahidean@usamvcluj.ro">sapahidean@usamvcluj.ro</a>
		Prof. Maria APAHIDEAN, PhD <a href="mailto:mapahidean@usamvcluj.ro">mapahidean@usamvcluj.ro</a>
	Fruit Tree Growing	Prof. Viorel MITRE, PhD <a href="mailto:mitre.viorel@usamvcluj.ro">mitre.viorel@usamvcluj.ro</a>
	Viticulture	Prof. Nastasia POP, PhD <a href="mailto:nastasia.pop@usamvcluj.ro">nastasia.pop@usamvcluj.ro</a>
Agriculture	Flowers and Ornamental Trees Production	Prof. Maria CANTOR, PhD <a href="mailto:maria.cantor@usamvcluj.ro">maria.cantor@usamvcluj.ro</a>
	Management and Marketing in Agriculture	Prof. Sabina FUNAR, PhD <a href="mailto:sabina.funar@usamvcluj.ro">sabina.funar@usamvcluj.ro</a>
	Exploitation of Land Reclamation Systems and Crops Irrigation	Prof. Emil LUCA, PhD <a href="mailto:eluca@usamvcluj.ro">eluca@usamvcluj.ro</a>
		Prof. Ana CIOTLĂUȘ, PhD <a href="mailto:ana.ciotlaus@usamvcluj.ro">ana.ciotlaus@usamvcluj.ro</a>
	Land Reclamation	Prof. Marcel DÎRJĂ, PhD <a href="mailto:marcel.dirja@usamvcluj.ro">marcel.dirja@usamvcluj.ro</a>
	Biophysics	Prof. Horea-Radu CRIVEANU, PhD <a href="mailto:horea.criveanu@usamvcluj.ro">horea.criveanu@usamvcluj.ro</a>

During three years of extensive research, the doctoral students have the opportunity to explore innovative research ideas. They will have the possibility to use our own fine equipment and laboratories. International visits represent a mandatory preoccupation for improving the quality of their research. The doctoral theses in joint program institutions are highly encouraged.



FIND OUT MORE:

The Doctoral School.

Secretary Rodica OANA, E-mail: [rodica.oana@usamvcluj.ro](mailto:rodica.oana@usamvcluj.ro)

## RESEARCH

Activities related to research and innovation, consultancy, technical and technology transfer are performed by the academic, the research staff (postdoctoral fellows) and by the PhD students. The research infrastructure consists of two research centres and several research laboratories. They cover important topics, from biotechnologies, GMO's and biodiversity, to vegetable growing, forestry, business administration, rural development and bio-informatics.

Research facility	Main topic	Supervisor
Research Centre for Biotechnologies in Agriculture	<b>Biotechnologies</b>	Prof. Doru PAMFIL, PhD <a href="mailto:dpamfil@usamvcluj.ro">dpamfil@usamvcluj.ro</a>
Transylvanian Horticulture Research Centre	<b>Horticulture</b>	Prof. Radu E. SESTRĂȘ, PhD <a href="mailto:rsestras@usamvcluj.ro">rsestras@usamvcluj.ro</a>
Genetics and Plant Breeding Laboratory	<b>Genetics</b>	Prof. Radu E. SESTRĂȘ, PhD <a href="mailto:rsestras@usamvcluj.ro">rsestras@usamvcluj.ro</a>
National Laboratory for the Evaluation and the Certification of the Plant Products Containing Genetically Modified Organism	<b>GMO's</b>	Prof. Doru PAMFIL, PhD <a href="mailto:dpamfil@usamvcluj.ro">dpamfil@usamvcluj.ro</a>
Biodiversity Research Laboratory	<b>Biodiversity</b>	Assoc. Prof. Corina CĂȚANĂ, PhD <a href="mailto:corina.catana@usamvcluj.ro">corina.catana@usamvcluj.ro</a>
Laboratory for Landscape Design Using Sustainable Concepts	<b>Landscape</b>	Assoc. Prof. Adelina DUMITRAȘ, PhD <a href="mailto:adelina.dumitras@usamvcluj.ro">adelina.dumitras@usamvcluj.ro</a>
Laboratory for Vegetable Growing	<b>Horticulture</b>	Prof. Alexandru-Silviu APAHIDEAN, PhD <a href="mailto:sapahidean@usamvcluj.ro">sapahidean@usamvcluj.ro</a>
Laboratory for Integrated Management of Forest Ecosystems	<b>Forestry</b>	Assoc. Prof. Liviu HOLONEC, PhD <a href="mailto:lholonec@usamvcluj.ro">lholonec@usamvcluj.ro</a>
Laboratory for Business Administration and Rural Development	<b>Rural development</b>	Assoc. Prof. Felix ARION, PhD <a href="mailto:felixarion@usamvcluj.ro">felixarion@usamvcluj.ro</a>
Laboratory for Land Improvement and Land Measurement	<b>Land amelioration</b>	Prof. Marcel DÎRJA, PhD <a href="mailto:marcel.dirja@usamvcluj.ro">marcel.dirja@usamvcluj.ro</a>
Laboratory for Bio Informatics	<b>Bio informatics</b>	Assoc. Prof. Ioana POP, PhD <a href="mailto:popioana@usamvcluj.ro">popioana@usamvcluj.ro</a>
Laboratory for Mathematical Modelling and Implementation of Life Science Phenomena in Informatics Systems	<b>Life sciences informatics</b>	Assoc. Prof. Florica MATEI, PhD <a href="mailto:faldea@usamvcluj.ro">faldea@usamvcluj.ro</a>



The University organizes an international Scientific Symposium every September ([www.usamvcluj.ro/symposium](http://www.usamvcluj.ro/symposium)). It is one of the biggest life sciences scientific conferences in Eastern Europe. The Faculty manages three topics: horticulture and forestry; economics and rural development and miscellaneous.

## ACADEMIC JOURNALS AND THE PROFESSIONAL ASSOCIATIONS

The most important research results can be published in our own scientific journals holding international recognition and indexed in prestigious scientific-academic databases.

**Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture.** The journal publishes the papers presented at the International Symposium "Prospects for the 3rd Millennium Agriculture", with two issues per volume/year. It is abstracted and/or indexed in: ISI Thomson Reuters Master Journal List; CABI; VINITI; ASCI; Index Copernicus; Elton B Stephens Company (EBSCO) etc (<http://journals.usamvcj.ro/horticulture>)

**Notulae Botanicae Horti Agrobotanici Cluj-Napoca.** It is a peer-reviewed biannual journal, aimed at disseminating significant scientifically contributions on plant breeding, genetics, diversity and development of new methodologies of plant biology, agriculture, horticulture and forestry. It is indexed in ISI Thomson Reuters - SCIE and JCR (IF 2011 = 0.652, "Plant sciences" category), Scopus (being one of the 51 journals from the world included in "Horticulture" category) etc. (<http://notulaebotanicae.ro>)

**Notulae Scientia Biologicae.** It is a quarterly peer-reviewed journal aimed at disseminating significant research and original papers, critical reviews and short reviews on Life Sciences and Medicine, development of new methodologies that can be of interest to a wide audience of scientists in all areas of Biology sciences. It is also indexed in different academic databases (CAB Direct, CAS, CSA, VINITI, EBSCO etc.). (<http://notulaebiologicae.ro>)

**Agricultura - revista de stiinta si practica agricola.** It is a peer-reviewed biannual journal, aimed at disseminating scientifically contributions on all domains and aspects in agriculture, horticulture, forestry, cadastre, animal breeding, food processing. It is indexed in important scientific databases (CAB Direct, VINITI, Index Copernicus etc.). (<http://journals.usamvcj.ro/agricultura>)

The academic staff and the students founded the **Horticulture and Forestry Society from Transylvania** that has become an important scientific and professional association from Romania (<http://shst.ro/>). The society aims to provide and assure the technological transfer between science, practical training and agribusiness.



### FIND OUT MORE:

Prospects for the 3rd Millennium Agriculture Symposium:

<http://www.usamvcluj.ro/symposium/>.

Notulae Botanicae Horti Agrobotanici Cluj-Napoca: <http://notulaebotanicae.ro>.

Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca

<http://journals.usamvcj.ro/horticulture>.

Horticulture and Forestry Society from Transylvania: <http://shst.ro/>.



## THE EXECUTIVE MANAGEMENT AND THE FACULTY COUNCIL

Academic staff involved in the University's central administration:

### Rector

**Prof. Doru PAMFIL, PhD**

Phone: (+40) 264 596 384/102, 240

[rector@usamvcluj.ro](mailto:rector@usamvcluj.ro)

### Vice-rector for quality system and human resource

**Assoc. Prof. Ioana POP, PhD**

Phone: (+40) 264 596 384/285

[popioana@usamvcluj.ro](mailto:popioana@usamvcluj.ro)

The faculty is headed by the **Academic Council**, chosen in 2012 for a period of four years (2012-2016). The executive management of the Faculty is represented by the Dean and the three Vice-deans.

### Dean

**Prof. Radu E. SESTRĂȘ, PhD**

Phone: (+40) 264 596 384/176

[rsestras@usamvcluj.ro](mailto:rsestras@usamvcluj.ro)

### Scientific Vice-dean

**Lecturer Mugurel I. JITEA, PhD**

Phone: (+40) 264 596 384/281.

[mjitea@usamvcluj.ro](mailto:mjitea@usamvcluj.ro)

### Academic Vice-dean

**Prof. Viorel MITRE, PhD**

Phone: (+40) 264 596 384 / 379

[viorel.mitre@usamvcluj.ro](mailto:viorel.mitre@usamvcluj.ro)

### Administrative Vice-dean

**Lecturer Adrian ZAHARIA, PhD**

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[adrian.zaharia@usamvcluj.ro](mailto:adrian.zaharia@usamvcluj.ro)

Prof. Dănuț MĂNIUȚIU, PhD

Assoc. Prof. Liviu HOLONEC, PhD

Assoc. Prof. Felix ARION, PhD

Prof. Mircea Ortelean, PhD

Prof. Maria CANTOR, PhD

Lecturer Claudiu-Ioan BUNEA, PhD

Assoc. Prof. Ioan TĂUT, PhD

Lecturer Ileana ANDREICA, PhD

Lecturer Marioara ILEA, PhD

Prof. Marcel DÎRJA, PhD

Prof. Horea-Radu CRIVEANU, PhD

Tudor SĂLĂGEAN PhD

Petruța Elvira OLTEAN BSc

Sebastian ZAHARIA BSc

Georgeta Liana CORDOȘ MSc

Andreea Flavia TRIPON PhD

Director Department I

Director Department II

Director Department III

Director Department IV

Department I

Department I

Department II

Department III

Department III

Department IV

Department IV

Student, FAS

Student

Student

Student

Student

Faculty Secretary: Felicia JUGASTRU  
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[secretariat.horticultura@usamvcluj.ro](mailto:secretariat.horticultura@usamvcluj.ro)

## STUDENT FACILITIES

Our institution is constantly investing in increasing the comfort of the students' residences. Currently, they are located close to the University Campus, offering accommodation places, fully refurbished in the past four years, with video-surveillance systems and Internet connection in each room. The sports facilities (sports halls and grounds) are constantly developed. A University Sports Club, a folkloric dance formation is also part of our University. The Students' Club and the Pub are very active and visible throughout the academic community. International exchange programs for students (Erasmus, Leonardo) to acquire educational, research experience abroad are actively promoted, including those managed by the student associations.



Agronomia Pub



The traditional dance team



The Handball team



Students' gym



The library



Students' restaurant

FIND OUT MORE:

The University Life Science library: <http://www.biblioteca.usamvcluj.ro>

## THE FACULTY DEPARTMENTS AND THE ACADEMIC STAFF

The Faculty of Horticulture is divided into four departments. They are the core of the academic and the research activity.

### DEPARTMENT OF HORTICULTURE AND LANDSCAPE ARCHITECTURE



### DEPARTMENT OF FORESTRY



### DEPARTMENT OF ECONOMIC SCIENCES



### DEPARTMENT OF LAND MEASUREMENT AND EXACT SCIENCES





## DEPARTMENT OF HORTICULTURE AND LANDSCAPE ARCHITECTURE

It is dedicated to excellence in teaching and research. The research is cutting edge in many exciting areas: biotechnologies, OMGs, plant breeding, biodiversity, landscape design and horticulture techniques.



Professor  
**Dănuț-Nicolae MĂNIUȚIU**, PhD,  
Director of Department



Professor  
**Radu E. SESTRĂȘ**, PhD,  
Dean



Lecturer  
**Adrian ZAHARIA**, PhD,  
Administrative Vice-dean



Professor  
**Alexandru-Silviu APAHIDEAN**, PhD



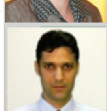
Professor  
**Nastasia POP**, PhD



Assoc. Professor  
**Mirela-Irina CORDEA**, PhD



Assoc. Professor  
**Rodica-Maria SIMA**, PhD



Lecturer  
**Claudiu-Ioan BUNEA**, PhD



Lecturer  
**Lucica-Alina (MIHALTE) CRIȘAN**, PhD



Assistant  
**Ioana MICU**



Assistant  
**Valentin SINGUREANU**, PhD



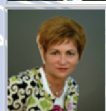
Professor  
**Doru PAMFIL**, PhD,  
Rector



Professor  
**Viorel MITRE**, PhD,  
Academic Vice-dean



Professor  
**Maria APAHIDEAN**, PhD



Professor  
**Maria CANTOR**, PhD



Assoc. Professor  
**Corina CĂTANĂ**, PhD



Assoc. Professor  
**Vasile LAZĂR**, PhD



Lecturer  
**Anca-Cristina BABEȘ**, PhD



Lecturer  
**Erzsebet BUTA**, PhD



Lecturer  
**Rodica POP**, PhD



Assistant  
**Cristian-Radu SISEA**, PhD

**Dănuț-Nicolae MĂNIUȚIU**  
**Professor, PhD; Vegetable Growing**  
E-mail: [dan.maniutiu@usamvcluj.ro](mailto:dan.maniutiu@usamvcluj.ro)  
Phone: (+40) 264 111 222 / 276



**Faculty responsibilities:** Director of the Department (2012- ).

**Education:** PhD in Vegetables growing (1998); Bachelor in Horticulture (1984), UASVM Cluj-Napoca;

**Research profile:** PhD supervisor, Vegetable Growing.

**Scientific achievements/awards:** co-author of 7 books and 130 scientific papers. Member in 5 professional and scientific associations; SRH and ASAS award (outstanding book) and CNCIS award in 2008.

**Doru PAMFIL**  
**Professor, PhD; Biotechnology**  
E-mail: [dpamfil@usamvcluj.ro](mailto:dpamfil@usamvcluj.ro)  
Phone: (+40) 264 596 384 / 102



**University / Faculty responsibilities:** Rector (2008-2012; 2012-); Vice-rector (2000-2004; 2004-2008) of the University, Vice-dean of the Faculty of Horticulture (1992-1996; 1996-2000).

**Education:** PhD in Agronomy (1983), UASVM Cluj-Napoca; Bachelor in Agriculture, Faculty of Agriculture and Horticulture, UASVM Cluj-Napoca (1977).

**Research profile:** PhD supervisor in Genetics and Plant Breeding; Researcher at Tissue culture laboratory, Fruit Research Station Cluj-Napoca (1977-1989), Plant Science Institute Beltsville, Fulbright fellow (1994-1995) and visiting scientist (1996).

**Scientific achievements/awards:** author/co-author of 8 books, 276 scientific papers (61 ISI) and co-author of 5 inventions; director of 37 national and international scientific grants (in total more than 20 Mil. Euros). Correspondent Member of the Romanian Academy. Member and Associate member of the Romanian Academy of Agricultural Sciences and Forestry. Member of 18 professional organisations (CNATDCU, CNCS, ISHS, ESNA, ENGL etc) and Science Editor of Notulae Botanicae Horti Agrobotanici Cluj-Napoca and Notulae Scientia Biologicae, Journal of Central European Agriculture and member of the EC steering board of the European Innovation Partnership.





**Radu E. SESTRAS**

**Professor, PhD; Plant Breeding**

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Phone: (+40) 264 596 384 / 176

<http://www.sestras.ro/>

**Faculty responsibilities:** Dean (2008-2012; 2012-); Vice-dean (2004-2008); member of the Faculty Council and UASVM Cluj-Napoca Senate (2004-2012).

**Education:** PhD in Genetics and Plant Breeding (1997), UASVM Cluj-Napoca; Bachelor in Agriculture, Faculty of Agriculture and Horticulture, UASVM Cluj-Napoca (1985). **Research profile:** PhD supervisor in Horticulture - Genetics and Plant Breeding (since 2007). Researcher - fruit breeding laboratory, Fruit Research Station Cluj (1990-1994). Director and member of different research projects.

**Scientific achievements/awards:** Over 250 scientific papers; 21 new apple and pear cultivars, homologated by ISTIS; diplomas and medals obtained for new apple and pear cultivars. Member of ISHS, Eucarpia, SRH, SHST (honorary president), ARACIS, CNATDCU, RNE, associate member ASAS. 'Socio Onorario' Honorary Member elected by the La Società di Medicina e Scienze Naturali dell' Università di Parma, Italy, 2005; 'Rudy G.' medal, granted by the Senate of the Agricultural State University of Moldova, 2007. Editor 'Notulae Botanicae Horti Agrobotanici Cluj-Napoca', 'Notulae Scientia Biologicae' etc.



**Viorel MITRE**

**Professor, PhD; Fruit Growing**

E-mail: [viorel.mitre@usamvcluj.ro](mailto:viorel.mitre@usamvcluj.ro)

Phone: (+40) 264 111 222 / 379

**Faculty responsibilities:** Academic Vice-dean (2012-), Head of Horticulture and Landscape Architecture Department (2008-2012). Coordinator of curricula for Horticulture and Landscape Architecture. **Education:** PhD in Plant Physiology (1998), UASVM Cluj-Napoca; Researcher, Fruit Research Station Cluj-Napoca (1990); Bachelor in Horticulture, Faculty of Agriculture and Horticulture, UASVM Cluj-Napoca (1984). **Research profile:** Pomology, Plant physiology, Plant protection. PhD supervisor in Fruit Growing. **Scientific achievements/awards:** Author and co-author of 7 books and 101 scientific papers. Member of 5 professional and scientific associations. Author and co-author of three OSIM patents. In 2009, became president of Horticultural and Forestry Society from Transylvania. Obtained two Certificates of excellence and golden medals – International Hall of Inventions PRO INVENT Cluj-Napoca (2010, 2012) for a Group of inventions. Member of the Commission of Plant and Animal Resources Engineering, for analysis of contestations against decisions CNADTCU. Production Editor of "Notulae Botanicae Horti Agrobotanici Cluj-Napoca" and Advisory Editor of "Notulae Scientia Biologicae", Associate Editors of "Bulletin of UASMV Cluj-Napoca. Horticulture".



**Adrian ZAHARIA**

**Lecturer, PhD;**

**Ornamental Arboriculture and Landscape Architecture**

E-mail: [adrian.zaharia@usamvcluj.ro](mailto:adrian.zaharia@usamvcluj.ro);

Phone: (+40) 264 111 222 / 151



**Faculty responsibilities:** Vice-dean(administrative, social and student management, 2012-).

**Education:** PhD in Horticulture(2010), UASVM Cluj-Napoca; Msc. in Designing, managing and maintaining of green spaces, UASVM Cluj-Napoca (2010) and in Horticultural crop production in controlled environment (2004); Bachelor in Horticulture, Faculty of Horticulture, UASVM Cluj-Napoca (2002). **Research profile:** Methods of multiplication and reproduction in some species of Sedum; Improvement, diversification and conservation of germplasm fund of the flower species grown in fields and greenhouses. **Scientific achievements/awards:** Scientific papers as author/co-author: 54 (23 first author); Grant director and member of more than 20 projects - CEEEX, CNCISIS, Orizont 2000, Grant Romanian Academy, World Banc etc. 2011 Member of the Society of Horticulture and Forestry in Transylvania; 2008 Member of the Romanian Society of Horticultural, 2008 Member of the Society Friends of Roses, 2010 Member of the Association of Landscape Architects in Romania.

**Maria APAHIDEAN**

**Professor, PhD; Vegetables Growing**

E-mail: [mapahidean@usamvcluj.ro](mailto:mapahidean@usamvcluj.ro);

Phone: (+40) 264 111 222 / 279



**Faculty responsibilities:** Head of the Department Horticultural Technologies (2004-2008). **Education:** PhD in Vegetable growing UASVM Cluj-Napoca (1998); Bachelor in Horticulture, Faculty of Horticulture,

UASVM Bucharest (1980). **Research profile:** PhD coordinator in the Vegetables Growing area.

**Scientific achievements/awards:** Author of 6 books and over 200 scientific papers. Member of the European Society for the New Methods in Agricultural Research and BEnA Balkan Environmental Association. Director of more than 5 research grants in the area of sustainable vegetables growing techniques.

**Alexandru-Silviu APAHIDEAN**

**Professor, PhD; Vegetable Growing**

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Phone: (+40) 264 111 222 / 282



**Faculty responsibilities:** Dean of the Faculty (2004-2008). Vice-dean (2000-2004).

**Education:** PhD in Irrigation Techniques (1996), UASVM Cluj-Napoca;

Bachelor in Agriculture, Faculty of Agriculture and Horticulture, UASVM Cluj-Napoca (1977).

**Research profile:** PhD coordinator in the Vegetable Growing area. **Scientific achievements/awards:** 24 academic textbooks; 176 scientific papers (65 as first author); directed more than 10 research grants; member of other 30 research teams. Belonging to the board of Agricultural and Forestry Sciences CNATDCU, is responsible with the acknowledgement of the academic titles in Romania; member of the board of the permanent experts - ARACIS, board 8 (2006-2008) and then board 14, institutional credentials (2008-); associate member of the Academy of Agricultural and Forestry Sciences (2010-).







**Maria CANTOR**

**Professor, PhD; Floriculture and Landscape Architecture**

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Phone: (+40) 264 111 222 / 151

**Faculty responsibilities:** Research Chancellor (2009-2012); Member in the UASVM Faculty Council (2008-) and in the Senate (2008-2012); Director of the MSc. Landscape Design. **Education:** PhD in Genetics and Plant Breeding, UASVM Cluj-Napoca (1994); Researcher, Fruit Research Station Zalău (1981-1986), Fruit Research Station Cluj (1986-1989); Bachelor in Agriculture, Faculty of Agriculture and Horticulture, UASVM Cluj-Napoca (1978). **Research profile:** PhD supervisor in Floriculture and Ornamental Arboriculture areas. **Scientific achievements/awards:** Author or co-author of 17 patents of flower cultivars (Gladiolus, Gerbera and Carnation), published more than 15 academic books and 227 scientific papers; director or member of more than 50 scientific grants. President of the Romanian Rose Society; Obtained many awards for the outstanding academic and research activity.



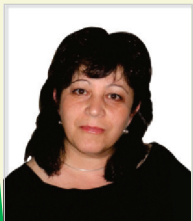
**Nastasia POP**

**Professor, PhD; Viticulture**

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Phone: (+40) 264 111 222 / 214

**Faculty responsibilities:** Coordinates two Master Programs: Horticultural Sciences and Production and Selling Technology of the Special Wines and their Derivative Products. **Education:** PhD in Agriculture and Horticulture UASVM Cluj-Napoca (1998); Bachelor in Agriculture, Faculty of Agriculture, UASVM Cluj-Napoca (1976). **Research profile:** PhD coordinator in the Viticulture area; Viticulture, Soil Science, Wine-Growing Technologies. **Scientific achievements/awards:** Professional affiliation: Romanian Roses' Friends Association (2010-); Horticultural and Forestry Society from Transylvania (2009-); Romanian Horticulturists Society, (2005-); Society for Ecological Agriculture from Romania (1998-). Author of 9 books and more than 160 scientific papers (first or co-author). Project manager of the research grant CALIST-P3 (2004-2006); project responsible at POAT, CEEX, VIASAN – P2, in 2005-2008 and member of other 6 research grants.



**Corina CĂTANĂ**

**Associate Professor, PhD; Plant Biotechnology**

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Phone: (+40) 264 111 222 / 247

**Faculty responsibilities:** Coordinator of Biodiversity and Bio conservation MSc. Program. Director of Biodiversity Research Laboratory.

**Education:** PhD in Genetics and Plant Breeding from UASVM Cluj-Napoca (2000); MSc in In vitro Plant Genetic Manipulation Course from Univ. of Nottingham UK (1996); Bachelor in Agriculture, Faculty of Agriculture UASVM Cluj-Napoca (1991). **Research profile:** In vitro Genetic Manipulation (GMO techniques); Biosafety and Risk Assessment for the Environmental Release of Genetically Modified Organisms (GMOs); 3 NATO-ASI courses in AI and Biosafety and risk assessment GMOs. Advanced Techniques for in vitro Plant Cell and Tissue Culture (micropropagation, cell culture, protoplasts, regeneration, culture systems); Plant Morphology and Organogenesis (regeneration).

**Scientific achievements/awards:** 4 books; more than 60 published research and scientific papers; Project coordinator for 14 research projects. Member in professional and scientific associations and elected member in the Euroscience Governing Board (2008-2010).



## Mirela-Irina CORDEA

**Associate Professor, PhD; Horticultural Plant Breeding**

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**Faculty responsibilities:** Coordinates the MSc. of Genetic Engineering in Plant Breeding; Faculty responsible for the ERASMUS program and the Internal Quality System; Academic Advisor of the Department Council and Member in the UASVM Cluj-Napoca Senate (2012-).

**Education:** PhD in Horticulture, Genetics and Plant Breeding, UASVM Cluj-Napoca (2004); Marie Curie Scholarship at Danish Institute of Agricultural Science, Copenhagen, Denmark, Plant Biotechnology Dpt (2002-2003); Bachelor in Horticulture, Faculty of Horticulture, USAVM Cluj-Napoca (1993). **Research profile:** Plant Genetics and Breeding, Seed Production, Biotechnologies. **Scientific achievements/awards:** Published 3 academic books (as author or co-author) and more than 95 scientific papers of which 21 as first author. Member in 11 research projects. Member of four professional affiliations: 1998 - Romanian Society of Roses in Romania, 2003 - EUCARPIA, European Association for Research on Plant Breeding 2003 - ISHS, International Society for Horticultural Sciences, 2012 - Horticulture and Forestry Society from Transylvania

## Vasile LAZĂR

**Associate Professor, PhD;**

**Postharvest Technologies of Horticultural Crops**

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**Faculty responsibilities:** Administrator of the Department (2012-) and the Faculty supervisor for Distance Education Studies.

**Education:** PhD in Vegetables growing (1999); Bachelor in Horticulture, Faculty of Horticulture UASVM Cluj-Napoca (1990). **Research profile:** Postharvest Technologies of Horticultural Crops. **Scientific achievements/awards:** Books: 3 (as first author); Scientific papers: 76 scientific papers published in different scientific journals (41 as first author). Research grants: Director of one research grant (2005-2006); member of other 3 research projects.

## Rodica-Maria SIMA

**Associate Professor, PhD; Vegetable Growing**

E-mail: [rodica.sima@usamvcluj.ro](mailto:rodica.sima@usamvcluj.ro); Phone: (+40) 264 111 222 / 377



**Faculty responsibilities:** Vice-director of the Department and member of the University Senate (2012-) **Education:** PhD in Vegetable growing UASVM Cluj-Napoca (2003); Bachelor in Horticulture, Faculty of Horticulture UASVM Cluj-Napoca (1995).

**Research profile:** Vegetables Growing in Field and Controlled Climate; Management of Horticultural Crops in Controlled Climate; Alimentary Quality of Vegetables; Ornamental Vegetables Gardening. **Scientific achievements/awards** Publications: approximately 120 publications – including books, scientific papers and articles. Member of professional and scientific societies and associations: Balkan Environmental Association, Transylvanian Society of Horticulture and Forestry, Romania's Association of Bio-agricultural Farmers, Roses' Friends Association, Romanian Society of Horticulturalists. Received the Romanian Society of Horticulture and Agricultural and Forestry Sciences Academy awards in 2008 for an outstanding academic book.





**Anca-Cristina BABEȘ**

**Lecturer, PhD; Oenology and Ampelography**

E-mail: [ancababes@usamvcluj.ro](mailto:ancababes@usamvcluj.ro); Phone: (+40) 264 111 222 / 278

**Faculty responsibilities:** Research Chancellor of the Department (2012-) and responsible for the Faculty Alumni Association (2008-).

**Education:** PhD in Agronomy UASVM Cluj-Napoca (2011); Bachelor in Horticulture, Faculty of Horticulture UASVM Bucharest (1995).

**Research profile:** Viticulture and Oenology.

**Scientific achievements/awards:** first author to an academic book and 66 scientific papers published in different scientific journals (12 as first author). Member in 3 research projects. Member of different professional associations: Romanian Society of Horticulturalists, Transylvanian Society of Horticulture and Forestry, Romanian Roses' Friends Association, Romania's Association of Bio-agricultural Farmers.



**Claudiu-Ioan BUNEA**

**Lecturer, PhD; Viticulture**

E-mail: [claudiu.bunea@usamvcluj.ro](mailto:claudiu.bunea@usamvcluj.ro); Phone: (+40)264 111 222/214

**Faculty responsibilities:** Director of the Consulting Centre, USAVM Cluj-Napoca and member of the Faculty Council (2012-).

**Education:** PhD in Horticultural Sciences, specialization Genetics and Plant Breeding (2010) UASVM Cluj-Napoca; Bachelor in Horticulture (2003);

**Research profile:** Viticulture; Genetics and Plant Breeding; Organic

Viticulture. **Scientific achievements/awards:** Author and co-author of 3 books and 49 scientific papers out of which 3 ISI Thomson Reuters indexed. Member of 3 professional associations. Director of one Research Grant (UASVM Cluj-Napoca, 2012) and member of 6 other research projects. Research engineer III - responsible for the Collection of Didactic-Experimental Wine station.



**Erzsebet BUTA**

**Lecturer, PhD; Floriculture and Landscape Architecture**

E-mail: [erzsebet.buta@usamvcluj.ro](mailto:erzsebet.buta@usamvcluj.ro); Phone: (+40) 264 111 222/151

**Education:** PhD in Vegetable Growing from the UASVM Cluj-Napoca (2008); MSc. Degree in Landscape Design and Maintenance of Green Areas (2010) and in Horticultural Crops in Controlled Climate (2006); Bachelor in Horticulture, UASVM Cluj-Napoca (2004).

**Research profile:** Improving the Culture Technologies of Floral Plants; Wastewater Treatment with Aquatic Plants.

**Scientific achievements/awards:** Author and co-author of 2 books and 97 scientific papers (3 published in ISI Journals). Member in 3 professional associations and director of 2 scientific grants, the first financed by the Romanian Authority of Scientific Research (2006-2008) and the second one by UASVM Cluj-Napoca (2012). Member in more than 10 other research projects.



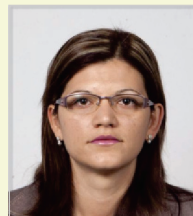


**Lucica-Alina (MIHALTE) CRIȘAN**  
**Lecturer, PhD; Fundamentals of Plants Reproduction,**  
**Plants Biodiversity and Conservation**

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Phone: (+40) 264 111 222 / 176

<http://www.luciamihalte.objectis.net>



**Education:** PhD in Horticulture, Genetics and Plant Breeding(2010); Msc in Horticulture; Graduated the Faculty of Horticulture UASVM Cluj-Napoca (2006). **Research profile:** Plant sciences; Seed Production; Biodiversity. **Scientific achievements/Awards:** Author or co-author of over 20 scientific papers, within 8 of them ISI Thomson Reuters indexed. Member of ISHS, CSSA, CSSNZ, SRH, SHST. Journal Secretary - "Notulae Botanicae Horti Agrobotanici Cluj-Napoca" and "Notulae Scientia Biologicae" journals.

**Rodica POP**

**Lecturer, PhD; Microbiology**

E-mail: [prodica@usamvcluj.ro](mailto:prodica@usamvcluj.ro); Phone: (+40) 264 111 222 / 245

**Faculty responsibilities:** Member of the Departmental Council (2012-).

**Education:** PhD in Horticulture from UASVM Cluj-Napoca (2008); MSc in Biotechnology (1998); Bachelor in Agriculture, Faculty of Agriculture UASVM Cluj-Napoca (1997).

**Research profile:** Microbiology; Micropropagation; Biotechnology.

**Scientific achievements/awards:** Books: 2; scientific papers: 73 papers author/co-author; 9 papers as first author; Research grant: 2003-2005, grant CNCIS tip A.



**Valentin SINGUREANU**

**Assistant, PhD; Computer Aided Design,**  
**Ornamental constructions and 3D Modelling.**

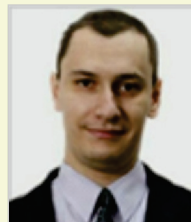
E-mail: [valentin.singureanu@usamvcluj.ro](mailto:valentin.singureanu@usamvcluj.ro)

Phone:(+40) 264 111 222 / 278

**Education:** PhD in Vegetable growing (2008), UASVM Cluj-Napoca; MSc. in Landscape Design and Maintenance of Green Areas (2010) and in HorticulturalCrops in Controlled Climate (2007); Bachelor in Horticulture

(2005). **Research profile:** Landscape Design; Computer Aided Design; Ornamental Constructions.

**Scientific achievements/awards:** Scientific papers: 48 articles published, from which 10 as first author and 38 as co-author. Awards: UASVM Teacher Gala (2010) - 3rd Place for the Landscape Design Specialization, winner of a CNCIS TD grant 23GR (2006-2008), Member in 7 research projects.



**Cristian-Radu SISEA**

**Assistant, PhD; Plant Biotechnologies**

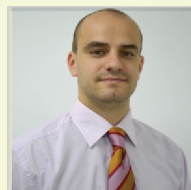
E-mail: [cristian.sisea@usamvcluj.ro](mailto:cristian.sisea@usamvcluj.ro);

Phone: (+40) 264 111 222 / 278

**Education:** PhD in Genetics and Plant Breeding (2009); Graduate of the Faculty of Horticulture (2005). **Research profile:** Research activities are

centred on GMO testing and the use of molecular markers in plant sciences, within the new Institute of Life Sciences, UASVM Cluj-Napoca.

**Scientific achievements/awards:** Awarded a CNCIS BD grant, a CNCIS TD grant and a POSDRU postdoctoral fellowship, all focused on GMO testing.



## DEPARTMENT OF FORESTRY

The mission of the department is to provide leadership in the creation and dissemination of knowledge in forestry and related industries. This mission provides the basis for courses in undergraduate (Forestry) and Master Programs (Forestry Ecosystem Management). The overall goal in research is to increase the productivity of plantation forests both in the Carpathian Mountains and in the South Eastern Europe, wood use for traditional as well as emerging products.



Assoc. Professor  
**Liviu HOLONEC, PhD,**  
**Director of Department**



Professor  
**Doina-Elena STANA, PhD**



Assoc. Professor  
**Ioana MITRE, PhD**



Assoc. Professor  
**Ioan TĂUT, PhD**



Lecturer  
**Adriana F. SESTRĂȘ, PhD**



Lecturer  
**Horia-Dan VLASIN, PhD**



Assistant  
**Vasile CEUCA, PhD**



Assistant  
**Mihaela MIHAI**



Assistant  
**Brîndușa-Aniela RUSU**



Professor  
**Rodica-Silvia STAN, PhD**



Assoc. Professor  
**Adelina DUMITRĂȘ, PhD**



Assoc. Professor  
**Elvira OROIAN, PhD**



Lecturer  
**Ilie COVRIG, PhD**



Lecturer  
**Vasile SIMONCA, PhD**



Assistant  
**Alexandru APAHIDEAN, PhD**



Assistant  
**Alexandru COLIȘAR, PhD**



Assistant  
**Oana-Maria ORBAN**

**Liviu HOLONEC**

**Associate Professor, PhD**

**Forest Ecosystem Management and Bio Conservation**

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**Faculty responsibilities:** Director of the Forestry Department and member in the Faculty Council (2008-).

**Education:** PhD in Agronomy, specialization Forest Pathology (1998), UASVM Cluj-Napoca; Bachelor in Forestry, Faculty of Forestry Brasov (1983).

**Research profile:** Integrated Protection of Forest Nurseries; Modern Technologies of Producing Seedling Plants; Ecological Reconstruction of Land with Erosion Phenomena.

**Scientific achievements/Awards:** 6 academic textbooks; 98 scientific papers (40 as first author). 8 research grants, 3 times project director (2002, 2003). Awards: (2008) "Traian Săvulescu" award of the Romanian Academy for "Trilingual Phytopathology Atlas"; (2007) "Iuliu Prodan" award of "Gheorghe Ionescu Sisesti" Academy of Agricultural and Forestry Sciences for "Trilingual Phytopathology Atlas"; "Marin Dracea" diploma, 1st class, Romanian Ministry of Agriculture, Food and Forests; 1st degree general inspector, second in the forestry professional ranking hierarchy.

**Rodica-Silvia STAN**

**Professor, PhD; English Language**

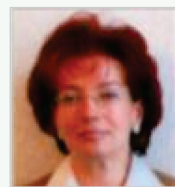
E-mail: [rodica.stan@usamvcluj.ro](mailto:rodica.stan@usamvcluj.ro); Phone: (+40) 264 111 222 /125

**Faculty responsibilities:** Member in the Faculty Council (2008-2012); Research Chancellor of the Forestry Department (2012-); Head of the Languages Division.

**Education:** PhD in Philology (British and American Literature) from Lucian Blaga University, Sibiu (1999); Bachelor in English, English-Russian, Babes-Bolyai University (1979).

**Research profile:** English for Specific Purposes (Agricultural sciences); English Language Teaching Methodology; British and American Literature.

**Scientific achievements/Awards:** Important international experience materialised in scientific papers and books published in Japan, USA, Germany, Spain, Croatia, Macedonia, and Hungary; 90 papers (65 as first author); 2 research grants.



**Doina-Elena STANA**

**Professor, PhD; Botany, Morphology and Systematics**

E-mail: [doina.stana@usamvcluj.ro](mailto:doina.stana@usamvcluj.ro)

**Education:** PhD in Agriculture (1977), Bachelor in Agriculture (1970) UASVM Cluj-Napoca.

**Research profile:** Genetics and Plant Breeding, Fodder Culture, Microbiology, Rural Tourism.

**Scientific achievements/Awards:** Author or co-author of 17 scientific books and 85 scientific papers. Member of 10 international and national projects. Long-term training in the following programme: PHARE "Agricultural and House Development" (1992, France), European Institute AMEPS Erquelines (1993, Belgium), ECOS (1998, Italy), Raphael (1998, Spain), Swiss-Lausanne (2003), SRVA "Service Romand de Vulgarisation Agricole" (2005), Cooperation transnationale GAL Bocage Bourbonnais-Val de Sioule Forterre and Cluj County Cluj (2005-2006). Member of the editorial team "Notulae Botanicae Horti Agrobotanici Cluj-Napoca" journal.





**Adelina DUMITRAȘ**

**Associate professor, PhD;  
Floriculture, Ornamental Arboriculture  
and Landscape Architecture**

E-mail: [adelina.dumitras@usamvcluj.ro](mailto:adelina.dumitras@usamvcluj.ro);

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**Education:** PhD in Genetics and Plant Amelioration (2005), UASVM Cluj-Napoca; MSc. in Horticultural Crops in Controlled Climate (2002); Bachelor in Horticulture (1993).

**Research profile:** Landscape, Landscape Architecture, Planning, Floriculture, Ornamental Arboriculture, Biotechnology.

**Scientific achievements/Awards:** Author or co-author of 14 books and chapters, over 75 scientific papers. Director of several research grants financed by the Romanian national authorities.



**Ioana MITRE**

**Associate Professor, PhD; Forestry Products and Fruit Growing**

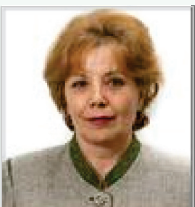
E-mail: [ioana.mitre@usamvcluj.ro](mailto:ioana.mitre@usamvcluj.ro);

Phone: (+40) 264 111 222 / 379

**Education:** PhD in Agro chemistry (2003), UASVM Cluj-Napoca; Bachelor in Horticulture, Faculty of Agriculture and Horticulture, UASVM Cluj-Napoca (1984).

**Research profile:** Fruit growing, Pomology, Plant physiology, Fruit Trees Protection.

**Scientific achievements/Awards:** Publication: over 75 publications – including books, scientific papers and articles. Member of 5 professional and scientific associations; author and co-author of three OSIM patents; two Certificates of excellence and golden medals – International Hall of Inventions PRO INVENT Cluj-Napoca (2010, 2012) for a Group of inventions. Member in professional associations: The National Association for Plant Protection, The Romanian Engineers Association.



**Elvira OROIAN**

**Associate Professor, PhD; French Language**

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Phone: (+40) 264 111 222 / 125

**Faculty responsibilities:** Academic advisor of the Forestry Department (2012-).

**Education:** PhD in Linguistics (2005), Babes-Bolyai University, Cluj-Napoca; Bachelor in Philology (1979), Babes-Bolyai University, Cluj-Napoca.

**Research profile:** French Language for Scientific Purposes.

**Scientific achievements/Awards:** Participated in national and international conferences and published 4 books and over 60 scientific papers in many professional journals. Currently involved in a project on French for Specific Purposes, financed by the Francophone University Agency, together with other Universities from Zagreb, Iasi, and Chisinau.





### Ioan TĂUT

#### *Associate Professor, PhD; Forestry*

E-mail: [ioan.taut@usamvcluj.ro](mailto:ioan.taut@usamvcluj.ro); Phone: (+40) 264 111 222 / 381

**Faculty responsibilities:** Vice-director of the Forestry department, member in the University Senate and in the Faculty Council (2012-).

**Education:** PhD in Plants Protection (1998) from the Romanian Academy of Agriculture and Forestry; Bachelor in Forestry (1990) Transylvania University, Brasov. **Research profile:** Forest Ecology, Protection of Forest Culture.

**Scientific achievements/Awards:** Publication: over 140 publications – including books, scientific papers and articles. Member of professional and scientific associations: The Forest Progress association, The National Association for Plant Protection, The Romanian Engineers Association.



### Ilie COVRIG

#### *Lecturer, PhD; Forest Management Planning*

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**Education:** PhD in Silviculture (2003) from Transylvania University Brasov; Bachelor degree (1990). **Research profile:** Forestry, Land Improvement in the Forestry Area. **Scientific achievements/Awards:** Scientific papers: 14 papers in total, of which 9 as co-author and 5 as first author. Member in several scientific and professional associations.



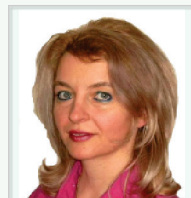
### Adriana F. SESTRĂȘ

#### *Lecturer, PhD; Biostatistics and Experimental Technique, Biodiversity*

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**Education:** PhD in Horticulture, Genetics and Plant Breeding (2010); Bachelor in Horticulture, UASVM Cluj-Napoca, Faculty of Horticulture (2006).

**Research profile:** Scientific secretary (2010-2012), Researcher - ACS, CS, CS III (2006-2012), Fruit Research Station Cluj. Member and responsible of different research projects in plant breeding and biodiversity area. Member of ISHS, Eucarpia, SRH, secretary of SHST society.

**Scientific achievements/Awards:** Over 50 scientific papers, mostly in plant breeding and biodiversity, indexed in academic databases; co-author of three apple and six pear cultivars, homologated ISTIS; diplomas and medals obtained for new apple and pear cultivars.

### Vasile ȘIMONCA

#### *Lecturer, PhD; Wood Study and Dendrology*

E-mail: [vasile.simonca@usamvcluj.ro](mailto:vasile.simonca@usamvcluj.ro);

Phone: (+40) 264 111 222 / 381

**Faculty responsibilities:** Financial coordinator of the Forestry Department (2012-). **Education:** PhD in Agronomy (2011), UASVM Cluj-Napoca; Bachelor in Silviculture (1999) from Transylvania University, Brasov.

**Research profile:** Forest Measurement and Wood Research; Growth Stands and Forest Measurements; Ecological Reconstruction of Terrains with Erosion Phenomena; Integrated Protection of Forest Culture and Nurseries.

**Scientific achievements/Awards:** 29 papers of which: 19 published in scientific journals quoted in international scientific data bases (11 as first author); 4 Professional affiliations



**Horia-Dan VLAȘIN****Lecturer, PhD; Forest Management Planning**E-mail: [horiavd@usamvcluj.ro](mailto:horiavd@usamvcluj.ro); Phone: (+40) 264 111 222 / 381**Education:** PhD in Forestry Ameliorations (2012) UASVM Cluj-Napoca; MSc. Modern Bio-technologies (2000) Transylvania University Brasov; Bachelor in Silviculture (1999).**Research profile:** Ecological Reconstruction by Afforestation of Degraded Areas, Forestry Genetics, Forest Protection. **Scientific achievements/Awards:** 22 scientific papers published in Romanian and foreign professional journals; 12 research projects as director and member in 13 research projects.**Alexandru-Ioan APAHIDEAN****Assistant, PhD; Practical Training**E-mail: [alexandru.apahidean@usamvcluj.ro](mailto:alexandru.apahidean@usamvcluj.ro)

Phone: (+40) 264 111 222 / 279

**Education:** PhD in vegetables growing (2011) from UASVM Cluj-Napoca; Bachelor in Horticulture (2007). **Research profile:** Vegetable Growing Technologies; Vegetable Seed Production.**Scientific achievements/Awards:** 31 scientific papers. Other mentions: Grant director 2012, UASVM. Socrates Erasmus Scholarship in 2004, Writtle College, UK Professional affiliation to European Society for New Methods in Agricultural Research (ESNA).**Vasile CEUCA****Assistant, PhD; Hunting Management**E-mail: [vasile.ceuca@usamvcluj.ro](mailto:vasile.ceuca@usamvcluj.ro); Phone: (+40) 264 111 222 /132**Education:** PhD in Horticulture (2011) from UASVM Cluj-Napoca; Bachelor in Silviculture (2006).**Research profile:** Hunting Management, Forest Exploitations, Biotechnologies and Tree Genetics.**Scientific achievements/Awards:** 18 scientific papers. Other mentions: member in the research team of 3 national research programs. Erasmus Scholarship, Universidad Politecnica de Valencia, Spain (2007).**Alexandru COLIȘAR****Assistant, PhD;*****Torrent Correction, Land Improvement and Afforestation***E-mail: [alexandru.colisar@usamvcluj.ro](mailto:alexandru.colisar@usamvcluj.ro)

Phone: (+40) 264 111 222 / 132

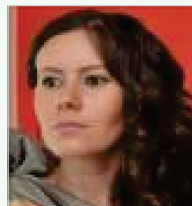
**Education:** PhD in Land improvement (2011) from UASVM, Cluj-Napoca; Bachelor in Silviculture (2006).**Research profile:** Torrent Correction, Hydro technical Construction and Rehabilitation of Degraded Land.**Scientific achievements/Awards:** two academic practical guides, 19 scientific papers (6 as first author). Member in the research team of four research projects (2005-2011).

**Mihaela MIHAI**

***Assistant; English Language***

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**Education:** Bachelor in Philology and International Relations (2004) from Babes-Bolyai University Cluj-Napoca, MA in Management of International Relations, PhD student in International Relations (Babes-Bolyai University). **Research profile:** Special Languages, European Communication, research being conducted as part of five research teams.

**Scientific achievements/Awards:** member of Notulae Botanicae Horti Agrobotanici Cluj-Napoca editorial board (ISI journal; Linguistic Editor) and Bioflux Society Journal; author of more than 30 scientific papers as main author or co-author.

**Oana-Maria ORBAN**

***Assistant; Sport and Physical Education***

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Phone: (+40) 264 111 222 / 122



**Education:** PhD student, University Babes-Bolyai University, Faculty of Geography, Department of Human Geography (2007); MSc. Faculty of Physical Education, Kinesiology Specialization, Babes-Bolyai University

(2005); Bachelor in Therapy Specialization (2002), and Physical Education, Specialty Alpine Skiing (1998), from Babes-Bolyai University.

**Research profile:** Alpine Skiing, Therapy.

**Scientific achievements/Awards:** several scientific papers.

**Aniela-Brândușa RUSU**

***Assistant; Sport and Physical Education***

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Phone: (+40) 264 111 222 / 122



**Education:** PhD student at UMF Cluj-Napoca, Department of Diabetes, Nutrition and Metabolic Diseases (2007-); MSc. in Mass media and Multimedia in Sports (2006) Babes-Bolyai University Cluj-Napoca; Bachelor in Physical Education and Sports (2005), Babes-Bolyai University.

**Research profile:** Physical Education and Sports.

**Scientific achievements/Awards:** Member of Kangoo Jumps Romania Club (Cluj-Napoca branch). Kangoo Jumps International Trainer.

## DEPARTMENT OF ECONOMIC SCIENCES

It developed a reputation of excellence in all three functions of its mission: teaching, research, and extension services. Today, the department maintains large and diverse undergraduate programs (Economic Engineering in Agriculture; Management and Engineering in Food and Agri-tourism; Management and Engineering in Tourism) and Master programs (Agribusiness), as well as research and extension services. The diversity of agricultural economics, agribusiness, agriculture policies and rural economic development issues provides a wide array of research activities.



Assoc. Professor  
**Felix-Horațiu ARION**, PhD  
Director of Department



Professor  
**Sabina FUNAR**, PhD



Lecturer  
**Ileana ANDREICA**, PhD



Lecturer  
**Mihai CUCERZAN**, PhD



Lecturer  
**Marioara ILEA**, PhD



Lecturer  
**Mihai ORBAN**



Lecturer  
**Alexandru-Dorel TODEA**, PhD



Lecturer  
**Firuța-Camelia TODORAN**, PhD



Lecturer  
**Alexandru-Vasile SIMU**, PhD



Lecturer  
**Ionel-Mugurel JITEA**, PhD  
Vice-dean research



Assoc. Professor  
**Cristian C. MERCE**, PhD



Lecturer  
**Lucica ARMANCA**



Lecturer  
**Diana-Elena DUMITRAȘ**, PhD



Lecturer  
**Valentin C. MIHAI**, PhD



Lecturer  
**Cristina-Bianca POCOL**, PhD



Lecturer  
**Marius SABĂU**, PhD



Assistant  
**Adriana MAN**, PhD



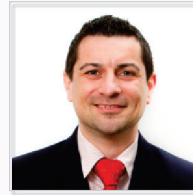
Assistant  
**Iulia-Cristina MUREȘAN**, PhD



**Felix-Horațiu ARION**  
**Associate Professor, PhD; Management**

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**Faculty responsibilities:** Director of the Department (2008-) and of the Research Laboratory Business Administration and Rural Development; Manager of all programs of study related to the economic area from the University. **Education:** PhD in Management and Marketing in Agriculture (2004) UASVM Cluj-Napoca; MSc in Agribusiness (1998) Babes-Bolyai University Cluj-Napoca; Bachelor in Agricultural and Forest Production Economy from the Faculty of Economic Sciences (1997).

**Research profile:** Business Administration in Rural Areas and Agricultural Policies.

**Scientific achievements/awards:** author or co-author of 8 books and 160 scientific papers. Director of various research grants; member of diverse national and international associations and committee.

**Ionel-Mugurel JITEA**

**Lecturer, PhD; Financial Management and Agricultural Policies**

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Phone: (+40) 264 596 384 / 124



**Faculty responsibilities:** Vice-dean for Research (2012-); Member of the Faculty Council (2008-2012).

**Education:** Joined PhD in Applied Economics between Charles de Gaulle Lille 3 University, France and UASVM Cluj-Napoca (2008); MSc. in European Agricultural Economy (2004) UASVM Cluj-Napoca; Bachelor in Agricultural Economy, Babes-Bolyai University Cluj-Napoca (2002);

**Research profile:** Financial management and Agricultural Policies.

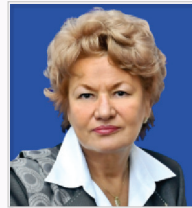
**Scientific achievements/awards:** Published more than 35 scientific papers and several academic textbooks; Editor of the UASVM Bulletin (2012-); Director of two national research grants, obtained two research fellows from the Francophone University Agency (2011) and from the French Government (2005-2007).

**Sabina FUNAR**

**Professor, PhD; Marketing, Banking and Capital markets**

E-mail: [sabina.funar@usamvcluj.ro](mailto:sabina.funar@usamvcluj.ro)

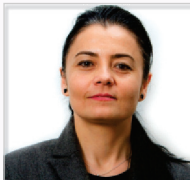
Phone: (+40) 264 596 384 / 294; [www.sabinafunar.ro](http://www.sabinafunar.ro)



**Education:** PhD in Management and Marketing in Agriculture (1998) UASVM Cluj-Napoca; Bachelor in Finance from the Babes-Bolyai University Cluj-Napoca (1974).

**Research profile:** Agri-Marketing and Banking. PhD coordinator in Management and Marketing in Agriculture.

**Scientific achievements/awards:** co-author of 22 books and 130 scientific papers. 13 research grants. Participated in scientific symposiums, conferences and internships in the UK, France, Denmark, Spain, USA, Tunisia, Bulgaria, Georgia etc. Awards: Paul Bran Excellence Diploma, ASE Bucharest, 2010; ASAS „Nicolae Corlățeanu” Award for Agrifood production marketing, 2009; Excellence Diploma for Marketing, BIOTERRA, 2006; “AcademicPres” Publishing House award, 2002; Honor Diploma of the Faculty of Animal Breeding and Biotechnologies, UASVM Cluj Napoca, 1993. Initiator of the e-learning platform [www.sabinafunar.ro](http://www.sabinafunar.ro). Member of the Romanian Court of Accounts (2008-2014).

**Cristian C. MERCE****Associate Professor, PhD; Economics and Agri-food Economics**E-mail: [cristian.merce@usamvcluj.ro](mailto:cristian.merce@usamvcluj.ro); Phone: (+40)264 596 384/280**Faculty responsibilities:** students' counsellor for the Economics department (2012-).**Education:** PhD in Economics (2005) from the Faculty of Economic Sciences, Babes-Bolyai University Cluj-Napoca; Bachelor in Tourism and Services (1996). **Research profile:** Market Structures, Utility Theory.**Scientific achievements/awards:** co-author of 10 books and 62 scientific papers. His scientific activities include various books, articles and participation to scientific conference. He is member of diverse national and international associations and committees.**Ileana ANDREICA****Lecturer, PhD; Accountancy**E-mail: [iandreica@usamvcluj.ro](mailto:iandreica@usamvcluj.ro); Phone: (+40) 264 596 384 / 124**Faculty responsibilities:** Financial Administrator of the Department (2012-); member of the Faculty Council (2008-).**Education:** PhD in Management and Marketing in Agriculture (2004)

UASVM Cluj-Napoca; MSc. in Agribusiness (1998) and Bachelor in Agricultural Economy (1997) from the Faculty of Economic Sciences, Babes-Bolyai University Cluj-Napoca.

**Research profile:** Financial Accounting, Companies' Administration.**Scientific achievements/awards:** Co-author of 2 books; 30 scientific papers; Member of different scientific and professional associations.**Lucica ARMANCA****Lecturer; Accounting, Accounting and Economic Analysis**E-mail: [lucca.armacca@usamvcluj.ro](mailto:lucca.armacca@usamvcluj.ro); Phone: (+40)264 596 384/281**Education:** Bachelor in Finance and Accountancy from the Faculty of Economic Sciences Babes-Bolyai University Cluj-Napoca (1991).**Research profile:** accounting / management and production of herbal products, financial accounting of business diagnosis meat processing units and bakery units, accounting / adopting and implementing software for management and economic analysis in units producing agricultural, organization and management of accounting for business simple entry type: PFAs, individual enterprises and family business. **Scientific achievements/awards:** co-author 12 scientific papers. She is member of 2 national associations.**Mihai CUCERZAN****Lecturer, PhD; General Sociology, Philosophy and Communication**E-mail: [mcucerzan@usamvcluj.ro](mailto:mcucerzan@usamvcluj.ro); Phone: (+40) 264 596 384 / 281;<http://cucerzan.blogspot.ro/>**University responsibilities:** Editor of the journal UASVM Newsletter**Education:** PhD in Sociology, Babes-Bolyai University (2009); Bachelor in Sociology, Babes-Bolyai University (2004).**Research profile:** Sociology, Rural and Regional Development, Social Agronomy, Research Methodology. **Scientific achievements/awards:** 4 books as the main author, co-author of 12

books and 3 collective academic books; 13 scientific papers (main author), co-author of two scientific articles. Member of diverse national and international associations and committees.



**Diana-Elena DUMITRAS**  
**Lecturer, PhD; Econometrics and Agribusiness Marketing**

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**Faculty responsibilities:** Research Chancellor of the Department of Economic Sciences (2012-).

**Education:** PhD in Management and Marketing in agriculture, UASVM

Cluj-Napoca (2008); MSc Resource and Applied Economics from the University of Nevada, Reno, USA (2004); Bachelor in Economic Engineering in Agriculture from the Faculty of Horticulture, UASVM Cluj-Napoca (2002).

**Research profile:** Applied Economics, Natural Resources and Environmental Economics, Consumer Behaviour.

**Scientific achievements/awards:** co-author of 2 books and 56 scientific papers. Member of diverse national and international associations and committees.

**Marioara ILEA**  
**Lecturer, PhD;**

**Financial and Economical Analysing and Budgetary Accounting**

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**Faculty responsibilities:** Vice-director of the Economical Sciences Department, member of the UASVM Senate and of the Faculty Council (2012-).

**Education:** PhD in Management and Marketing in Agriculture (2009) UASVM Cluj-Napoca; Bachelor in Physics from the Faculty of Physics Sciences Babes-Bolyai University Cluj-Napoca (1989) and Bachelor in Tourism and Commercial Management from the Faculty of Economical Sciences, Dimitrie Cantemir University, Cluj-Napoca.

**Research profile:** Management and the Administration of Agricultural, Forest, Tourism and Commercial Enterprises; Finance and Economical Analysing of the Economic Activities; Accounting Expertise; Evaluation and Financial Audit.

**Scientific achievements/awards:** Member of several national and international associations and of different research teams. Published more than 70 scientific papers and four academic books. Attended different international teaching program and symposiums.

**Valentin-Constantin MIHAI**  
**Lecturer, PhD; Tourism Economy and Agri-tourism**

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**Education:** PhD in Management and Marketing in Agriculture from the UASVM Cluj-Napoca (2010); MSc. in European Agricultural Economy (2004); Bachelor in Accountancy from the Babes-Bolyai University Cluj-Napoca (2002).

**Research profile:** Rural development, Rural tourism.

**Scientific achievements/awards:** Research results were capitalized in over 30 scientific papers and one book. Technical expert of the professional training project POSDRU 84/6.1/S/53513.



**Mihai ORBAN**

**Lecturer; Physical Educational and Sport**

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**Education:** MSc in Physical Educational and Kinesiology, Babes-Bolyai University Cluj-Napoca; Bachelor in Sport Sciences from the Faculty of Physical Educational and Sport, Babes-Bolyai University Cluj-Napoca (2001).

**Research profile:** Physical Education.

**Scientific achievements/awards:** Several scientific papers; Member in different scientific professional association.



**Cristina-Bianca POCOL**

**Lecturer, PhD; Rural Economy and**

**International Economic Relations**

E-mail: [cristina.pocol@usamvcluj.ro](mailto:cristina.pocol@usamvcluj.ro)

Phone: (+40) 264 596 384 / 380

**Faculty responsibilities:** Education Responsible in the Department of Economics, Member of Ethics Commission in the Faculty of Horticulture, director of Communication and Public Relations Department of UASVM Cluj-Napoca (2012-). **Education:** PhD in Animal Husbandry UASVM Cluj-Napoca (2008); Bachelor in Management, "I.U.P University - Professional University Institute - Management and Business Administration", Clermont-Ferrand, France (2004), Bachelor in International Economic Relations, Faculty of Economics and Business Administration, Babeş-Bolyai University Cluj-Napoca (2000).

**Research profile:** Economy and Rural Development, Regional Development, Agricultural Policies, Farm Management and Marketing of Agri-food Products. **Scientific achievements/awards:** Published several scientific papers in different journals. Some of these contributions are: analysis of the honey market in Romania, compared to other EU countries and the world, in terms of demand and supply of honey; conducting of research on national honey consumption for the first time in our country; market segmentation, definition of the Romanian honey consumer and characterization of each segment in terms of socio-demographic characteristics. The scientific expertise in the area is proven by the activities developed as project manager in numerous national and international research projects: 2010-2012, PNII Program, Project type PD\_248; 2007-2008, PNII Program, Project type TD.



**Camelia-Firuța TODORAN**

**Lecturer, PhD; Agricultural Systems and Hygiene and Nutrition**

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Phone: (+40) 264 596 384 / 124

**Faculty responsibilities:** member of the Faculty of Horticulture Admission Commission (2011-2012)

**Education:** PhD in Agronomy, UASVM Cluj-Napoca (2008);

Msc in Plants Amelioration and the Control of the Seeds Quality (2007) from the Faculty of Agriculture, UASVM Cluj-Napoca; Bachelor in Agriculture (2005).

**Research profile:** Food Quality, Agricultural Technology for Field Crops, Farming Systems, Food Hygiene and Nutrition.

**Scientific achievements/awards:** co-author of 2 books and 35 scientific papers.



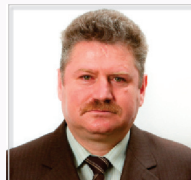


### Alexandru-Dorel TODĖA

*Lecturer, PhD; General Law, Land Law and Environmental Legislation, Legislation in Food and Agro-tourism, Business Law, Land and Cadastre Legislation*

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**Faculty responsibilities:** Member of the UASVM Senate (2012-) and Vice-president of the UASVM Trade Union (2009-); the Department Administrator (2012-).

**Education:** PhD in Agriculture (2005) UASVM Cluj-Napoca; Bachelor in Juridical Sciences from the Faculty of Law, Dimitrie Cantemir University Cluj-Napoca (2001); Bachelor in Agricultural Sciences from the Faculty of Agriculture UASVM Cluj-Napoca (1996).

**Research profile:** agronomy (systems of fertilization implemented in plant cultures, systems of plant protection implemented in field cultures); the dynamics of EU legislation in the following fields: land and environment, food and agro-tourism, business, land found and property; climatic changes (research in the field of dynamics of the legislative frame in this field).

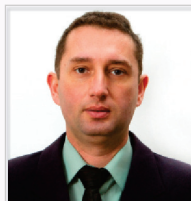
**Scientific achievements/awards:** co-author of 4 books and 25 scientific papers. He is a member of 6 national and international associations and committees.

### Marius SABĂU

*Lecturer, PhD; Marketing and Banking*

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Phone: (+40) 264 596 384 / 124



**Education:** PhD in Management and Marketing in Agriculture (2008) UASVM Cluj-Napoca; Bachelor in Economical Science, Babes-Bolyai University Cluj-Napoca (1995).

**Research profile:** Marketing of Agricultural, Traditional and Ecological Products; Banking.

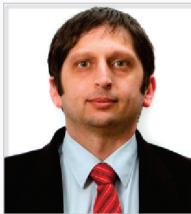
**Scientific achievements/awards:** 50 scientific papers and 4 practical students' workbooks. Involved in 5 research projects and professional trainings. He is a member of one national association.

### Alexandru-Vasile SIMU

*Lecturer, PhD; Farm Management*

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Phone: (+40) 264 596 384 / 124



**Faculty responsibilities:** Secretary of the Faculty of Horticulture admission (2012), Responsible with the IT maintenance of two academic laboratories.

**Education:** PhD in Management and Marketing in agriculture (2009) from the UASVM Cluj-Napoca; MSc. in Agribusiness (2009); Bachelor in Rural Development (2004).

**Research profile:** Farm Management; Farm Production Planning; Development of Farm Decisional Support Systems.

**Scientific achievements/awards:** grant director of 1 research project and member of 5 research projects. Co-author of 15 scientific papers. He is a member of 1 national association.





**Adriana MAN**

***Assistant, PhD; Marketing and Banking***

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Phone: (+40) 264 596 384 / 294

**Faculty responsibilities:** Faculty Representative in professional Tradeshows (2008-).

**Education:** PhD in Management and Marketing in Agriculture with the analysis of the Romanian non-wood forest products (2010) from the UASVM Cluj-Napoca; MSc. in Agribusiness (2007); Bachelor in Rural Development (2005).

**Research profile:** covers a range of Marketing and Consumer Behaviour topics.

**Scientific achievements/awards:** co-author of 4 books and 19 scientific papers.



**Iulia-Cristina Muresan**

***Assistant, PhD; International Tourism and Tourism Management***

E-mail: [iulia.muresan@usamvcluj.ro](mailto:iulia.muresan@usamvcluj.ro)

Phone: (+40) 264 596 384 / 280

**Faculty responsibilities:** Secretary of the Department of Economic Sciences (2012-).

**Education:** PhD in Management and Marketing in agriculture (2011) from the UASVM Cluj-Napoca; MSc. in Agribusiness (2009); Bachelor in Management in Agri-tourism (2007).

**Research profile:** Tourist services quality, Rural tourism management.

**Scientific achievements/awards:** co-author of 26 scientific papers and conference proceedings.



## DEPARTMENT OF LAND MEASUREMENT AND EXACT SCIENCES

It deals with the issues of country mapping, construction support, survey, land management etc. Geodesists are in demand in practically all sectors of the economy as well as in state administration bodies. The range of the activity embraces construction and architectural organisations, expeditions, **engineering research** establishments.



Professor  
**Mircea ORTELECAN**, PhD  
Director of Department



Professor  
**Horea-Radu CRIVEANU**, PhD



Professor  
**Marcel DÎRJĂ**, PhD



Assoc. Professor  
**Nicolae POP**, PhD



Lecturer  
**Jutka DEAK**, PhD



Lecturer  
**Ioan-Nicolae LUPUȚ**, PhD



Lecturer  
**Cristina-Olimpia RUS**, PhD



Assoc. Professor **Ioana POP**, PhD  
Vice-rector



Professor  
**Ana CIOTLĂUȘ**, PhD



Professor  
**Emil LUCA**, PhD



Assoc. Professor  
**Florica MATEI**, PhD



Lecturer  
**Diana FICIOR**, PhD



Lecturer  
**Ioana ROMAN**, PhD



Lecturer  
**Rodica-Cristina SOBOLU**, PhD



**Mircea ORTELECAN**

**Professor, PhD; Geodesy and Cartography**

E-mail: [mircea.ortelecan@usamvcluj.ro](mailto:mircea.ortelecan@usamvcluj.ro)

Phone: (+ 40) 264 596 384 / 132

**Faculty responsibilities:** Director of the Department and member of the Faculty Council (2012).

**Education:** PhD in Geodesy, Topography and Photogrammetry (1998);

Bachelor in Mining Topography from the Faculty of Mining, Petrosani University (1971).

**Research profile:** Connecting Support Networks to the National System; Rearranging and Good Use of the Lands Affected by Mining; Stability of the Thermo-Energetic Constructions; Designing and Constructing Support Networks for Mining Activities.

**Scientific achievements/awards:** 86 scientific papers and director of three research grants. Member of professional and scientific associations: member of Romanian Geodesy Order (2007); member of Romanian Geodesy Union (1999-); Anciens stagiaires du Centre d'Etudes Superiores des Matieres Premieres (CESMAT) (1996-); member of the Romanian Topography Association (1990-).



**Ioana POP**

**Associate Professor, PhD; Mathematics and Statistical Computing**

E-mail: [popioana@usamvcluj.ro](mailto:popioana@usamvcluj.ro)

Phone: (+ 40) 264 596 384 / 285

**Faculty responsibilities:** Vice-rector (2012-); director of the Department and member of the Faculty Council (2010-2012).

**Education:** PhD in Mathematics – Numerical Analysis from Babes-Bolyai

University, Cluj-Napoca; MSc. in Mathematics, on Numerical and Statistical Computing; Two bachelor degrees, one in Computer Science (1996), and the second one in Mathematics (1995) from the Babes-Bolyai University, Cluj-Napoca.

**Research profile:** Approximation of Functions of Several Variables by Interpolation Operators; Information Storage Systems and Experimental Data Processing; Database Management Systems and Web Sites.

**Scientific achievements/awards:** 102 scientific papers (31 as main author, 71 co-author; two papers published in ISI Journals with impact factor, indexed IDB); 23 academic textbooks; director of several research grants. Member of professional and scientific associations.



**Horea-Radu CRIVEANU**

**Professor, PhD; Biophysics and Agro meteorology**

E-mail: [horea.criveanu@usamvcluj.ro](mailto:horea.criveanu@usamvcluj.ro)

Phone: (+ 40) 264 596 384 / 288

**Faculty responsibilities:** Member of the Faculty Council (2012-).

**Education:** PhD in Agronomy, Biophysics from UASVM Cluj-Napoca (2003); graduated the Faculty of Physics from Babes-Bolyai University Cluj-Napoca (1975).

**Research profile:** PhD supervisor in Biophysics.

**Scientific achievements/awards:** Published more than 95 scientific papers and 5 academic textbooks. Director of several national research grants, affiliated at different professional and scientific associations.





### Marcel DÎRJA

**Professor, PhD; Forestry Improvement, Torrential Correction, Torrential Watershed Planning, Property Valuation and Land Improvement**



E-mail: [marcel.dirja@usamvcluj.ro](mailto:marcel.dirja@usamvcluj.ro); Phone: (+ 40)264 596 384 /180

**Faculty responsibilities:** Member in the Faculty Council (2012-); Vice-dean of the Faculty (2008-2012); Director of Distance Education Studies (2004-2008). **Education:** PhD in Agriculture and Horticulture from UASVM, Cluj-Napoca (1999); Bachelor in Land Improvement from the Faculty of Engineering, Polytechnic Institute Gh. Asachi, Iasi (1988).

**Research profile:** PhD supervisor in the area of Land Improvement and Topography.

**Scientific achievements/awards:** published more than 260 scientific papers and 17 academic textbooks. Director of several national research grants, affiliated to different professional and scientific associations. Expert reviewer for the national scientific research grants and expert evaluator for land and buildings recognised by the Romanian National Association of Evaluators. ARACIS expert evaluator in distance learning and low frequency (2011-).

### Emil LUCA

**Professor, PhD; Irrigation and Land Drainage, Rural Development, Land Improvement and Ecology**



E-mail: [eluca@usamvcluj.ro](mailto:eluca@usamvcluj.ro); Phone: (+ 40) 264 596 384 / 190

**Faculty responsibilities:** Faculty Research Chancellor (2004-2009). Member of the Faculty Council (1998-2012) and of UASVM Senate (2008 – 2012). **Education:** PhD in Land Improvement and Irrigation techniques UASVM, Cluj-Napoca (1994); Bachelor in Agronomy (1983).

**Research profile:** PhD supervisor in the area of Operating Land Improvements Systems and Plant Irrigation.

**Scientific achievements/awards:** (2005) “Nicolae Saulescu” award of ASAS; (1988) the award of the National Board of the Journalists in Romania; Other awards, diplomas and medals for outstanding achievements in promoting scientific information and literature enrichment, for contribution to the development of organic farming in Romania etc. Published more than 230 scientific papers and 20 academic textbooks. Director of several national research grants, associate member ASAS, affiliated to different professional and scientific associations. General manager of Agro Transilvania Center Cluj (2008-2012).

### Nicolae POP

**Associate Professor, PhD; Engineering Topography, Land Improvement and Hydrology**



E-mail: [nicolae.pop@usamvcluj.ro](mailto:nicolae.pop@usamvcluj.ro); Phone: (+ 40)264 596 384/132

**Faculty responsibilities:** Administrator of the Department (2012-).

**Education:** PhD in Land Improvement and Irrigation techniques (2000) UASVM, Cluj-Napoca; Bachelor in Mining Topography Petrosani University (2011) and in Agronomy UASVM, Cluj-Napoca (1990). **Research profile:** Tracking the Stability of Hydro-energetic Constructions; Tracking the Evolution of Sterile Dumps from Mining Exploration Areas; Research Regarding the Water Consumption of Plants in Irrigation Conditions. **Scientific achievements/awards:** Author and co-author of 6 books and more than 45 scientific papers. Professional affiliations: member of Professional Organization for Agricultural Ecology (2000-); member of Romanian National Society for soil science (1995-)



**Florica MATEI**

**Associate Professor, PhD; Calculus, Applied Statistics, Informatics and Geographical Information System (GIS)**

E-mail: [faldea@usamvcluj.ro](mailto:faldea@usamvcluj.ro)

Phone: (+ 40) 264 596 384 / 285

**Faculty responsibilities:** Member of the UASVM Cluj-Napoca Senate and, president of the Ethics and Academic Integrity commission from the Faculty of Horticulture (2012-).

**Education:** PhD in Mathematics (2000); Bachelor in Mathematics (1995) Babes-Bolyai University, Cluj-Napoca.

**Research profile:** Fourier Analysis and Synthesis for Physical Chemical Signals; Statistical Analysis of Data Sets Using PCA; Generating and Analysis Using GIS for Life Sciences.

**Scientific achievements/awards:** Published more than 45 scientific papers and 4 academic textbooks. Director of several national research grants, affiliated to different professional and scientific associations.



**Eva-Jutka DEAK**

**Lecturer, PhD; Topography**

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Phone: (+ 40) 264 596 384 / 132

**Education:** PhD in Agronomy (2011) from the UASVM, Cluj-Napoca; MSc. in Horticultural Crops in Controlled Climate (2005), Bachelor in Horticulture (2003).

**Research profile:** Irrigations Area, Landslides and Topographical Surveying.

**Scientific achievements/awards:** Published 45 scientific papers in Romania and abroad. Affiliated to different professional and scientific associations.



**Diana FICIOR**

**Lecturer, PhD; Surveying Instruments, Measurement Methods and Cadastral Works**

E-mail: [diana.ficior@usamvcluj.ro](mailto:diana.ficior@usamvcluj.ro)

Phone: (+ 40) 264 596 384

**Education:** PhD in Vegetable growing (2007) from the UASVM, Cluj-Napoca; MSc. in Horticultural Crops in Controlled Climate (2002); Bachelor in Terrestrial Measurements and Cadastre (2009) and in Horticulture (2000).

**Research profile:** geodesy, cartography, surveying methods.

**Scientific achievements/awards:** Director of one national research grant, published more than 40 scientific papers.



**Ioan-Nicolae LUPUȚ**

**Lecturer, PhD; Topography and Topographical Design**

E-mail: [ioan.luput@usamvcluj.ro](mailto:ioan.luput@usamvcluj.ro)

Phone: (+ 40) 264 596 384

**Education:** PhD in Land Improvements (2011) UASVM, Cluj-Napoca; Bachelor in Agriculture (1993). **Research profile:** Topography, Exploitation of Land Reclamation and Irrigation of Crops, Soil Erosion, Landslides Fighting.

**Scientific achievements/awards:** Membership in professional societies and associations: The Romanian National Society of Soil Science (SNRSS); Society of Soil Science (2005). Author / co-author and contributor to over 15 world scientific papers.



**Ioana ROMAN**

**Lecturer, PhD; Biochemistry and Physics**

E-mail: [ioana.roman@usamvcluj.ro](mailto:ioana.roman@usamvcluj.ro)

Phone: (+ 40) 264 596 384



**Education:** PhD in Horticulture (2008) UASVM, Cluj-Napoca; Bachelor in Physics and Chemistry (1996) Babes-Bolyai Cluj-Napoca.

**Research profile:** Horticulture, Biochemistry and Pedagogy.

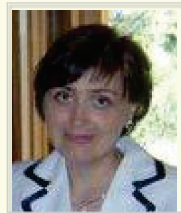
**Scientific achievements/awards:** Involved in many national and international projects, focusing both on science education and that of agricultural and biochemistry sciences. Member of national and international organizations (ENTER - European Network of Learning and Teaching in Agriculture and Rural Development and Amicii Rozelor). Written several papers for international conferences (some published) and participated in many international, regional, and national conferences. Published six books as single or first author and contributor to other seven books

**Cristina-Olimpia RUS**

**Lecturer, PhD; Mathematics, Statistics and Informatics**

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Phone: (+ 40) 264 596 384



**Education:** PhD in Applied Mathematics (2006); Bachelor in Mathematics and Informatics (1999) Babes-Bolyai University Cluj-Napoca.

**Research profile:** Numerical Analysis; Scattered Data Interpolation Theory and Probabilities.

**Scientific achievements/awards:** Member of the Romanian Society of Mathematical Sciences published several scientific papers and academic textbooks.

**Rodica-Cristina SOBOLU**

**Lecturer, PhD; Numerical Analysis, Biological Statistics, Informatics and AutoCAD**

E-mail: [rodica.sobolu@usamvcluj.ro](mailto:rodica.sobolu@usamvcluj.ro)

Phone: (+ 40) 264 596 384



**Faculty responsibilities:** Coordinator of the Informatics and Communications Centre from UASVM Cluj-Napoca.

**Education:** PhD in Applied Mathematics (2006) Babes-Bolyai University Cluj-Napoca; Bachelor in Mathematics and Informatics (1998).

**Research profile:** Biological Statistics; Bio Statistical Processing of Experimental Data using MATLAB, MAPLE, PASW Statistics; Wavelets Analysis and Statistics Applications; Statistical Approximation of Linear Positives Operators Sequences; Wavelets Analysis Applied in Quantitative Genetics; Wavelets Algorithms Implementation using MATLAB and macros in Microsoft Excel.

**Scientific achievements/awards:** Member of the Romanian Society of Mathematical Sciences published 4 academic textbooks and 42 scientific papers.





## THE FACULTY OF HORTICULTURE GALLERY OF PERSONALITIES 1977-2012

The Gallery of personalities contains the people who made a notable contribution to the development of the Faculty of Horticulture, being recognised for their outstanding achievements and contribution in the development of higher education and scientific research in Romania and abroad.

### RECTORS OF THE UASVM CLUJ-NAPOCA



**Prof. Ioan PUIA**  
(1975-1984)



**Prof. Alexandru SALONTAI**  
(1984-1990)



**Prof. Leon S. MUNTEAN**  
(1990-2000)



**Prof. Liviu Al. MĂRGIȚAȘ**  
(2000-2008)



**Prof. Doru PAMFIL**  
(2008-2012; 2012-)

### DEANS, FACULTY OF HORTICULTURE



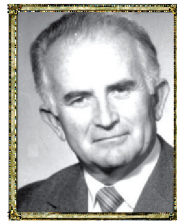
**Prof. Alexandru SALONTAI**  
(1977-1984)



**Prof. Dumitru MUREȘAN**  
(1984-1987)



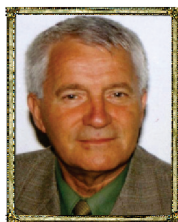
**Prof. Ioan BOITOR**  
(1987-1990)



**Prof. Dumitru INDREA**  
(1990-1992)



**Prof. Dumitru ZAHARIA**  
(1992-1996)



**Prof. Marin ARDELEAN**  
(1996-2004)



**Prof. Alexandru S. APAHIDEAN**  
(2004-2008)



**Prof. Radu E. SESTRĂȘ**  
(2008-2012; 2012-)





## FACULTY OF HORTICULTURE, DOCTOR HONORIS CAUSA



**Prof. André GALLAIS**  
Station de Génétique Végétale  
INRA-CNRS-UPS  
AgroParisTech, France  
Doctor Honoris Causa  
20.09.1995



**Prof. Atanas ATANASSOV**  
AgroBioInstitute  
Sofia, Bulgaria  
Doctor Honoris Causa  
25.10.2001



**Prof. Vasile COCIU**  
Romanian Academy  
of Agricultural and Forestry  
Sciences, Romania  
Doctor Honoris Causa  
20.06.2002



**Prof. Rangesan NARANAYAN**  
College of Agriculture,  
Biotechnology and Natural  
Resources Nevada, USA  
Doctor Honoris Causa  
18.05.2004



**Prof. Valeriu COTEA**  
UASVM  
"Ion Ionescu de la Brad",  
Iasi, Romania  
Doctor Honoris Causa  
20.10.2004



**Prof. Richard WEISMILLER**  
Environmental Science Dept.,  
University of Maryland, USA  
Doctor Honoris Causa  
05.10.2006



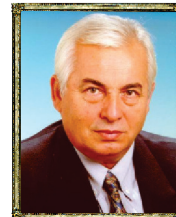
**Prof. Gheorghe CIMPOIȘ**  
The Agrarian State University  
Chișinău, Moldova  
Doctor Honoris Causa  
04.10.2007



**Prof. Jules JANICK**  
Purdue University  
USA  
Doctor Honoris Causa  
30.09.2010



**Prof. Paolo de CASTRO**  
Agricultural Committee,  
European Parliament, Italy  
Doctor Honoris Causa  
06.05.2011



**Acad. Ioan Paun OTIMAN**  
Romanian Academy  
Romania  
Doctor Honoris Causa  
14.12.2011

## 35 YEARS OF HORTICULTURE HIGHER EDUCATION IN CLUJ-NAPOCA

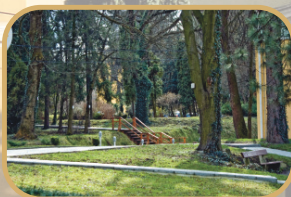


**Prof. Jaime PROHENS**  
Universidad Politecnica Valencia,  
Spain  
Doctor Honoris Causa  
29.11.2012



**Prof. Ioan Vasile ABRUDAN**  
Transilvania University Brasov,  
Romania  
Doctor Honoris Causa  
29.11.2012









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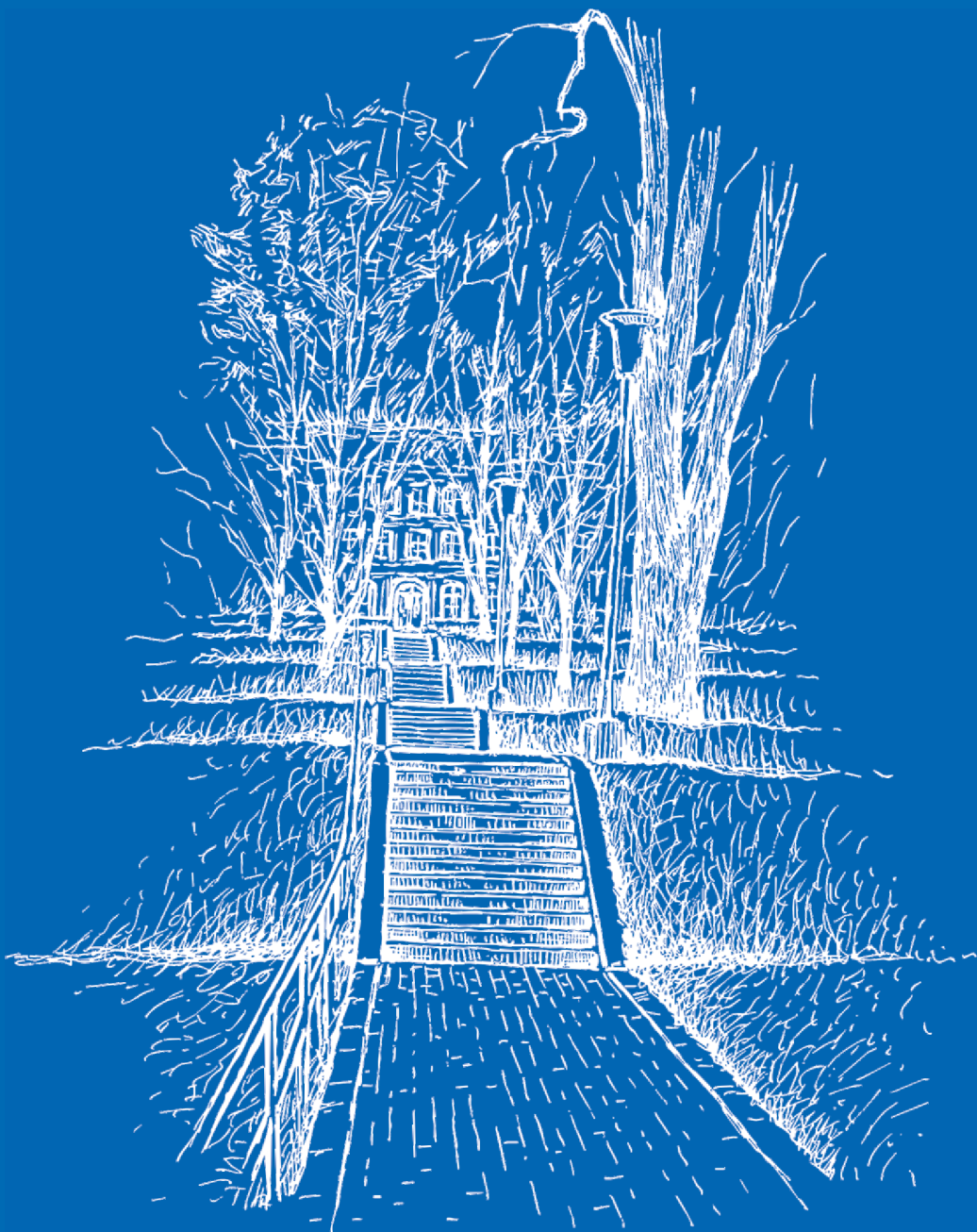


Societatea de Horticultură  
și Silvicultură din Transilvania









Faculty of Horticulture  
Calea Mănăştur 3-5, 400372, Cluj-Napoca, Romania  
<http://horticultura.usamvcj.ro/>