



## Curriculum vitae Europass

### Personal information

Name / Surname **Crișan Vlad Emil**

Address

Phone

Email [vlad.crisan@unitbv.ro](mailto:vlad.crisan@unitbv.ro)

Nationality Romanian

Birth date

Sex Male

### Professional experience

Period 01.01.2023 – present

Occupation / position

Main activities and responsibilities

#### **Scientific researcher II-nd degree (experimented)**

Elaboration, participation and coordination of national and international research projects, coordination and analysis of results, their interpretation, dissemination of results in the form of books, articles or presentations at International Conferences. Participation in working sessions within international working groups

Name and address of employer

Type of business or sector

National Institute of Research and Development in Forestry "Marin Drăcea" Brașov Branch  
Research

Period 22.06.2018 – 31.12.2022

Occupation / position

Main activities and responsibilities

#### **Scientific researcher III-nd degree (intermediate)**

Elaboration, participation and coordination of national and international research projects (national and European grants, European monitoring, etc.); data collection and analysis, interpretation of results; dissemination of results in national and international conferences in the form of presentations, posters, articles as well as book chapters.

Name and address of employer

Type of business or sector

National Institute of Research and Development in Forestry "Marin Drăcea" Brașov Branch  
Research

Period 3.05.2016 – 21.06.2018

Occupation / position

Main activities and responsibilities

#### **Research Assistant on Ecology / Research Department**

Participation in national and international research projects (national, European grants, European monitoring, etc.); data collection and analysis, interpretation of results; dissemination of results in national and international conferences in the form of presentations, posters, articles.

Name and address of employer

Type of business or sector

National Institute of Research and Development in Forestry "Marin Drăcea" Brașov Branch  
Research

Period 15.12.2014 – 2.05.2016

Occupation / position

Main activities and responsibilities

#### **Forestry engineer research and development / Department "Rundholz" round wood-logs**

Record of log entries and exits from suppliers as well as their payment (suppliers, forest bypasses Preparation and record of all log output documents, record and payment of transporters; verification of the correctness of all data and stocks as well as their reporting to management, public institutions (monthly report to the Forest Guard – former ITRSV)

SC Holzindustrie Schweighofer SRL

Wood processing / wood industry

Period	01.02.2014 – 14.12.2014
Occupation / position	<b>Head of department</b>
Main activities and responsibilities	Administration and maintenance of the department's staff and equipment; coordination of the team of workers in the factory; centralization of product requests; verification of compliance with labor standards;
Name and address of employer	SC Rompaper SRL
Main activities and responsibilities	Production and marketing of paper objects: table napkins, kitchen towels, professional rolls
Period	1.06.2011 – 15.06.2013
Occupation / position	<b>Sales manager</b>
Main activities and responsibilities	Promoting and selling construction materials
Name and address of employer	SC Arabesque SRL
Type of business or sector	Sales - construction materials
Perioada	October 2007 – october 2014
Occupation / position	<b>Associate professor</b>
Main activities and responsibilities	Research activities and didactic activities for teaching and evaluating students - pedology, ecology, forestry: <ul style="list-style-type: none"> <li>- 2008-2009 – Pedology – practical training and laboratory</li> <li>- 2009-2010 – Ecology – practical training and laboratory</li> <li>- 2010-2011 – Forest sites and forest soils – practical training and laboratory</li> <li>- 2012-2013 – Forest sites and forest soils – practical training and laboratory</li> <li>- 2013-2014 – Forest sites and forest soils – practical training and laboratory</li> </ul>
Name and address of employer	Transilvania University Braşov, Faculty of Silviculture and Forest Engineering
Type of business or sector	University Education
<b>Education and Training</b>	
Period	Mai 2023, Finlanda-Ustjoki
Qualification / diploma	Participation in all working groups WG1, WG2 and WG3 as a representative of INCDS Marin Dracea from Romania
Main subjects studied / professional skills acquired	
Name and type of educational institution / the training provider	Action coordinator CA 21125 Natural Resources Institute Finland (Luke) A European forum for revitalization of marginalized mountain areas for Romania
The level in the international classification	International working conference within the European project COST Action CA 21125 Margistar
Period	March 2023, Viena
Qualification / diploma	Working conference related to aspects of pedological analyzes within the ICP Forests program, representative of INCDS Marin Dracea on the forestry soil
Main subjects studied / professional skills acquired	
Name and type of educational institution	Thunnen Institut & BfW Austrian Research Center for Forests
The level in the international classification	International working conference within the European program ICP Forests
Qualification / diploma	15-17.09.2017, Brasov <b>Organization and Participation in the International Symposium "Properties and management of forest soils" XXVII Edition, Ioan Cuza University and INCDS "Marin Dracea" Brasov Branch, Brasov</b>

Main subjects studied / professional skills acquired	Article presentation "Differences between pedogenetic processes specific to forest soils and those from other types of ecosystems", authors: <b>Vlad Emil CRIȘAN</b> , Dumitru Romulus TÂRZIU Article presentation: " Comparative analysis of soil carbon dioxide fluxes between a virgin forest and a forest managed with the first silvotechnical works ", authors: Bragă Cosmin, <b>Vlad Emil Crișan</b> , Diana Vasile, Virgil Scărlătescu, Raluca Enescu, Any Mary Petrițan
Name and type of educational institution	University "Alexandru Ioan Cuza", Iași, Faculty of Geography and Geology; INCDS "Marin Dracea" Brasov Branch
The level in the international classification	International conference, postgraduate education
Period	16-18.09.2016, Iasi
Qualification / diploma	<b>Participation in the International Symposium "Pedogenetic factors and processes from the temperate zone" XXVI Edition, Ioan Cuza University, Iasi</b>
Main subjects studied / professional skills acquired	Presentation of the article "Causes of land degradation in Vrancea. Forestry measures to improve degraded lands", authors: Constandache Cristinel, Dincă Lucian, Nistor Sanda, <b>Crișan Vlad</b> , Bragă Cosmin
Name and type of educational institution	"Alexandru Ioan Cuza" University, Iasi Faculty of Geography and Geology
The level in the international classification	International conference, postgraduate education
Period	07-08.10.2016
Qualification / diploma	<b>Diploma of participation in the "Forest and Sustainable Development" International Symposium, Brasov</b>
Main subjects studied / professional skills acquired	Poster presentation " Structural characteristics of beech virgin forests of „Izvoarele Nerei” Nature Reserve at different altitudinal levels ", authors: Vlad Crișan, Any Mary Petrițan, Daniel Turcu, Diana Vasile. Poster presentation "Izvoarele Nerei” Reserve - an important virgin beech forest from Europe (Romania)", authors: Vasile D., Petrițan A.M., Turcu D, Crișan V,
Name and type of educational institution	Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering
Period	15.10.2010
Qualification / diploma	<b>Diploma of participation in the "Forest and Sustainable Development" International Conference, Brasov</b>
Main subjects studied / professional skills acquired	Oral presentation of article „A short comparison between data from satellite images (MODIS) and from data loggers (HOBO data loggers)", authors <b>Crișan Vlad Emil</b> , Candrea-Bozga Ștefan Bogdan
Name and type of educational institution	Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering
The level in the international classification	International conference, postgraduate education
Period	01.10.2007 – 01.07.2010
Qualification / diploma	<b>1) Auditor in OHSAS (Safety and health at work); ISO 9001, 14001, 18001 quality systems 2) Risk level assessor</b>
Main subjects studied / professional skills acquired	Audit in OHSAS; Legislation; Quality management; Theory of communication; occupational medicine etc.
Name and type of educational institution	Transilvania University of Brasov, Faculty of Materials Science and Engineering

The level in the international classification	Diploma of postgraduate academic studies with specialization.
Period	2007 – 2010
Occupation or position held	<b>Member of the project team, coordinated by Conf. Dr. Ing. Victor Dan Pacurar</b>
Main activities and responsibilities	Research
Name and type of educational institution	The institution that financed the program: Ministry of Education and Research
Type of business or sector	National research-development program "Scientific substantiation of response strategies to possible climate changes for forest ecosystems in the Brasov area", Project PN II Ideas No. 310/01.10.2007, cod ID-206
Period	2007 – 2010
Occupation or position held	<b>Member of the project team, coordinated by Prof. Dr. M. Sc. Ing. Valeriu-Norocel Nicolescu</b>
Main activities and responsibilities	Research
Name and type of educational institution	The institution that financed the program: Ministry of Education and Research
Type of business or sector	National research-development program "Elaboration of silvicultural guides for some precious deciduous species (cherry, common ash and mountain ash) of major interest in Romania and Europe"
Period	26.09.2010 – 02.10.2010
Occupation or position held	<b>Experience and knowledge exchange at Bayerische Landesanstalt fur Wald und Forstwirtschaft, Freising - Munchen, Germania</b>
Main activities and responsibilities	Specialization, field visits in test areas, as well as visiting the Faculty's facilities
Name and type of educational institution	Project PN II Ideas No. 310/01.10.2007, code ID-206
Type of business or sector	Research
Period	15-22 july 2009
Occupation or position held	<b>Experience and knowledge exchange at Faculty of Science, Stockholm University, Suedia</b>
Main activities and responsibilities	Specialization, field visits in test areas, as well as visiting the Faculty's facilities
Name and type of educational institution	Project PN II Ideas No. 310/01.10.2007, code ID-206
Type of business or sector	Research
Period	10-19 november 2008
Occupation or position held	<b>Mobility within the bilateral collaboration agreement between the Faculty of Forestry and Forestry in Brasov and the Faculty of Forestry in Freiburg – Albert – Ludwigs Universitat Freigurg, Germany</b>
Main activities and responsibilities	Specialization, field visits in test areas, as well as visiting the Faculty's facilities
Type of business or sector	Research, Environment protection
Period	6-11 october 2008
Occupation or position held	<b>Experience and knowledge exchange at „Universitat fur Bodenkultur” Wien, Viena, Austria</b>
Main activities and responsibilities	Specialization, field visits in test areas, as well as visiting the Faculty's facilities
Name and type of educational institution	Project PN II Ideas No. 310/01.10.2007, code ID-206
Type of business or sector	Research
Period	26 june – 2 july 2008
Occupation or position held	<b>Experience and knowledge exchange at University of Agricultural and Forestry Sciences in Prague, Czech Republic</b>
Main activities and responsibilities	Specialization, field visits in test areas, as well as visiting the Faculty's facilities
Type of business or sector	Research

Perioada	October 2007 – december 2011
Qualification / diploma	<b>Doctor PhD in agricultural and forestry sciences</b>
Main subjects studied / professional skills acquired	Forest meteorology and climatology, ecology, pedology, soils and forest resorts, GIS operational research, silviculture, creativity and inventiveness, project management.
Name and type of educational institution	Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering
The level in the international classification	Postgraduate education
Period	1.10.2002 – 31.09.2007
Qualification / diploma	<b>Diplomat engineer</b>
Main subjects studied / professional skills acquired	Forest exploitation, ecology, dendrology, elements of forest informatics, botany, topography, forest meteorology, pedology and forest stations, silviculture, project afforestation, game culture and salmon farming, mechanics, forestry improvements, operational research, forest products and the study of wood, genetics and improvement of trees, wood processing technology, forest transport, correction of torrents, forest constructions, arrangement of green spaces, forest management, etc. Universitatea Transilvania din Brasov
Name and type of educational institution	Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering
The level in the international classification	Bachelor's level studies lasting 5 years, university education
Period	1998-2002
Qualification / diploma	<b>Baccalaureate degree – mathematics-informatics profile, intensive in informatics</b>
Main subjects studied / professional skills acquired	Certificate of professional skills – IT programmer specialization
Name and type of educational institution	"Grigore Moisil" National College of Informatics, Brasov
The level in the international classification	High school studies lasting 4 years, theoretical branch, pre-university education
<b>Personal skills and competences</b>	
native language	Romanian language
Foreign language(s) known	
Self-assessment	
European Level (*)	
<b>English language</b>	
<b>French language</b>	
<b>German language</b>	

  

Understanding		Speaking		Writing	
Listening	Reading	Participating in conversation	Oral speech	Written expression	
C 1	C 1	C 1	C1	B 1	
B 1	B 1	A2	A2	B 1	
A2	A2	A2	A2	A2	

(\*) [The level of the Common European Framework of Reference for Foreign Languages](#)

Social skills and competences	Ability to quickly assimilate and adapt to new situations; Dynamism and determination. Seriousness, motivation.
Organisational skills and competences	Leadership; Administration and coordination of a team of people; Good project management experience; Teamwork.
Technical skills and competences	Good organization of the production flow; talent and skills for carpentry, woodworking.
Competences and skills of use of the computer	Holder of the Assistant Programmer Analyst Diploma issued by the "Grigore Moisil" National College of Informatics.
Artistic skills and competences	Creativity
Other skills and competences	Excellent communication skills, customer orientation, talent for sales; Oriented towards achieving results, with team spirit; Persevering, ambitious, dynamic;
Driver's license(s)	Yes. Category B with experience since 2002.
<b>Additional Information</b>	References available on request.

## LIST OF PUBLICATIONS

### Books (Chapters)

Scarlatescu V., Vasile D., Stuparu E., Gutu M., Boariu A., Enescu E. R., **Crisan V. E.**, 2017. Cap. II "Arii protejate (PVRC 1.1) din DS Caras Severin", în "Paduri cu valoare ridicata de conservare din Romania" in English Head. II "Protected areas (PVRC 1.1) from DS Caras Severin", in "Forests with high conservation value in Romania" – pp 26-50, Editura Silvica

Ciuvat L., **Crisan V. E.**, 2017. Cap. IV "Suprafete forestiere cu ecosisteme rar, amenintate sau periclitare (PVRC 3) din DS Caras Severin", în "Paduri cu valoare ridicata de conservare din Romania" in English Head. IV "Forest surfaces with rare, threatened or endangered ecosystems (PVRC 3) from DS Caras Severin", in "Forests with high conservation value in Romania" - pp 59-64, Editura Silvica

Petritan I.C., **Crisan V.E.**, Vasile D., Scarlatescu V., Petritan A.M., 2017. Cap. VI "Padurea virgina de fag cu brad de la Sinca, Brasov", în "Paduri cu valoare ridicata de conservare din Romania" in English Head. VI "Virgin beech and fir forest from Sinca, Brasov", in "Forests with high conservation value from Romania" - pp 73-83, Editura Silvica

D.R., Târziu, **V.E., Crisan**, 2017. Particularități ale proceselor pedogenetice din solurile ecosistemelor forestiere în "Proprietățile și managementul solurilor forestiere". Ghidul celei de a XXVII-a ediții a simpozionului "Factori și procese pedogenetice din zona temperată", Editura Universității Alexandru Ioan Cuza din Iași, in English Peculiarities of the pedogenetic processes in the soils of forest ecosystems in "Properties and management of forest soils". Guide to the 27th edition of the symposium "Pedogenetic factors and processes from the temperate zone", Alexandru Ioan Cuza University Publishing House in Iași

Silvestru-Grigore, C.V., Dinulică, F., Spârchez, G., Hălălișan, A.F., Dincă, L.C., Enescu, R.E. and **Crisan, V.E.**, 2019. Radial Growth Behavior of Pines on Romanian Degraded Lands, in "Ecological Management of Pine Forests", editors Rodolfo Picchio, Roberto Mercurio, Printed Edition of the Special Issue Published in Forests, Editura MDPI

**Crisan, V.E.**, 2020. Funcționalitatea și folosirea multiplă a pădurii în "Bazele ingineriei forestiere", in English The functionality and multiple use of the forest in the "Basics of forest engineering", editors: Chisăliță, I., Cadar, N., Cântar, I.C., Ciontu, C., Blaga, T., Costandache, C., Crisan, V., Davidescu, Ș., Enescu, R., Vechiu, E., Editura Mirton

**Crisan, V.E.**, 2020. Pădurea și calitatea vieții în "Bazele ingineriei forestiere", in English The forest and the quality of life in "Fundamentals of forest engineering", editors: Chisăliță, I., Cadar, N., Cântar, I.C., Ciontu, C., Blaga, T., Costandache, C., Crisan, V., Davidescu, Ș., Enescu, R., Vechiu, E., Editura Mirton

Vasile D., Enescu R., Scărlătescu V., **Crisan V.**, Mihalache E., 2023. Cap. II "Metoda de lucru, fișa de identificare, specii de arbori monumentali și starea de sănătate", în " CATALOGUL ARBORILOR MONUMENTALI DIN ROMÂNIA ȘI GHIDUL PENTRU MANAGEMENTUL ARBORILOR MONUMENTALI" in English Head. II "Work method, identification sheet, species of monumental trees and health status", in "CATALOG OF MONUMENTAL TREES FROM ROMANIA AND GUIDE FOR THE MANAGEMENT OF MONUMENTAL TREES" – pp. 25-34, Editura Silvica

**Crisan V.**, 2023. Cap. VI "Arbori monumentali din Genul Acer", în "CATALOGUL ARBORILOR MONUMENTALI DIN ROMÂNIA ȘI GHIDUL PENTRU MANAGEMENTUL ARBORILOR MONUMENTALI" in English Head. VI "Monumental trees of the genus Acer", in "CATALOG OF MONUMENTAL TREES FROM ROMANIA AND GUIDE FOR THE MANAGEMENT OF MONUMENTAL TREES " – pp. 85-91, Editura Silvica

Ilie-Cosmin Cântar, Catalin-Ionel Ciontu, Lucian Dinca, Gheorghe Florian Borlea and **Vlad Emil Crisan**, 2023. "Damage and tolerability thresholds for remaining trees after timber harvesting: a case study from Southwest Romania", in „Forest management and biodiversity conservation” – pp.117 – 145, Editura MDPI

## ISI Articles

- Silvestru-Grigore, C.V., Dinulică, F., Spârchez, G., Hălălișan, A.F., Dincă, L.C., Enescu, R.E., **Crișan, V.E.**, 2018. Radial growth behavior of pines on Romanian degraded lands. *Forests*, Vol. 9, No. 4, p. 1-21 (FI=1,951); doi:10.3390/f9040213 (registering DOI) [http://www.mdpi.com/journal/forests/special\\_issues/ecological\\_pine](http://www.mdpi.com/journal/forests/special_issues/ecological_pine)
- Dincă, L., Badea, O., Guiman, G., Bragă, C., **Crișan, V.**, Greavu, V., Murariu, G., Georgescu, L., 2018. Monitoring of soil moisture in Long-Term Ecological Research (LTER) sites of Romanian Carpathians. *Annals of Forest Research*, Vol. 61, No. 2, p. 171-188 (FI=1,32)
- Onet, A., Dincă, L.C., Grenni, P., Laslo, V., Teusdea, A.C., Vasile, D.L., Enescu, R.E., **Crișan, V.E.**, 2019. Biological indicators for evaluating soil quality improvement in a soil degraded by erosion processes. *Journal of Soils and Sediments*, Vol. 19, p. 2393-2404 (FI=2,627).
- Onet, A., Dincă, L., Teusdea, A., **Crișan, V.**, Bragă, C., Enescu, R., Onet, C., 2019. The influence of fires on the biological activity of forest soils in Vrancea, Romania. *Environmental Engineering and Management Journal*, Vol. 18, No. 12, p. 2643-2654 (FI=1,186).
- Davidescu, S., Murariu, G., Dinca, L., Vasile, D., **Crișan, V.**, Cretu, R., Georgescu, L., Deca, S., 2020. Growth potential of hybrid black poplar (*Populus x Canadensis* Moench) in Romania's East Plain. *International Journal of Conservation Science*, Vol. 11, No. 3, p. 807-818 (FI=0).
- Crișan, V.**, Dincă, L., Enescu, R., Onet, A., Decă, S., 2020. Depolluting the slime deposit from Brasov, Romania – a case study. *Journal of Environmental Protection and Ecology*, Vol 21, No 2, p.579–587 (FI=0,634).
- Crișan, V.**, Dincă, L., Onet, A., Bragă, C., Enescu, R., Onet, C., 2021. Impact of windthrows disturbance on chemical and biological properties of the forest soils from Romania, *Environmental Engineering and Management*, Vol. 20, No. 7, p.1163-1172, (FI=0,634).
- Murariu, G., Dinca, L., Tudose, N., **Crișan, V.**, Georgescu, L., Munteanu, D., Dragu, M.D., Rosu, B., Mocanu, G.D., 2021. Structural Characteristics of the Main Resinous Stands from Southern Carpathians, Romania. *Forests*, Vol. 12, No. 8, 1029, p. 1-21, (FI=2,633).
- Araminienė, V., Dinca, L., Varnagiryte-Kabašinskiene, I., Enescu, R., **Crișan, V.**, Stakėnas, V., 2021. Growth and chemical composition of silver birch: Comparative study between Lithuania and Romania, *Journal of Forestry Research*, Vol. 32, No. 5, p. 2111-2120, (FI=2,149).
- Budeanu, M., Apostol, E.N., Besliu, E., **Crișan, V.E.**, Petritan, A.M., 2021. Phenotypic Variability and Differences in the Drought Response of Norway Spruce Pendula and Pyramidalis Half-Sib Families, *Forests*, Vol. 12, No. 7, 947 p 1-14, (FI=2,633).
- Crișan, V.**, Dincă, L., Breabăn, I.G., Deca, S., 2021. Analysing Pine Forest Ecosystems from Transylvania in the Context of Future Climatic Changes. *Present Environment and Sustainable Development*, Vol. 15, No. 2, p.199-208, (FI=0).
- Cântar, I.C., Ciontu, C.I., Dincă, L., Borlea, G.F., **Crișan V.E.**, 2022. Damage and Tolerability Thresholds for Remaining Trees after Timber Harvesting: A Case Study from Southwest Romania. *Diversity*, 14, 193, p. 1-27. (FI=2,465).
- Cosmin BRAGA, Lucian DINCA, Gheorghe SPARCHEZ, **Vlad CRISAN**, 2022. SEASONAL HETEROGENEITY OF SOIL MICROCLIMATE IN FAGUS SYLVATICA FOREST IN RELATION WITH STAND AGE, *Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering*. Vol. XI, p.52-61, (FI=0.2).
- Vlad CRISAN**, Lucian DINCA, Cosmin BRAGA, Sorin DECA, 2022. OAK REACTION TO FUTURE CLIMATE CHANGES IN CENTRAL AND EASTERN ROMANIA, *Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering*. Vol. XI, pp. 107-114, (FI=0.2).
- Mihai HAPA, Lucian DINCA, **Vlad CRISAN**, 2023. Forests along roads - a case of stability, resilience and biodiversity, *Present Environment and Sustainable Development* Vol. 17, no. 1, pp. 257-273, (FI=0).
- Vlad-Emil Crisan**, Lucian Dinca, Cosmin Braga, Gabriel Murariu, Eliza Tupu, George Danut Mocanu and Romana Drasovean, 2023. The Configuration of Romanian Carpathians Landscape Controls the Volume Diversity of *Picea Abies* (L.) Stands, *Land*, 12, 406, (FI=3.9).
- Vlad CRISAN**, Lucian DINCA, Virgil SCARLATESCU, Cosmin BRAGA, Gruita IENASOIU, Carmen CRISAN, 2023. PREDICTIONS ABOUT SESSILE OAK FOREST ECOSYSTEMS FROM BANAT MOUNTAINS IN THE NEXT 80 YEARS, *Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering*. Vol. XII, pp. 44-51, (FI=0.2).
- Braga, C.I.; **Crișan, V.E.**; Petritan, I.C.; Scarlătescu, V.; Vasile, D.; Lazar, G.; Petritan, A.M. Short-Term Effects of Anthropogenic Disturbances on Stand Structure, Soil Properties, and Vegetation Diversity in a Former Virgin Mixed Forest. *Forests* 2023, 14, 742, (FI=2.9).
- Iosif Vorovencii, Lucian Dincă, **Vlad Crișan**, Ruxandra-Georgiana Postolache, Codrin-Leonid Codrean, Cristian Cătălin, Constantin Irinel Greșiță, Sanda Chima, Ion Gavrilăscu, 2023. Local-scale mapping of tree species in a lower mountain area using Sentinel-1 and -2 multitemporal images, vegetation indices, and topographic information, *Frontiers in Forests and Global Change*, 16 Sec. Temperate and Boreal Forests, Vol 6, (FI=3.2).
- Vizitiu, D.E.; Sardarescu, I.-D.; Buciumeanu, E.C.; Guta, I.-C.; Dincă, L.; Bălăcenoiu, F.; Toma, D.; **Crișan, V.**; Din, A. 2023. The Influence of Groves on Aboveground Arthropod Diversity and Evolution in a Vineyard in Southern Romania. *Sustainability*, 15, 16543, (FI=3.9).
- Symochko, L.; Demyanyuk, O.; **Crișan, V.**; Dinca, L., 2024. Microbial transformation of soil organic matter under varying agricultural management systems in Ukraine, *Frontiers in Microbiology*, Vol. 14, (FI=5.2).
- Crișan, V.**; Dincă, L.; Târziu, D.; Onet, A.; Onet, C.; Cântar, I.-C., 2024. A Comparison between Uneven-Aged Forest Stands from the Southern Carpathians and Those from the Banat Mountains. *Sustainability* 2024, 16, 1109, (FI=3.9).
- (H index = 8, 191 citations, according to WoS, H index = 13, 522 citations according to Google Scholar)

## BDI Articles

- Crișan Vlad Emil**, Candrea-Bozga Stefan-Bogdan, Păcurar Dan-Victor, 2009, *Cercetări privind posibilitățile de analiza a variației spațiale a regimului radiativ și termic din zona Pirușca Seacă-Ciucaș*, Revista Pădurilor Nr.3 / 2009, pp 3-7, ISSN 1583-7890.
- Crișan Vlad Emil**, Candrea-Bozga Ștefan Bogdan, Sesiunea științifică Pădurea și Dezvoltarea Durabilă - Brașov, 15-16 octombrie 2010, *A short comparison between temperature data from satellite images (MODIS) and field data loggers*, pp.389-394. Secțiunea 5: „Forest Management Planning and Torrential Watershed Management”.
- Păcurar Victor-Dan, Nicolescu Valeriu-Norocel, **Crișan Vlad Emil**, 2010, *Air temperature spatial variation modelling – a prerequisite for modern mountain forestry in a changing environment*, Revista Pădurilor Nr.6 / 2010, pp 17-21, ISSN 1583-7890.
- Tomescu Romica, Târziu Romulus Dumitru, Candrea-Bozga Ștefan-Bogdan, **Crișan Vlad Emil**, 2011, *Biodiversitatea, energia și schimbările climatice*. Revista Pădurilor Nr.2 / 2011, pp 32-36, ISSN 1583-7890.
- Costandache C., Dincă L., Nistor S., **Crișan V.** 2017: "Cauzele degradării terenurilor în Vrancea. Măsurile silvice de ameliorare a

terenurilor degradate" Soil Forming Factors and Processes from the Temperate Zone 15 (2016), pp 57-68

Lucian DINCĂ, Diana VASILE, **Vlad CRIȘAN** 2017: "Paulownia SPP. and truffles (Tuber SPP.) plantations in Romania" Proceedings of the VIII International Agricultural Symposium „AGROSYM 2017” pp 2611-2617

**Crișan V.E.**, Enescu Raluca, Dincă Maria, 2017: Descrierea solurilor din cadrul Direcțiilor Silvice Giurgiu și Maramureș Revista de Silvicultură și Cinegetică Brașov nr. 39, pag. 85-89

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## LIST OF RESEARCH PROJECTS

### Collaborator or responsible for the research projects/themes, carried out within the INCDS "Marin Dracea", 2016-present

*Stud The study of the dynamics of the state of some virgin stands and the evaluation of the impact of forest management on their structural characteristics*, project PN 16330204, 2016-2017, member of the project team;

*The influence of abiotic risk factors on the characteristics of forest soils in Romania*, project 16330205, 2016-2017, member of the project team;

*Evaluation of the action of the main environmental factors, as well as other stress factors on the forestry and viticultural ecosystems in Romania* – Sectorial Project 3PS, 2017-2018, member of the project team;

Project contracted with private person, Afforestation on private land belonging to the private person Taus Gelu-Liviu located in Feldioara, Brasov county, 2017, **project manager**;

Project contracted with beneficiary SC HIDROCONSTRUCTIA SA *Analysis of the stage of bioremediation and phytoremediation at the investment "Rehabilitation of Brasov treatment plant "*, 2018, value. 71 400 lei, 15 000 euro, **project manager**;

Contracted project with the beneficiary Bod town hall, *Pedostational study, ecological reconstruction "La Stejari" Bod Commune*, Brasov county, 2018, **project manager**;

PN 18040401 „ *Monitoring and conservation of monumental trees in forest and non-forest habitats in Romania*”, 2018, member of the project team;

PN 19070505 *The state of health and conservation of monumental trees in Romania under the conditions of climate change*, 2019-



2022, member of the project team;

PN 19070506 „ *Modeling the action of extreme climatic factors on forest ecosystems*” – 2019-2022, val. **3 100 000 lei, 600 000 euro**, **project manager**;

Project BIOCARB, „ Above- and below-ground biomass and carbon content of a virgin beech-fir mixed forest” (cod PN-III- P1-1.1-TE-2016-1508), member of the project team;

PN 19070304 - Estimating the adaptive potential and resilience capacity of Quercinea forest ecosystems vulnerable to climate change through multidisciplinary analyzes and the development of genomic resources, member of the project team;

PN 19070501 - Biodiversity monitoring of forest vegetation from the pan-European network (Level I) located in Romania, Programme Nucleu Bioserv 2019 – 2022, member of the project team;

POIM Cheile Nerei-Beușnița : “Improving the state of conservation of species and habitats of conservation interest in the Cheile Nerei-Beușnița National Park and the overlapping natural areas of community and national interest by revising the integrated management plan” Funder: European Union through R.N.P. Romsilva – Administration of the Cheile Nerei-Beușnița National Park RA, 2021-2023, member of the project team;

Project POC\_40\_380 / Ctr. Subsid. 14 – „ Increasing the Economic Competitiveness of the Forestry Sector and the Quality of Life through the Transfer of Knowledge, Technology and CDI Skills – Cresforlife” - Monitoring the state of forest ecosystems and exploiting the recreational potential, cultural and historical of the urban and peri-urban forests managed by RPLP Kronstadt, 2019-2023, member of the project team;

Contract 162 / 2021 - National Strategy for the Prevention and Combating of Desertification and Land Degradation 2019-2030, member of the project team;

COST CA21125 - A European forum for revitalisation of marginalised mountain areas (MARGISTAR), period 2022 – 2026, **member of the project committee, representative of Romania**;

Pedostational study, Manastir commune, Timis County, 2023, **project manager**;

Pedostational study, Magura Ilvei commune, Bistrita-Nasaud County, 2023, **project manager**;

Pedostational study, Bixad, Covasna County, 2023, **project manager**;

Pedostational study, Kronstadt, Brasov County, 2024, **project manager**;

HORIZON-MISS-2023-SOIL-01 TERRASAFE (TERrestrial Resilience and RestorAtion Strategies for (semi) Arid and Fragile Ecosystems through a multi-actor approach), period 2024 – 2028, budget **483.387,5 euro (2.416.937 lei)**, **project manager**.

Brașov  
05.05.2025

Dr. ing. Vlad Emil Crisan

