

LISTA DE LUCRĂRI

1. Teza de doctorat

"Rezultate experimentale privind variabilitatea unor caractere de productivitate și calitate la două varietăți de salcâm, Robinia pseudoacacia L., var. rectissima și R. pseudoacacia L., var. oltenica." Teză de doctorat, Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca, 174 pp, 2014, îndrumător Prof.univ.dr. Marin Ardelean.

2. Publicații

A) Cărți/cursuri publicate, îndrumare/culegeri publicate,

A1. **Budău R.**, - Cultura salcâmului. Editura Universității din Oradea. ISBN 978-606-10-2255-7, 2023.

A2. Timofte A.I, **Budău R.** - Exploatarea pădurilor. Îndrumar de lucrări practice și de proiectare. Editura AcademicPres, Cluj-Napoca, ISBN 978-973-744 -105-8, 225 pag. din care 6 planșe color, Editură acreditată de CNCIS Cod 117, 2008.

A3. Timofte A.I, **Budău R.** - Prelucrarea primară a lemnului. Îndrumător de lucrări practice. Editura Universității din Oradea, 2008. ISBN 978-973-759-613-0

B) capitole publicate în volume colective,

C) capitole teoretice redactate,

D) sisteme de laborator funcționale, după caz, prin care se aduc contribuții la asigurarea și perfecționarea activităților didactice/profesionale.

3. Articole/studii publicate:

A) în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță;

A1. **Budău, R.**; Apăfăian, A.; Caradaică, M.; Bratu, I.A.; Timofte, C.S.C.; Enescu, C.M., Expert-Based Assessment of the Potential of Agroforestry Systems in Plain Regions across Bihor County, Western Romania. Sustainability 15. 2023

<https://www.mdpi.com/2071-1050/15/22/15724>

A2. Budău, R.; Bei, M.; Onet, C.; Agud, E.; Mintas, O.S.; Timofte, A.I.; Rosan, C.A.; Laslo, V.; Vicas, S.I. In Vitro Propagation of Several Valuable Selections of *Robinia pseudoacacia* L. as a Fast and Sustainable Source for Wood Production. *Sustainability* **2023**, *15*(22), 15724; <https://www.mdpi.com/2071-1050/15/21/15243>

A3. Radu Brejea., Mădălina Boros., Sanda Rosca., Jude Eugen Traian., **Ruben Budău.**, Ioana Maria Borza and Ioan Păcurar. Bioremediation of Oil Contaminated Soil and Restoration of Land Historically Polluted with Oil Products in the Agricultural Circuit in the Plain and Western Hills, Romania. *Appl. Sci.* **2023**, *13*(18), 10245; <https://www.mdpi.com/2076-3417/13/18/10245>

A4. AR Memete, I Sărac, AC Teusden, **R Budău**, M Bei, SI Vicas Bioactive Compounds and Antioxidant Capacity of Several Blackberry (*Rubus* spp.) Fruits Cultivars Grown in Romania. (Phytochemicals of Natural Products: Analysis and Biological Activities-Volumul II). *Horticulturae* **2023**, *9*(5), 556; <https://www.mdpi.com/2311-7524/9/5/556>

A5. Bei, M.F.; Apahidean, A.I.; **Budău, R.**; Rosan, C.A.; Popovici, R.; Memete, A.R.; Domocos D.; Vicas, S.I. An Overview of the Phytochemical Composition of Different Organs of *Prunus spinosa* L., Their Health Benefits and Application in Food Industry. *Horticulturae* **2024**, *10*(1), 29; <https://www.mdpi.com/2311-7524/10/1/29>

A6. Mariana BEI, Alexandru Ioan APAHIDEAN, Dorin SZILAGYI, Mihai CARBUNAR, **Ruben BUDĂU**, Daniela DOMOCOS. Influence of Sowing Time on Plant Growth and Production for some Varieties of Chard, in Western Part of Romania. Vol. 80 No. 2 (2023): BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA. HORTICULTURE <https://journals.usamvcluj.ro/index.php/horticulture/issue/view/456>

A7. Irina-Adriana Chiurciu., Daniela Dana., Valentina Voicu., Elena Cofas., Aurelia-Ioana Chereji., **Ruben Budău.** MANAGEMENT OF RISKS FOR WHEAT CONTAMINATION WITH *Fusarium graminearum*. ROMANIAN AGRICULTURAL RESEARCH, NO. 40, **2023** www.incda-fundulea.ro First Online: November, **2022**. DII 2067-5720 RAR 2022-61 https://new.incda-fundulea.ro/index.php?option=com_content&view=article&id=102&Itemid=232&lang=ro

A8. **Ruben BUDĂU**, Cristian Mihai ENESCU., THE YIELD OF A 11 YEARS OLD SASKATOON BERRY (*AMELANCHIER ALNIFOLIA* NUTT.) CULTURE FROM ARAD COUNTY, WESTERN ROMANIA. Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 22, Issue 3, **2022** PRINT ISSN 2284-7995, E-ISSN 2285-3952 <https://managementjournal.usamv.ro/index.php/scientific-papers/2927-the-yield-of-a-11-years-old-saskatoon-berry-amelanchier-alnifolia-nutt-culture-from-arad-county-western-romania>

A9. **Ruben BUDĂU**, Adriana R. MEMETE, Adrian I. TIMOFTE, Simona I. VICAS. Phytochemical screening and antioxidant capacity of two berry cultivars, 'Ruben' and 'Duke', depending on their harvesting time. Bulletin of University of Agricultural Sciences and

B) indexate in baze de date internaționale recunoscute (BDI).

B1. Ruben BUDĂU., - The market of edible mushrooms from the spontaneous flora of Romania. Annals of the University of Oradea, Fascicle: Environmental Protection, **2022** ISSN 1224-6255 https://protmed.uoradea.ro/facultate/publicatii/protectia_mediului/2022A/2022A.html

B2. BODEA B., BUDĂU R., TIMOFTE A.L., - Aspects regarding the establishment of acacia on the sterile dumps from Recea Șuncuiș quarry, Bihor County. Annals of the University of Oradea, Fascicle: Environmental Protection, **2022** ISSN 1224-6255
https://protmed.uoradea.ro/facultate/publicatii/protectia_mediului/2022B/2022B.html

B3. BUDĂU R., - Improvement by selection of acacia (ROBINIA PSEUDOACACIA L.) in Romania. "Risk Factors for environment and Food Safety", Oradea, **2021** ISSN 1224-6255
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B4. Timofte A.L., Budău R. - Analysis of Harvesting Costs of Small Dimensions Wood. Analele Universității din Oradea, Fascicula Protecția Mediului, **2018**, Vol. XXXIB, (B+), pg. 177-184. ISSN 1224-6255
https://protmed.uoradea.ro/facultate/publicatii/protectia_mediului/2018B/2018B.html

B5. BUDĂU R., ASPECTS REGARDING THE ACACIA CROP IN THE AGROFORESTRY SYSTEM FOR THE PRODUCTION OF DENDROMASS. Annals of the University of Oradea, Fascicle: Environmental Protection Vol. XXVIII, **2017**. ISSN 1224-6255
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B6. BUDĂU RUBEN., STUDY ON THE ACCLIMATIZATION OF AMELANCHIER ALNIFOLIA NUT. SEMINAL DESCENDANTS IN THE HILLY AREA OF CODRU MOMA MOUNTAINS FROM ROMANIA. Simpozion International "Risk Factors for environment and Food Safety", Oradea, **2017**. Vol. XXVIII, **2017**. ISSN 1224-6255
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B7. TIMOFTE A.L., BUDĂU R., BUDĂU A., - CONSIDERATIONS ON THE DAMAGE BROUGHT TO THE TREE FELLING WITHIN THE WOOD HARVESTING PROCESS. Simpozion International "Risk Factors for environment and Food Safety", Oradea, **2017**. Vol. XXVIII. ISSN 1224-6255
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B8. Budău Ruben, Timofte Claudia Simona - Results of increased seedlings per unit area in the Robinia pseudoacacia species. Journal article: Natural Resources and Sustainable development **2016** .Vol.8 pp.9-14 ref.16.
<https://www.nrsdj.com/issues-year-2016/results-of-increased-seedlings-per-unit-area-in-the-robinia-pseudoacacia-species.html>

B9. Timofte A.I., Timofte C.S., BUDĂU R. -Legislative and organizational issues concerning the range of machines used in logging. Simpozion International "Risk Factors for environment and Food Safety", Oradea, 2016. Pg.475-482.
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B12. TIMAR ADRIAN, BUDĂU RUBEN, PURCĂREA CORNELIA, CHIȘ ADRIANA: RESEARCH ON QUALITY CHARACTERISTICS OF THE FRESH AND REFRIGERATED CRATAEGUS MONOGYNA FRUITS. International Symposia Natural Resources and Sustainable Development, Faculty of Environmental Protection, November Oradea 2015. Pg.317-322.
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B13. BUDĂU, R., TIMOFTE A.I., NANDOR K., 2014, Aspects regarding the Acacia Culture in Agro-Forestry System for Production of Wood Biomass. International Symposia Natural Resources and Sustainable Development, Faculty of Environmental Protection, November 7-8 Oradea 2014. Pg.337-344. ISSN 1224-6255
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B16. BUDĂU, R. and A.I. TIMOFTE., Study regarding the height of the acacia seedlings on the basis of their variety. Natural resources and sustainable development. I.S.S.N. 2066-6276. 2013.pg.231-238
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B18. Timofte Adrian Ioan, Budău Ruben, Claudia Simona Timofte., - INFLUENCE OF PROCESSING LOGS' CONICITY UPON THE OUTPUT WHEN LOG CONVERSION. International Symposia Risk Factors for Environment and Food Safety & Natural Resources and Sustainable Development, Faculty of Environmental Protection, November 6-7 Oradea 2012. ISSN 1224-6255

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B19. Budău Ruben, Timofte Adrian Ioan, Timofte Claudia Simona., - ISSUES RELATED TO THE DEPRECIATION OF BEECH WOOD (FAGUS SYLVATICA L.) AFTER HARVESTING AND STORAGE. Analele Universității Oradea, Fascicula Protecția Mediului. Revistă acreditată de CNCIS, cod 686, categoria B+, din anul 2010. ISSN 1224-6255

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B22. Budău Ruben, Timofte Claudia Simona, Timofte Adrian Ioan., - SOME ASPECTS REGARDING THE IMPORTANCE AND USE OF THE ACACIA FLOWERS (ROBINIA PSEUDACACIA L.) International Symposia Risk Factors for Environment and Food Safety & Natural Resources and Sustainable Development, Faculty of Environmental Protection, November 6-7 Oradea 2009. pag.437-440.

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B25. **Budău R.**, Timofte A.I. - Aspects regarding the activities carried out by the mechanical wood processing operator in wood exploitation and the situation of the work accidents, *Analele Universității din Oradea, Fascicula Silvicultură*, vol. XII, Editura Universității din Oradea, ISSN 1224-6255, 2007.

B26. **Budău Ruben.**, Aspects concerning the development activity of the tourism concerning the Codru Moma Mountains area, Archiș commune area – complex holiday – Groșeni, *Analele Universității din Oradea, Fascicula Silvicultură*, vol. XII, Editura Universității din Oradea, ISSN 1224-6255, 2007.

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C) in alte reviste de specialitate de circulație internațională ;

D) in reviste din țară recunoscute C.N.C.S.I.S. ;

E) in alte reviste de specialitate de circulație națională cu (ISBN, ISSN)

F) citări ISI/BDI/Alte reviste

F1. **Ruben BUDĂU**, Adriana R. MEMETE, Adrian I. TIMOFTE, Simona I. VICAS
Phytochemical screening and antioxidant capacity of two berry cultivars, 'Ruben' and 'Duke', depending on their harvesting time. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology*. | VOLUME 79 ISSUE 1 | MAY 2022 <https://journals.usamvcluj.ro/index.php/fst/article/view/buasvmcn-fst%3A2022.000>
Citat de: E Kleszken, C Purcarea, A Pallag, F Ranga... - Plants, 2022 - mdpi.com
Phytochemical Profile and Antioxidant Capacity of *Viscum album* L. Subsp. *album* and Effects on Its Host Trees <https://www.mdpi.com/2223-7747/11/22/3021>

F2. **Ruben BUDĂU**, Adriana R. MEMETE, Adrian I. TIMOFTE, Simona I. VICAS
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Effects of Different Edible Coatings on the Shelf Life of Fresh Black Mulberry Fruits (*Morus nigra* L.) <https://www.mdpi.com/2077-0472/12/7/1068>

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 Phytochemical screening and antioxidant capacity of two berry cultivars, 'Ruben' and 'Duke', depending on their harvesting time. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology. | VOLUME 79 ISSUE 1 | MAY 2022 <https://journals.usamvcluj.ro/index.php/fst/article/view/buasvmcn-fst%3A2022.000>
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F5. Ruben BUDĂU, Adriana R. MEMETE, Adrian I. TIMOFTE, Simona I. VICAS
 Phytochemical screening and antioxidant capacity of two berry cultivars, 'Ruben' and 'Duke', depending on their harvesting time. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology. | VOLUME 79 ISSUE 1 | MAY 2022 <https://journals.usamvcluj.ro/index.php/fst/article/view/buasvmcn-fst%3A2022.000>
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F6. Ruben BUDĂU, Adriana R. MEMETE, Adrian I. TIMOFTE, Simona I. VICAS
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F7. R BUDĂU, CM ENESCU THE YIELD OF A 11 YEARS OLD SASKATOON BERRY (AMELANCHIER ALNIFOLIA NUTT.) CULTURE FROM ARAD COUNTY, WESTERN ROMANIA Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 22, Issue 3, 2022 PRINT ISSN 2284-7995, E-ISSN 2285-3952 https://managementjournal.usamv.ro/pdf/vol.22_3/Art9.pdf
 Citat de: R Budău, A Apăfian, M Caradaică, IA Bratu... - Sustainability, 2023 - mdpi.com THE YIELD OF A 11 YEARS OLD SASKATOON BERRY (AMELANCHIER ALNIFOLIA NUTT.) CULTURE FROM ARAD... <https://www.mdpi.com/2071-1050/15/22/15724>

F8. **R Budău**, CS Timofte - Natural Resources and Sustainable ..., 2016 - cabdirect.org Results of increased seedlings per unit area in the Robinia pseudoacacia species. <https://www.cabdirect.org/cabdirect/abstract/20173066540>

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Designing New Sport Supplements Based on Aronia melanocarpa and Bee Pollen to Enhance
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F14. AR Memete, I Sărac, AC Teusdea, **R Budău**, M Bei, SI Vicas Bioactive
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Phenolic Content, Antioxidant Capacity, and Browning Impact of Apple Slices during
Microwave Drying: A Chemometric Approach <https://www.mdpi.com/2227-9717/11/6/1601>

F15. AR Memete, I Sărac, AC Teusdea, **R Budău**, M Bei, SI Vicas Bioactive
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F16. AR Memete, I Sărac, AC Teusdea, **R Budău**, M Bei, SI Vicas Bioactive
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of fruit quality characteristics of blackberry genotypes growing naturally in Düzce (Türkiye)
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THE INTERNAL ACCESSIBILITY OF STANDS WHEN HARVESTING THE TIMBER
http://protmed.ueoradea.ro/facultate/publicatii/natural_resources/2015/papers/21.%20Timofte%20Adrian.pdf

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proiectare- 2008 ISBN 978-973-744 -105-8 – AcademicPres.
Citat de: T Adrian Ioan, S Georgeta Silvia - *Natural Resources and ...*, 2011 - [papers.ssrn.com](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2702021)
Influence of the Volume to be Extracted upon the Tending Costs (Cleanings) in the Deciduous
Forests in the Plain and Hilly Area https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2702021

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F24. **R Budău, CS Timofte** - Natural Resources and Sustainable ..., 2016 - cabdirect.org Results of increased seedlings per unit area in the Robinia pseudoacacia species.
<https://www.cabdirect.org/cabdirect/abstract/20173066540>

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F24. **R Budău, CS Timofte** - Natural Resources and Sustainable ..., 2016 - cabdirect.org Results of increased seedlings per unit area in the Robinia pseudoacacia species.
<https://www.cabdirect.org/cabdirect/abstract/20173066540>

Citat de: B BODEA, R BUDĂU, AI TIMOFTE - protmed.uroadea.ro ASPECTS REGARDING THE ESTABLISHMENT OF ACACIA ON THE STERILE DUMPS FROM RECEA ȘUNCUIUȘ QUARRY, BIHOR COUNTY
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Citat de: T Vintila, R Tagne, I Ionel, M Dragomirescu... - Glorepe 2018 final - researchgate.net Assessment of ethanol production from agricultural Assessment of ethanol production from agricultural lignocellulosic biomass using on-site cellulases from
https://www.researchgate.net/profile/Ioana-Ionel/publication/330075928_Glorepe_2018_final/links/5c2bc530299bf12be3a71f6a/Glorepe-2018-final.pdf#page=371

F28. AI Timofte, R Budău, A Budău Considerations on the damage brought to the tree felling within the wood harvesting process. Analele Universității din Oradea, Fascicula: Protecția Mediului 28, 225-230
https://scholar.google.com/citations?view_op=view_citation&hl=ro&user=chVPnnIAAAAJ&citation_for_view=chVPnnIAAAAJ:Wp0gIr-vW9MC
Citat de: R POSTOLACHE - protmed.uroadea.ro ASPECTS REGARDING THE PREVENTION OF THE LABOUR ACCIDENTS WHEN TREE CUTTING
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F29. R Budău Study on the acclimatization of Amelanchier alnifolia Nut. seminal descendants in the hilly area of Codru Moma Mountains from Romania. Analele Universității din Oradea, Fascicula: Protecția Mediului 28, 119-130
https://scholar.google.com/citations?view_op=view_citation&hl=ro&user=chVPnnIAAAAJ&citation_for_view=chVPnnIAAAAJ:aqIVkmm33-oC
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F30. **R Budău, Al Timofte** Observations and measurements of morphological traits in two varieties of black locust: *Robinia pseudoacacia* var. *rectissima* and var. *oltenica*. <https://www.cabdirect.org/cabdirect/abstract/20153393039>

Citat de: T Abri , K Cseke , Z Keserü , A Porcsin... - iForest ..., 2023 - iforest.sisef.org
Breeding and improvement of black locust (*Robinia pseudoacacia* L.) with a special focus on Hungary: a review <https://iforest.sisef.org/contents/?id=ifor4254-016>

F31. **R Budău, Al Timofte** Study regarding the development of the seminal offspring of acacia in the second vegetation year from the hill area of Codru Moma mountains. <https://www.cabdirect.org/cabdirect/abstract/20133214224>

Citat de: B Ruben, T Adrian Ioan - Natural Resources and Sustainable ..., 2013 - papers.ssrn.com
Study Regarding the Height of the Acacia Seedlings on the Basis of Their Variety https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2700082

4. A) Articole/studii publicate în volumele unor manifestări științifice: (se precizează dacă este cazul-cotate ISI sau indexate în baze de date internaționale-BDI).

B) internaționale recunoscute (cu ISSN sau ISBN) țară și din străinătate

C) naționale,

5. Brevete de invenție

1. Brevet pentru soi de plante Nr.00564 Afin Canadian, Soiul: Ruben eliberat în 28.01.2020 de către ISTIS

6. Proiecte/contracte/granturi de cercetare-dezvoltare-inovare:

A) obținute prin competiție pe bază de contract/grant internaționale

B) obținute prin competiție pe bază de contract/grant național

1. Studiu privind mijloacele și metodele de asigurare și maximizare a rentabilității lucrărilor de îngrijire (curățiri, rărituri), Romsilva. Contract de cercetare științifică nr. 40/12.04.2010 încheiat între Universitatea din Oradea și Regia Națională a Pădurilor. Perioada 2 ani, 2010-2011. Valoare 100000 ron. **Membru**
2. Proiect de cercetare PN-II-PT-PCCA-2013-4-2225, Metode electromagnetice pentru îmbunătățirea procedurilor vinicole 2015-2016. **Membru**

C) contracte de cercetare cu mediul socio-economic

1. **Director de proiect:** Proiectarea tehnico-economică a unei perdele forestiere de protecție pentru protejarea plantațiilor de pomi fructiferi împotriva factorilor climatici și poluanți.2022, valoare 10500 euro. (Mediu socio-economic Univ Oradea, Livada AnaRita);
2. **Director de proiect:** Identificarea și înregistrarea ca soi de plante pentru obținerea de biomasă lemnoasă, a unor arbori valoroși de salcâm (*Robinia pseudoacacia*), prin forma trunchiului și biomasă acumulată într-un ciclu scurt de producție din Fondul Forestier al României. 2022/2023 INO-Transfer UO Ediția a II-a, valoarea 50000 lei, - proiect în curs de implementare

D) alte lucrări de cercetare-dezvoltare, după caz.

1. **Responsabil reamenajare spațiu verde** în Proiectul Spațiu verde pentru toți copiii - reamenajare spațiu verde la Eco Școala Gimnazială Oltea Doamna din Oradea iunie 2015. Proiect desfășurat de Fundația pentru Parteneriat și MOL România în cadrul Programului Spații verzi, Componenta Spații Verzi Urbane.
2. **Responsabil reamenajare spațiu verde** în Proiectul Micul GRĂDINAR, pentru Grădinița cu Program Prolungit nr 34 din Oradea, iunie 2017. Proiect desfășurat de Fundația pentru Parteneriat și MOL România, implementat de Fundația Euroregiunea Bihor-Hajdu-Bihar-Oradea în parteneriat cu Facultatea de Protecția Mediului/Universitatea din Oradea și Grădinița cu Program Prolungit nr.34 din Oradea.
3. **Responsabil reamenajare spațiu verde** în Proiectul Învățăm să protejăm natura - ediția a II a, pentru Școala Gimnazială Szacsvey Imre din Oradea, 1 aprilie - 30 iunie 2018. Proiect desfășurat de Fundația pentru Parteneriat și MOL România, implementat de Fundația Euroregiunea Bihor-Hajdu-Bihar-Oradea în parteneriat cu Facultatea de Protecția Mediului/Universitatea din Oradea și Școala Gimnazială Szacsvey Imre din Oradea.

7. A) Creații artistice prezentate la manifestări recunoscute, precum și, după caz, alte lucrări similare,

B) lucrări prezentate la diferite seminarii/expoziții și nepublicate, etc.

B1. Conferința organizată de Episcopia Greco-Catolică de Oradea, cu ocazia Zilei Internaționale a Pădurilor. Episcopia Greco-Catolică de Oradea. 2023 *Plata ciupercilor comestibile din Flora Spontană a României*. <https://www.egco.ro/2023/03/22/conferinta-organizata-de-episcopia-greco-catolicade-oradea-cu-ocazia-zilei-internationale-a-padurilor/>

B2. „Oportunități de Finanțare a Împăduririlor în cadrul PNRR” workshop Facultatea de Protecția Mediului/Universitatea din Oradea. 2023 <https://media.uroadea.ro/article2328-Universitatea-din-Oradea-Sesiune-de-informare-bani-pentru-imp%C4%83duriri-prin-PNRR>

B3. Conferința Sistemele agrosilvice: prezent și perspective USAMV BUCUREȘTI *Arbuști fructiferi cu potențial de valorificare socio-economică în contextul actual al programelor naționale de împăduriri*. 2023 <https://padureademaine.ro/2023/10/19/conferinta-sistemele-agrosilvice-prezent-siperspective-18-octombrie-2023/?privacy=updated>

B4. Conferința Internațională „Pădurile, încotro?! Provocările pădurilor la schimbări climatice” găzduită de Episcopia Romano-Catolică în sala mare a Palatului Baroc din Oradea. *Arbori și arbuști cultivați în Ferma Bărzani*, 2022. <https://m.ebihoreanul.ro/stiri/padurile-incotro-lectii-de-ecologie-in-palatulepiscopiei-romano-catolice-din-oradea-foto-170256.html>

B5. Importanța pădurilor în contextul provocărilor generate de schimbările climatice și al crizei energetice care afectează în prezent statele europene. BĂILE FELIX, Bihor 2022.

Biomasa lemnoasă - o soluție pentru criza actuală energetică?

MANIFESTĂRILE INTERNAȚIONALE ALE SILVICULTORILOR SIMPOZION

<https://www.agerpres.ro/social/2022/09/22/bihor-cultura-de-salcam-pentrubiomasa-o-sursa-energetica-alternativa-ce-poate-beneficia-de-finantare-prinpnrr-983486>

B6. În Senatul României, Comisia pentru Afaceri Europene, am susțin o prelegere cu privire la Cultura salcâmului energetic și crearea unui proiect pilot pentru producerea energiei din biomasa lemnoasă. *Cultura Salcâmului Energetic* [2017]

B7. Forumul profesioniștilor din sectorul legumelor - ediția organizată de Modern Buyer și TMT, ediția a IV-a. București. *Aflinul canadian*. [11/2018]

B8. ARBIO Workshop, Culturi energetice. Eveniment organizat de ARBIO Biomasa și Biogas FORUM, București. *Cultura Salcâmului Energetic* [2015]

B9. Evenimentul BioForum Moldova Eco-Energy din Chișinău, Moldova. *Cultura Salcâmului Energetic* [12/2014]

8. Recunoașterea prestigiului științific

A) Conducere de doctorat

B) Referent în comisii de doctorat internaționale în ultimii 5 ani

C) Membru în colective de redacție ale unor reviste științifice recunoscute

C1. Membru în comitetul editorial pentru toate domeniile (Editorial Committee For Each Domain) al „Analelor Universității din Oradea, Fascicula Protecția Mediului, perioada 2022-2023, revistă acreditată CNCSIS din 2001, categoria B+ din 2010 http://protmed.uoradea.ro/facultate/publicatii/protecția_mediului/2022A/2022A.html

Șef lucrări dr.ing Budău Ruben

Data: 12.01.2024

Semnătura: