

Multidisciplinary Conference on Sustainable Development
Section: Horticulture and Forestry



BUASVM – Timisoara

**Multidisciplinary Conference on Sustainable
Development**

26-27 May 2022



Scientific Programme

**MULTIDISCIPLINARY CONFERENCE ON
SUSTAINABLE DEVELOPMENT**



FACULTY OF HORTICULTURE AND FORESTRY



Section “*HORTICULTURE AND FORESTRY*”

TIMISOARA, event between 26th – 27th May 2022

Multidisciplinary Conference on Sustainable Development
Section: Horticulture and Forestry

ORGANISING COMMITTEE

Prof. PhD Dorin CAMEN

- *Dean of Faculty of Horticulture and Forestry, BUASVM Timisoara*

Associate Prof. PhD Mihaela MOATĂR

- *Vice Dean Faculty of Horticulture and Forestry, BUASVM Timisoara*

Associate Prof. PhD Gheorghe POȘTA

- *Vice Dean Faculty of Horticulture and Forestry, BUASVM Timisoara*

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Prof. PhD Alexandra BECHERESCU - BUASVM Timisoara

Lecturer PhD Cerasela PETOLESCU - BUASVM Timisoara

Lecturer PhD Giancarla VELICEVICI - BUASVM Timisoara

Assist. PhD Cristina TOȚA - BUASVM Timisoara

Multidisciplinary Conference on Sustainable Development
Section: Horticulture and Forestry

USAMVBT is inviting you to a scheduled Zoom meeting.

Topic: Multidisciplinary Conference on Sustainable Development
Time: May 26, 2022 11:00 AM Bucharest

Join Zoom Meeting

<https://us02web.zoom.us/j/85068499024?pwd=S116NHdodi9nSTVSV29Ic2xUR0tndz09>

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Faculty of Horticulture and Forestry is inviting you to a scheduled Zoom meeting.

Topic: International Symposium Faculty of Horticulture and
Forestry Timisoara - 2022

Time: This is a recurring meeting Meet anytime

Join Zoom Meeting

<https://us02web.zoom.us/j/87981695187?pwd=WmUrR1ROdVh6TEFjeGRxcTR5akkvZz09>

Meeting ID: 879 8169 5187

Passcode: 552498



Scientific Programme

**Multidisciplinary Conference on
Sustainable Development**

1st Day – 26th of May, 2022 (Thursday)

*„Iulian Drăcea” Auditorium
Banat’s University of Agricultural Sciences and Veterinary Medicine
“King Michael I of Romania” from Timișoara*

- 11⁰⁰ – 11¹⁰ Welcome speech – **Prof. Dr. Cosmin Popescu, Rector BUASVMT**
- 11¹⁰ – 11¹⁵ Conference opening – **Prof. Dr. Isidora Radulov, Vice- rector BUASVMT**
- 11¹⁵ – 11³⁵ „*Integrative Veterinary Chinese Medicine*” - **Dr. Lorena Lloret Nadal**,
Founding member and director of the Chi Institute of Europe
- 11³⁵ – 11⁵⁵ „*Use of Black Soldier fly to convert food waste into feed*” - **Prof. Dr. habil. Rui Costa**,
Secretary General of the ISEKI Food Association, President of European Alliance of Subject-Specific and Professional Accreditation and Quality Assurance
- 11⁵⁵ – 12⁰⁰ Presentation of conference programme
- 12⁰⁰ – 13⁰⁰ **Doctor Honoris Causa** award: **Prof. dr. Ioan Jeleu** – vicepresident of
Romanian Academy of Agricultural Sciences and Forestry
- 13⁰⁰ – 14³⁰ Lunch at university restaurant
- 14³⁰ – 18⁰⁰ Paper presentation on sections
- 19³⁰ – 22⁰⁰ Dinner „**Flonta Restaurant**”



Scientific Programme

Section "Horticulture and Forestry"

1st Day – 26th of May, 2022 (Thursday)

"Horia Butnariu" Hall

Faculty of Horticulture and Forestry from Timișoara

14³⁰ – 14⁴⁰

Opening of the Conference (Section: *Horticulture and Forestry*)

Prof. Dr. Dorin Camen, *Dean of the Faculty of Horticulture and Forestry*

Chaired by:

Prof. Dr. Olimpia Alina Iordănescu

Prof. Dr. Sorina Popescu

Assoc. Prof. Dr. Ciprian George Foră

14⁴⁰ – 14⁵⁰

An overview on the evolution of worldwide fig production and harvested area

Bona Ana, Popescu Sorina, Iordănescu Olimpia Alina, Dascălu I. - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*

14⁵⁰ – 15⁰⁰

Biodiversity aspects în Izvoarele Nerei Forest Reserve

Ciontu Cătălin, Dărău Monica, Turcu Daniel, Borlea Gheorghe-Florian - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, 119 Aradului Street, Timișoara, Romania*

15⁰⁰ – 15¹⁰

Ecological reconstruction of degraded land from the „Chinteni” and „Livada” amelioration perimeters, by afforestation works

Colișar Alexandru¹, Steluța-Maria Sîngeorzan¹, Rebrean Florin Alexandru¹, Varga Mîrcea Ioan¹, Ceuca Vasile¹ and Șimonca Vasile^{1,2}

¹*University of Agricultural Sciences and Veterinary Medicine, Faculty of Horticulture, 3-5 Mănăștur Street, 400372 Cluj-Napoca, Romania*

²*National Institute for Research and Development in Forestry "Marin Drăcea", Cluj Collective Research, 65 Horea, Cluj-Napoca, Romania*

15¹⁰ – 15²⁰

Recent trends of the wood market in Romania

Dărău Monica, Oprea Adrian, Ciontu Cătălin, Borlea Gheorghe-Florian - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, 119 Aradului Street, Timișoara, Romania*

15²⁰ – 15³⁰

Contributions to improve candying process as fruit preservation technique at pears and plums

Gocan Tincuța Marta¹, Andreica Ileana¹, Poșta Daniela Sabina², Borsai Orsolya¹, Andrean Andreea Flavia¹, **Rózsa Sándor**^{1*}, Lazăr Vasile¹

¹*University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Calea Mănăștur, no. 3-5, Cluj-Napoca, Romania*

²*Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*

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Section: Horticulture and Forestry

- 15³⁰ – 15⁴⁰ The influence of crop load on the shoots and flowers fertility in Feteasca Neagra, Cabernet Sauvignon and Pinot Noir varieties
Nistor Eleonora, Dobrei Alina Georgeta, Dobrei Alin - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- 15⁴⁰ – 15⁵⁰ The influence of the soil type on oak species wood quality in Western Romania
Oprea Adrian, Drăgoi Marian, Borlea Gheorghe-Florian - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, 119 Aradului Street, Timișoara, Romania*
- 15⁵⁰ – 16⁰⁰ Aspects regarding commercial quality issues for three *Solanum melongena* L. hybrids grown in solarium, in Cluj County pedoclimatic conditions
Rózsa Sándor¹, Măniuțiu Dănuț-Nicolae¹, Poșta Gheorghe^{2*}, Andreica Ileana¹, Gocan Tincuța-Marta¹, Rózsa Melinda¹, Lazăr Vasile¹
¹*University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Calea Mănăștur, no. 3-5, Cluj-Napoca, Romania*
²*Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- 16⁰⁰ – 16¹⁰ Health assessment of forest stands including species of *Fraxinus* genus located in Someșul Mic river basin
Șingeorzan Steluța-Maria¹, Șimonca Vasile^{1,2*}, Rebrean Florin Alexandru¹, Colișar Alexandru¹ and Varga Mircea Ioan¹
¹*University of Agricultural Sciences and Veterinary Medicine, Faculty of Horticulture, 3-5 Mănăștur Street, 400372 Cluj-Napoca, Romania*
²*National Institute for Research and Development in Forestry "Marin Drăcea", Cluj Collective Research, 65 Horea, Cluj-Napoca, Romania*
- 16¹⁰ – 16²⁰ The cultural value of public spaces in Timișoara
Székely Gabriel¹, Berar Cristian^{1*}, Vida Mara²
¹*Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, 300645 Timisoara, Romania*
²*Ion Mincu University of Architecture and Urbanism from Bucharest, 18-20 Academiei Street, 010014 Bucharest*
- 16²⁰ – 16³⁰ The Effects of Cold Treatments and Saline Stress on Some Morpho-physiological Indices of Germination and Post-germination at *Silphium perfoliatum*
Neșcu Vlad, Jucșor Noemi, Șumălan Renata Maria, Beinșan Carmen, **Șumălan Radu-Liviu** - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- 16³⁰ – 16⁴⁰ Plants as antimicrobial sources
Popescu Bianca, Borozan Aurica, Popescu Sorina, Botău Dorica - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- 16⁴⁰ – 16⁵⁰ Application areas of bacteria
Lasc Caius, Borozan Aurica, Popescu Sorina, Botău Dorica - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*

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- 16⁵⁰ – 17⁰⁰ The knowledge of the inner man
Pele Andreea, Borozan Aurica, Popescu Sorina - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- 17⁰⁰ – 17¹⁰ Saffronia – A business in good taste from the land of Faget
Barabaș Maria, Popovici Mihaela Erika, Faur Raluca Mădălina, Anuțoni Andrei Mirel, Buciuta Ionela Andreea, Nițu Mirela Alina Elena - *"Traian Vuia" Theoretical High School, Făget, Timiș County, Traian Vuia Street, no. 1, 305300 Făget, Romania*
- 17¹⁰ – 17²⁰ Inoculation with biostimulants for improved plant performance under stress conditions
Klára Bradáčová, Nino Weber, Markus Göbel, **Markus Weinmann**,
Günter Neumann, Torsten Müller
- 17²⁰ – 17³⁰ Bio-Effectors in Crop Production: Chances and Challenges
Markus Weinmann, Klára Bradáčová, Ciprian G. Fora, Manfred G. Raupp,
Günter Neumann
- 17³⁰ – 18⁰⁰ Concluding Remarks



Scientific Programme

Section "Horticulture and Forestry"

2st Day – 27th of May, 2022 (Friday)

POSTERS

- Influence of foliar fertilizer application on yield in some cherry tomato hybrids
Becherescu Alexandra¹, Hoza Gheorghita², Dinu Maria³, Băla Maria¹, Popa D.¹, Drăgunescu Aneta Anca¹
¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, 119 Aradului Street, Timisoara, Romania
²University of Agricultural Sciences and Veterinary Medicine from Bucharest, Faculty of Horticulture, 59 Mărăști Blvd, Bucharest, Romania
³Craiova University, Faculty of Horticulture, 13 Alexandru Ioan Cuza Street, Craiova, Romania
- Research on the situation of traffic routes in landscaping from the city of Timisoara
Berar C., Cistina Toța, Szekely G., Silivășan M. - Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timisoara, Romania
- *Helleborus* – Phytochemistry and antimicrobial properties. A review
Borozan Aurica Breica¹, Popescu Sorina¹, Moldovan Camelia², Sărac I.¹, Bordean Despina² - Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, ¹Faculty of Horticulture and Forestry, ²Faculty of Food Engineering, 119 Aradului Street, Timisoara, Romania
- The offer of climatic conditions from the Drăgășani vineyard for the production of high quality aromatic wines 'Tămăioasă Românească'
Boștinaru M. A., Popescu (Trușcă) Raluca Iuliana, Giugea N. - Craiova University, Faculty of Horticulture, 13 Alexandru Ioan Cuza Street, Craiova, Romania
- Physico-chemical characterization for several Romanian plum cultivars at the time of harvest
Cătuneanu Ioana¹, Iordăchescu Mihaela^{1*}, Petre A.¹, Frîncu M.¹, Iliescu Lavinia¹, Udriște Amalia¹, Bădulescu Liliana²
¹Research Center for Studies of Food Quality and Agricultural Products - University of Agronomic Sciences and Veterinary Medicine of Bucharest, 59 Marasti Blvd, 011464 Bucharest, Romania
²University of Agronomic Sciences and Veterinary Medicine of Bucharest, Faculty of Horticulture, 59 Marasti Blvd, 011464 Bucharest, Romania
- The Impact of Salinity on Some Physiological Parameters Involved in Post Germination Seedling Growth in *Paulownia tomentosa* x *fortunei*
Costea M. G., Șumălan Renata Maria, Neșcu V., Șumălan R.L. - Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timisoara, Romania

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Section: Horticulture and Forestry

- Genetic parameters, correlation and path coefficient analysis for cooking quality and its attributing traits in dry bean
Ciulca Adriana, Madoșă E., Sorina Popescu, Giancarla Velicevici, Sărac I., Ciulca S. - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- Integrated management strategies for pathogens control at cucumber plants
Cristea Tina Oana, Iosob Gabriel-Alin - *Vegetable Research and Development Station Bacau, Calea Bârladului Street, no. 220, Bacău, Romania*
- Phytochemical study of phenolic compounds and biological activities of *Arthrophytum schmittianum*
Dif M. M.^{1,2*}, Benchohra Hadria A.^{1,3}, Dellal A.³, Akkal N.²
¹*Ecodeveloppement des espaces laboratory, Djilali Liabes university. Sidi Bel Abbes. 22000 Algérie*
²*Nature and life faculty. Djilali Liabes university. Sidi Bel Abbes. 22000 Algérie*
³*Science Institute. Nour Bachir center university. El Bayadh. 32000*
- The effectiveness of management practices in mature vineyards by inputs reduction
Dobrei A., Nistor Eleonora, Drăgunescu Anca, Borca F., Petcov D. Z., Dobrei Alina Georgeta - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- Reducing the vineyard establishment costs by choosing the model of trellising system according with the grape variety and natural resources of the area
Dobrei A., Nistor Eleonora, Sala F., Cirt Stelian, Dobrei Alina Georgeta - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- Correlations among physicochemical properties and quality parameters of the wines and consumers' perception through tasting
Dobrei Alina Georgeta, Nistor Eleonora, Dobromir Daniela, Babău Pavel Dănuț, Dobrei Alin - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- Research on streamlining the activity in a family vineyard by providing niche wines and wine tourism events
Dobrei Alina Georgeta, Nistor Eleonora, Mălăescu Mihaela, Cirt Stelian, Dobrei Alin - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- How much is a green area in town of Kecskemét worth?
ECSERI Károly, Tímea KISS - *John von Neumann University, Faculty of Horticulture and Rural Development, Hungary*
- Behavior of two hot pepper hybrids (*Capsicum annuum* L.) under Transylvania growing conditions
EGYED Emese, RÓZSA Melinda, RÓZSA Sándor*, GOCAN Tincuța-Marta, MĂNIUȚIU Dănuț-Nicolae* - *University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Calea Mănăștur, no. 3-5, Cluj-Napoca, Romania*

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- Phytochemical and biological activity profile of the aerial parts of *Crataegus oxyacantha* L. (Hawthorn) - A Cardiotoxic Herb
El Kadi Fatima Zohra, Kanoun Khedoudja, Said Said, Benouis Khadidja, Bouanani Fatima Zohra - *Biotoxicology Laboratory, Department of Biology, Faculty of Natural Sciences and Life, University of Djilali Liabes, Sidi Bel Abbes 22000, Algeria*
- Chemical composition, antioxidant activity and nutritional value of *Mentha* species
Huiban F.A., Borozan Aurica-Breica, Alda S., Bordean Despina-Maria - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, 119 Aradului Street, Timișoara, Romania*
- Research on fruit quality of several apple varieties from different sources
Iuga Carmen Alina, Dascălu Ionuț, Iordănescu Olimpia Alina - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- Contribution to the research of antibiotic residues in food of animal origin in the western regions of Algeria
Khaldi A.^{1*}, Maghdouri N.¹, Ghalem M.¹, Moussa K.², Benine A.¹, Abbouni B.¹, Demmouche A.³
¹*Laboratoire de Microbiologie Moléculaire, Protéomique et Santé Université de Sidi Bel Abbes, 22000 Algérie*
²*Laboratoire Génie microbiologique et sécurité sanitaire, Faculté SNV, Université de Mascara, Algérie*
³*Laboratoire de Biotoxicologie Faculté de SNV Université de Sidi Bel Abbes, 22000 Algérie*
- Studies on the aspects of commercial quality of bell peppers (*Capsicum annuum* L var. *grossum*) landraces from western Romania
Madoșă E., Sasu Lavinia, Ciulca S., Ciulca Adriana, Danci M., Popescu Sorina Velicevici Giancarla - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- The evolution of total polyphenols and anthocyanins in several red wine grape varieties
Nistor Eleonora, Dobrei Alin, Dobrei Alina Georgeta - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- Research on the importance of poplar species in the ecological process of polluted waters
Panici Petre Alexandru, Udrescu Maria Adelina, Panici Cristina Gabriela, Moatăr Maria Mihaela, Camen Dorin Dumitru, Dragomir Petru Ioan - *Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*
- An open source software application for forests management maps
Pica Adrian¹, Boja Florin², Vidrean Dan², Dragomir Petru Ioan³, Carolina Ștefan³, Mihaela Moatăr³, Foră Ciprian George³, Boja Nicușor^{2,3}
¹*Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering.*
²*"Vasile Goldiș" Western University of Arad, Faculty of Economics, Informatics and Engineering*
³*Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania*

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Section: Horticulture and Forestry

- Control of the main quality parameters and quality indicators for the white and aromatic wines obtained in the Drăgășani vineyard
Popescu (Trușcă) Raluca Iuliana^{1,2}, Costea P. B.^{1*}, Boștinaru M. A.^{1*}, Giugea N.¹
¹University of Craiova, Faculty of Horticulture, 13 Alexandru Ioan Cuza Street, Craiova, RO-200585, Dolj Romania
²Research and Development Station for Viticulture and Winemaking Drăgășani
- The effect of lead on the development of Rhizobium meliloti - one of the partners of the biological nitrogen fixation symbiotic system
Popescu Sorina, Boldura Oana-Maria, Cozma Antoanela, Madoșă E., Borozan Aurica Breica* - Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, 119 Aradului Street, Timișoara, Romania
- Studies on the influence of nutrient mixture on morphological characteristics in *Celtis australis* L. seedlings
Poșta Daniela Sabina¹, Rózsa Sándor², Gocan Tincuța-Marta², Bernardis Roberto³
¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania
²University of Agricultural Sciences and Veterinary Medicine, Faculty of Horticulture 3-5 Mănăștur St., 400372, Cluj-Napoca, Romania
³University of Life Sciences, "Ion Ionescu de la Brad" Iași, Romania
- Influence of culture substrate pH on Cordyceps militaris mushroom adenosine content, grown on different solid substrates
RÓZSA Melinda, MĂNIUȚIU Dănuț-Nicolae*, APAHIDEAN Ioan Alexandru - University of Agricultural Sciences and Veterinary Medicine, Faculty of Horticulture 3-5 Mănăștur St., 400372, Cluj-Napoca, Romania
- *In vitro* rooting and acclimatization *ex vitro* of *Aronia melanocarpa* cv. 'Nero'
Rusea Ionela^{1*}, Popescu A.³, Hoza D.¹, Isac V.², Oprea M. I.³
¹University of Agronomic Sciences and Veterinary Medicine Bucharest, Faculty of Horticulture, 59 Mărăști Blvd, Bucharest, Romania
²Research Institute for Fruit Growing, Mărului Str., No. 59, Pitești, Romania
³University of Pitești, Târgul din Vale Str., No. 1, Pitești, Romania
- Study on the use of new species of ornamental plants in green spaces in Timis County
Silivășan Marius, Berar Cristian, Cristina Toța - Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania
- Study on the variability of some quality characteristics of grape varieties for white wines from the Miniș-Măderat vineyard
Velicevici Giancarla, Madoșă Emilian, Ciulca Adriana, Ciulca Sorin, Mălăescu Mihaela, Beințan Carmen - Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Horticulture and Forestry, 119 Aradului Street, Timișoara, Romania

