

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAȚIONALE

Candidat: Conf. dr. ing. TRUȚA MARIA ALINA (VÎLCAN)

Comisia de specialitate "Ingineria resurselor vegetale și animale"

Domeniul fundamental "Științe ingineresti"

Condiții minime privind punctajul pentru obținerea atestatului de abilitare

Activitate	Condiții minime	Punctaj realizat	Grad de îndeplinire
A1 Activitate didactică / profesională	100 puncte	131.54	DA
A2 Activitate de cercetare	260 puncte	407.94	DA
A3 Recunoașterea și impactul activității	60 puncte	652.38	DA
Total (A1 + A2 + A3)	420 puncte	1191.86	DA
Punctaj în ultimii 5 ani (25%)	105 puncte	873.96	DA

Centralizator de îndeplinire a Standardelor minime naționale CNATDCU necesare și obligatorii pentru obținerea atestatului de abilitare

Condiții minime Profesor		Punctaj realizat	Grad de îndeplinire
1. Activitate didactică/ profesională (A1)	Minimum 100 puncte	131.54	DA
1.1 Cărți și capitole în cărți de specialitate	1.1.1 Cărți cu ISBN/capitole ca autor: - Minimum 2 în calitate de prim autor; - Cel puțin o lucrare publicată după ultima promovare sau în ultimii 5 ani	- 2 ca prim autor; - 1 lucrare publicată după ultima promovare	DA
1.2 Suport didactic	1.2.1 Manuale, suport de curs inclusiv electronic - fără restricții	-1 ca prim autor; -1 ca și co-autor	DA
	1.2.2 Îndrumar de laborator/ aplicații- fără restricții	-1 ca și coautor	DA
2. Activitate de cercetare (A2)	Minimum 260 puncte	407.94	DA
2.1 Articole în extenso în reviste cotate Thomson Reuters, în volume proceedings indexate Thomson-Reuters și brevete de invenție indexate Web of Science-Derwent	2.1.1 Articole în reviste cotate ISI și volume cotate ISI Proceedings: minimum 8- Articole în reviste cotate ISI: minimum 4- Lucrări în reviste cotate ISI și volume indexate ISI ca autor principal /corespondent: minimum 4- Lucrări în reviste cotate ISI ca autor principal / corespondent: minimum 2- Lucrări în reviste cotate ISI și volume cotate ISI Proceedings publicate după ultima promovare sau în ultimii 5 ani: cel puțin 3	- 17 articole ISI în total; - 8 articole ISI ca autor principal/ corespondent din care 3 publicate după ultima promovare; - 12 articole ISI publicate după ultima promovare sau în ultimii 5 ani.	DA
2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale	2.2.1: - Articole: minimum 15	- 16 articole BDI	DA
2.4 Granturi/ proiecte câștigate prin competiție inclusiv proiecte de cercetare/ consultanță (valoare de minim 10 000 Euro echivalenți)	2.4.1: - Director: minimum 2	Proiecte: 1. Proiect de cercetare și consultanță (valoare 55.000 lei); 2. Proiect de cercetare și consultanță (valoare 52.000 lei);	DA
3. Recunoașterea și impactul activității (A3)	Minimum 60 puncte	652.38	DA
Total	Minimum 420 puncte	1191.86	DA

Detaliere criterii

CRITERIUL A1			
1.1.1.1. Cărți și capitole în cărți de specialitate internaționale cu ISBN			
1.1.1.2. Cărți și capitole în cărți de specialitate naționale cu ISBN			
Detalii	Formula de calcul	Punctaj	Dovada
Tehnologii moderne aplicate în regenerarea pădurilor din Romania, 2024, Editura AcademicPress, ISBN 978-630-309-126-6, Nr. autori:1, Număr pag.:126, Autor principal: DA	126/(5*1)	25.20	https://drive.google.com/file/d/1ep7tK3-smgrPPQUiu-yv41KzvabdBnMP/view?usp=drive_link
Studiul variabilității genetice la diferite proveniențe de Larix decidua din Plantajul Baci, Ocolul Silvic Cluj, 2022, Editura AcademicPress, ISBN 978-973-744-953-5, Nr. autori:1, Număr pag.:246, Autor principal: DA	246/(5*1)	49.20	https://drive.google.com/file/d/1ZZDwaYlYi6cwuDT75NLj9drlSlaTXqGZ/view?usp=drive_link
1.2.1. Manuale, suport de curs inclusiv electronic			
Pepiniere Forestiere, 2021, Editura AcademicPres, ISBN:978-973-744-915-3, Nr. autori:2, Număr pag.: 250, Autor principal: DA	250/(8*2)	15.63	https://drive.google.com/file/d/1CmOR0kM1Tf2b_ZDAoi_iu3d5PMUV5FbB/view?usp=drive_link
Gestiunea ecosistemelor silvice, 2015, Editura AcademicPres, Cluj-Napoca, ISBN 978-973-744-493-6, Nr. autori:3, Număr pag.: 387, Autor principal: NU	387/(8*3)	16.13	https://drive.google.com/file/d/1pOONqE4xF_wTdwyBn2ma7ARLkI9pYPLT/view?usp=drive_link
1.2.2. Îndrumar de laborator/ aplicații			
Dendrologie - Gymnospermae. Lucrări practice, 2016, Editura AcademicPres, Cluj-Napoca, ISBN 978-973-744-472-1, Nr. autori:2, Număr pag.: 166, Autor principal: NU	166/(8*2)	10.38	https://drive.google.com/file/d/1MrQR5MF7N9aUpQFv5HC20vk-NleFIAOd/view?usp=drive_link
1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale (POS, Erasmus)			
Coordonare Program de studii masterale "Managementul ecosistemelor forestiere"	Punctaj unic	15	https://drive.google.com/file/d/1Rs8_RtKiskcxFJkYF1X24aMMjgkBATxm/view?usp=drive_link
TOTAL CRITERIU A1		131.54	

CRITERIUL A2				
2.1.1.Articole in extenso în reviste ISI și volumele conferințelor indexate WOS				
			Indexare	Articol full text
1. Morar, I. M., Stefan, R., Dan, C., Sestras, R.E., Truta, P., Medeleanu, M., Ranga F., Sestras P., Truta A.M. , Sestras, A.F. (2024). FT-IR and HPLC analysis of silver fir (<i>Abies alba</i> Mill.) bark compounds from different geographical provenances. <i>Heliyon</i> , 10(5). F.I.: 3.4, Autori:10, Autor Principal: NU, WOS: 001206351700001	$((35+20*3.4)/10)*1$	10.30	https://drive.google.com/file/d/11xXXPQn7XKLvsy0LD1b3BRxzB3McHfAr/view?usp=drive_link	https://drive.google.com/file/d/1mohN8kWT9LQnm9bwNDEW0g-axjbK1X4A/view?usp=drive_link
2. Toader, T.N., Mircea, C.G.R., Truta, A.M. , Constantinescu, H. (2024). Coniferous Trees as Bioinspiration for Designing Long Reinforced Prestressed Concrete Columns. <i>Biomimetics</i> , 9(3), 165. F.I.: 3.4, Autori: 4, Autor Principal: NU, WOS: 001191816000001	$((35+20*3.4)/4)*1$	25.75	https://drive.google.com/file/d/1VT0PYYayFJ9iMmj3hriyURL0MijJctUm/view?usp=drive_link	https://www.mdpi.com/2313-7673/9/3/165
3. Hângan, I.D., Hulujan, I.B., Florian, T., Truta, A.M. , Oltean, I. (2024). Assessing montane grassland and butterfly biodiversity to improve management strategies in locally significant conservation areas. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 52(2), 13794-13794. F.I.: 1.4, Autori: 5, Autor Principal: DA, WOS: 001266853100021	$((35+20*1.4)/5)*2$	25.20	https://drive.google.com/file/d/1XGk4kWn-s7slzMrtDqu2oM6DXZ7BBrK/view?usp=drive_link	https://www.notulaebotanicae.ro/index.php/nbha/article/view/13794
4. Colisar, A., Dîrja, M., Simonca, V., Singeorzan, S. M., Sfecla, V., Vlasin, H.D., Negrusier, C., Truta, A.M. , Reborean, F.A., Ceuca, V. (2024). Sustainability of some forest species' associations established on degraded lands from the Transylvania Plain, in the context of climate change. <i>Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering</i> , 13(8) 2285-6064. F.I.: 0.3,	$((35+20*0.3)/10)*1$	4.10	https://drive.google.com/file/d/1Qj2aRxWbmIIFm6eLtdVGqh6MCQqpkHNv/view?usp=drive_link	https://drive.google.com/file/d/173l_rpGtSdCl25NpCaX8qcJwCUAEVw2s/view?usp=drive_link

Autori: 10, Autor Principal: NU, WOS: 001340502100001				
5. Stoian-Dod, R.L., Dan, C., Morar, I.M., Sestras, A.F., Truta, A.M. , Roman, G., Sestras, R. E. (2023). Seed germination within genus Rosa: The complexity of the process and influencing factors. Horticulturae, 9(8), 914. F.I.: 3.1, Autori: 7, Autor Principal: NU, WOS: 001055428100001	$((35+20*3.1)/7)*1$	13.86	https://drive.google.com/file/d/1JeWXeSNbjTC7RrVEFbUD4YBualF7w_te/view?usp=drive_link	https://www.mdpi.com/2311-7524/9/8/914
6. Socaciu, M.I., Semeniuc, C.A., Mureșan, E.A., Pușcaș, A., Tanislav, A., Ranga, F., Francisc Dulf, Emőke Páll, Alina M. Truta , Claudia Pașca, Daniel Severus Dezmirean, Mureșan, V. (2023). Characterization of some Fagaceae kernels nutritional composition for potential use as novel food ingredients. Food Chemistry, 406, 135053. F.I.: 8.5, Autori: 12, Autor Principal: NU, WOS: 000996480000001	$((35+20*8.5)/12)*1$	17.08	https://drive.google.com/file/d/1Ou2zoguuVwgoVV2G32WVGkDirE1IkNzc/view?usp=drive_link	https://drive.google.com/file/d/1lS9ikSIr3nDPpZ3wPfREv0ZndWDW7-Q0/view?usp=drive_link
7. Socaciu, M. I., Semeniuc, C. A., Tanislav, A. E., Mureșan, E. A., Pușcaș, A., Truța, A. M. , Mureșan, V. (2023). Formulation development and characterization of plant-based alternatives to pâté using forest ingredients. Journal of Food Science and Technology, 60(12), 3082-3093. F.I.: 2.6, Autori: 7, Autor Principal: NU, WOS: 001071577000002	$((35+20*2.6)/7)*1$	12.43	https://drive.google.com/file/d/16oec3whynUQFKxAm31tR4jolHcJqR4-3/view?usp=drive_link	https://drive.google.com/file/d/1cRPooW8p6KsM6gADznJy9GOaANwYWUsK/view?usp=drive_link
8. Morar, I. M., Dan, C., Sestras, R. E., Stoian-Dod, R. L., Truta, A. M. , Sestras, A. F., Sestras, P. (2023). Evaluation of Different Geographic Provenances of Silver Fir (Abies alba) as Seed Sources, Based on Seed Traits and Germination. Forests, 14(11), 2186. F.I.: 2.4, Autori: 7, Autor Principal: DA, WOS: 001116452000001	$((35+20*2.4)/7)*2$	23.71	https://drive.google.com/file/d/1iuAfmHDAIppq2M8tX2geU68zn0TZyZ7fz/view?usp=drive_link	https://www.mdpi.com/1999-4907/14/11/2186

9. Sîngeorzan, S. M., Holonec, L., Truta, A. M., Morar, I. M., Dan, C., Colișar, A., Viman, O., Negrusier, C., Borsai, O., Criveanu, H., Vlasin, H.D., Păcurar, I. (2022). The influence of physical treatments on seed germination and seedling development of spruce (<i>Picea abies</i> [L.] Karst.). <i>Forests</i>, 13(9), 1498. F.I.: 2.4, Autori: 12, Autor Principal: DA, WOS: 000856495700001	$((35+20*2.4)/12)*2$	13.83	https://drive.google.com/file/d/1RwP48mMZmpM20TP4z9a-VGygYBsZTFe/view?usp=drive_link	https://www.mdpi.com/1999-4907/13/9/1498
10. Roman, A. M., Truta, A. M., Viman, O., Morar, I. M., Spalevic, V., Dan, C., Sestras, R. E. Holonec, L., Sestras, A. F. (2022). Seed Germination and Seedling Growth of <i>Robinia pseudoacacia</i> Depending on the Origin of Different Geographic Provenances. <i>Diversity</i>, 14(1). F.I.: 2.04, Autori: 9, Autor Principal: NU, WOS: 000746986200001	$((35+20*2.04)/9)*1$	8.42	https://drive.google.com/file/d/1aYByt2g-3lt0le0Or06VplPCctFhxi9m/view?usp=drive_link	https://www.mdpi.com/1424-2818/14/1/34
11. Roman, A. M., Truta, A. M., Morar, I. M., Viman, O., Dan, C., Sestras, A. F., Holonec, L., Boscaiu, M., Sestras, R. E. (2022). From Seed to Seedling: Influence of Seed Geographic Provenance and Germination Treatments on Reproductive Material Represented by Seedlings of <i>Robinia pseudoacacia</i>. <i>Sustainability</i>, 14(9), 5654. F.I.: 3.8, Autori: 9, Autor Principal: DA, WOS:000794652200001	$((35+20*3.8)/9)*2$	24.67	https://drive.google.com/file/d/1mG0sc70QHAb-xhwJpgo9NJjdO2Vi8SNs/view?usp=drive_link	https://www.mdpi.com/2071-1050/14/9/5654
12. Holonec, R., Viman, O., Morar, I. M., Sîngeorzan, S., Scheau, C., Vlasin, H. D., Truta, P., Criveanu, H., Holonec, L., Truta, A.M. (2021). Non-chemical treatments to improve the seeds germination and plantlets growth of sessile oak. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i>, 49(3). F.I.: 1.249, Autori: 10, Autor Principal: DA, WOS: 000704166300006	$((35+20*1.249)/10)*2$	12.00	https://drive.google.com/file/d/1v3Zfa-V3Fp-nrL67RV1L5E9Jw5FU3rzO/view?usp=drive_link	https://www.notulaebotanicae.ro/index.php/nbha/article/view/12401

13. Andronie, L., Holonec, L., Ioana, P. O. P., Truta, A. M., Odagiu, A., Sălăgean, T., Sobolu, R., Coroian, A., Balta, I., Balta, I., Suba, E. E. (2019). Antioxidant capacity of several Romanian forest fruits (<i>Rosa canina</i> L., <i>Prunus spinosa</i> L., <i>Vaccium vitis-idaea</i> L. and <i>Cornus mas</i> L.). <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i>, 47(4), 1178-1184. F.I.: 1.444, Autori: 11, Autor Principal: DA, WOS: 000508003800020	$((35+20*1.444)/11)*2$	11.61	https://drive.google.com/file/d/1UAh0drPlveZFri0MOMN2aLUEC8urR-Wb/view?usp=drive_link	https://www.notulaebotanicae.ro/index.php/nbha/article/view/11709
14. Gramazio, P., Plesa, I. M., Truta, A. M., Sestras, A. F., Vilanova, S., Plazas, M., Vicente, O., Boscaiu, M., Prohens, J., Sestras, R. E. (2018). Highly informative SSR genotyping reveals large genetic diversity and limited differentiation in European larch (<i>Larix decidua</i>) populations from Romania. <i>Turkish Journal of Agriculture and Forestry</i>, 42(3), 165-175. F.I.: 1.731, Autori: 10, Autor Principal: NU, WOS: 000433482500003	$((35+20*1.731)/10)*1$	6.96	https://drive.google.com/file/d/10A7spq7J8mrdwtR34yYZT8g2dz7a956J/view?usp=drive_link	https://journals.tubitak.gov.tr/agriculture/vol42/iss3/3/
15. Vilcan (Truta) A., Mihalte, L., Sestras, A. F., Holonec, L., Sestras, R. E. (2017). Genetic variation and potential genetic resources of several Romanian larch populations. <i>Turkish Journal of Agriculture and Forestry</i>, 41(1), 82-91. F.I.: 1.434, Autori: 5, Autor Principal: DA, WOS: 000396338300009	$((35+20*1.434)/5)*2$	25.47	https://drive.google.com/file/d/1nvzEZX9gOQ2pCy7QOO4Liskm_7wpjgO0/view?usp=drive_link	https://journals.tubitak.gov.tr/agriculture/vol41/iss1/9/
16. Vilcan A., Tăut I., Holonec L., Mihalte L., Sestras R.E. (2013). The variability of different larch provenances on the response to the attack of the main pests and fungal diseases. <i>Trees Structure and Function</i>. 27(3): 697-705. F.I.: 1.900, Autori: 5, Autor Principal: DA, WOS: 000319015800020	$((35+20*1.9)/5)*2$	29.20	https://drive.google.com/file/d/1zwUGJiqNVNzMY307zpyzmDqwX8lQ_r0l/view?usp=drive_link	https://drive.google.com/file/d/1IxHZybMe4Fdr3DEiHgizI4POFIfaVOjr/view?usp=drive_link

17. Holonec L., Ranga F., Crainic D., Truța A., Socaciu C. (2012). Evaluation of betulin and betulinic acid content in birch bark from different forestry areas of western carpathians. Notulae Botanicae Horti Agrobotanici Cluj-Napoca 40(2): 99-105. F.I.: 0.590, Autori: 5, Autor Principal: NU, WOS: 000311589900014	$((35+20*0.590)/5)*1$	9.36	https://drive.google.com/file/d/1LmY6IvUS9ExadFhakdT-qtMohmtQTq/view?usp=drive_link	https://www.notulaebotanicae.ro/index.php/nbha/article/view/7967
	TOTAL	273.95		
2.2.1.Articole în reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)				
Detalii	Formula de calcul	Punctaj	Indexare	Articol full text
1. Aparaschive, C., Truta, A.M., Todea, I., Ioras, F., Boscaiu, M., Sestraș, A. F. (2024). The effect of environmental conditions on the growth and productivity of lingonberry (<i>Vaccinium vitis-idaea</i> L.). Notulae Scientia Biologicae, 16(4):12149. BDI: SCOPUS, Autori: 6, Autor principal: NU	$(15/6) * 1$	2.50	https://drive.google.com/file/d/1Qt1D7VvrENNi-0UnGHF4GNRvKmmCbQfi/view?usp=drive_link	https://drive.google.com/file/d/12nqOK9FOSLQG3KulV7WZUbFy0rK1u--9/view?usp=drive_link
2. Arion, L. D., Truta, A. M., Rebrean, F. A., Dan, C., Boscaiu, M., Ioras, F., Morar, I. M. (2024). Influence of geographical provenance, biostimulatory treatments and their interaction on the seed germination of <i>Quercus robur</i> L. Nova Geodesia, 4(4). BDI: DOAJ, Autori: 6, Autor principal: NU	$(15/7) * 1$	2.14	https://drive.google.com/file/d/1e65pqhe4mxMMA2sAlrokDV8EHpR7ZJQC/view?usp=drive_link	https://drive.google.com/file/d/1-gEq4y6_1Tw0eKwZv46odZN6BQGOOfVmP/view?usp=drive_link
3. Morar, I. M., Truța, A. M., Stoian-Dod, R., Dan, C., Ioras, F., Boscaiu, M., SESTRĂȘ, A. F. (2023). Responses of silver fir (<i>Abies alba</i> Mill.) seedlings from different geographical locations to low temperature	$(15/7) * 1$	2.14	https://drive.google.com/file/d/10A7QWLfR6dmL3fRjP	https://www.novageodesia.ro/index.php/ng/article/view/136

stress. Nova Geodesia, 3(4). BDI: DOAJ, Autori: 6, Autor principal: NU			KDCtpKfsPcBA5YI/view?usp=drive_link	
4. Sîngeorzan, S. M., Păcurar, I., Morar, I. M., Truta, A. M., Albert, C. N., Criveanu, H., Holonec, L. (2022). The influence of substrate types and biophytomodulators on spruce seed germination and seedling development (<i>Picea abies</i> [L.] Karst.). Bulletin of the University of Agricultural Sciences Veterinary Medicine Cluj-Napoca. Horticulture, 61(79). BDI: CABI, Autori: 6, Autor principal: DA	(15/7) * 2	4.29	https://drive.google.com/file/d/1dbGEZGHOxdB8dNinHAYqWXfyt_mB_CZRg/view?usp=drive_link	https://journals.usamvcluj.ro/index.php/horticulture/article/view/buasvmcn-hort%3A2022.0007
5. Steluța-Maria, S., Păcurar, I., Holonec, L., Truța, A. M., Morar, I. M., Vlasin, H. D., Negrușier, C. (2022). The influence of environmental conditions on phenotypic traits of spruce (<i>Picea abies</i> [L.] Karst). Agricultura, 1(2):(121-122). BDI: CABI, Autori: 6, Autor principal: DA	(15/7) * 2	4.29	https://drive.google.com/file/d/1cSruFASVrgTDN1QucLed3MxHwu_xeDRKp/view?usp=drive_link	https://journals.usamvcluj.ro/index.php/agricultura/article/view/14417
6. Holonec, L., Viman, O., Sîngeorzan, S. M., Truța, P., Truța, A. M. (2021). Chemical Methods to Improve Seed Germination and Seedling Growth of Honey Locust (<i>Gleditsia triacanthos</i> L.). seeds. Bulletin of the University of Agricultural Sciences Veterinary Medicine Cluj-Napoca. Horticulture, 78(1):63-70. BDI: CABI, Autori: 6, Autor principal: DA	(15/5) * 2	6.00	https://drive.google.com/file/d/1DvOv5OgoEEiXvFvRtcIToKnmjjTx9oQY/view?usp=drive_link	https://journals.usamvcluj.ro/index.php/horticulture/article/view/14103
7. Truța, A. M., Viman, O., Dohotar, V. D., Sîngeorzan, S., Truța, P., Holonec, L. (2020). The Influence of Certain Types of Substrate and Biochemical Substances in Seed Germination and Plant Development of Spruce (<i>Picea abies</i>). Bulletin of the University of Agricultural Sciences Veterinary Medicine Cluj-Napoca.	(15/6) * 2	5.00	https://drive.google.com/file/d/13kYH9la_VyfM-M0ndf8QOH5vcFrmkFjN/	https://journals.usamvcluj.ro/index.php/horticulture/article/view/13762

Horticulture, 77(1):128-135. BDI: CABI, Autori: 6, Autor principal: DA			view?usp=drive_link	
8. Andrea M. Roman, Irina M. Morar*, Alina M. Truța , Cătălina Dan, Adriana F. Sestraș, Liviu Holonec, Florin Ioraș*, Radu E. Sestraș, 2020, Trees, seeds and seedlings analyses in the process of obtaining a quality planting material for black locust (<i>Robinia pseudoacacia</i> L.), Notulae Scientia Biologicae 12(4):940-958. BDI: CABI, Autori: 6, Autor principal: NU	(15/8) * 1	1.88	https://drive.google.com/file/d/10-uu6oh2VphRI2A3Ki1U9Fv2Di2pKea0/view?usp=drive_link	https://www.notulaebiologicae.ro/index.php/nsb/article/view/10867
9. Sîngeorzan, S.M., Cret O.D., Grosariu, D., Holonec, L., Truța, A.M. (2019). Aspects regarding the stimulation of seeds' germination and the seedlings' growth in Pinus pinea. Journal of Horticulture, Forestry and Biotechnology, 23(3):113-117. BDI: CABI, Autori: 6, Autor principal: NU	(15/5) * 1	3.00	https://drive.google.com/file/d/1LDbFkiW4CpnwvVCBpudkmQHnPkquYarg/view?usp=drive_link	https://www.cabidigitallibrary.org/doi/pdf/10.5555/20203504608
10. Plesa, I., Dan, C., Truța, A. , Holonec, L., Sestraș, A. F., Boscaiu, M., Sestraș, R.E. (2017). Spruce trees growth and forest landscape depending on microstational factors and ecological conditions. Notulae Scientia Biologicae, 9(4):582-588. BDI: CABI, Autori: 6, Autor principal: NU	(15/7) * 1	3.00	https://drive.google.com/file/d/1bHSbySUK-wd-2wm_7D3z49fwq3VUDbk3/view?usp=drive_link	https://mail.notulaebiologicae.ro/index.php/nsb/article/view/10217
11. Holonec, L., Dîrja, M., Truța (Vîlcan), A.M. , Viman, O. (2017). Modern Technologies of Irrigation of Spruce (<i>Picea abies</i>) Cultures from Solariums, Agriculture - Science and Practice, 3(4):76-82. BDI: DOAJ, Autori: 6, Autor principal: DA	(15/4) * 2	7.50	https://drive.google.com/file/d/1hnC-KFhZull_kHEeB2-dqN1vxKo85	https://ftp.bensar.ro/index.php/agricultura/article/view/12863

			NPM/view?usp=drive_link	
12. Truța A., Roman A., Szász-Len A.M., Sestraș A., Holonec L. (2015). Research on <i>Picea pungens</i> Vegetative Seedlings Propagation. Bulletin UASVM Horticulture 72(1):197-204. BDI: CABI, Autori: 6, Autor principal: DA	(15/5) * 2	6.00	https://drive.google.com/file/d/1tHlohB81JAPtXTSjC_6S7XRrR7pPZruk/view?usp=drive_link	https://ftp.cramagiurgeo.ro/index.php/horticulture/article/view/11124
13. Szász-Len A.M., Holonec L., Truța A., Rebrean F. (2015). Aspects regarding the propagation of <i>Thuja occidentalis</i> 'Columna' using different rooting substrates. Bulletin UASVM Horticulture, 72(1): 191-196. BDI: CABI, Autori: 6, Autor principal: NU	(15/4) * 1	3.75	https://drive.google.com/file/d/1JPeYA98ZA-TBCeXjo--P2cmLJ6wiCGsj/view?usp=drive_link	https://journals.usamvcluj.ro/index.php/horticulture/article/view/10998
14. Vîlcan A., Oltean I., Holonec L., Tăut I. (2011). Monitoring of <i>Coleophora laricella</i> Hb. in a Larch Seed Orchard Situated in Centre of Transylvania, Romania. Agricultura, 1(2):75-81. BDI: CABI, Autori: 6, Autor principal: DA	(15/4) * 2	7.50	https://drive.google.com/file/d/1UWdX219wQ67CckTsIk2imBDjT2Xx5o4/view?usp=drive_link	https://journals.usamvcluj.ro/index.php/agricultura/article/view/7229
15. Vîlcan A., Holonec L., Tăut I., Sestraș R.E. (2011). Variability of the traits of cones and seeds in different larch clones. I. The influence of the provenance. Bulletin USAMV, Horticulture 68(1): 474-480. BDI: CABI, Autori: 6, Autor principal: DA	(15/4) * 2	7.50	https://drive.google.com/file/d/1KaiWwLRTjXBKRjSB_RlfnznR-7d7ZZYU/view?usp=drive_link	https://journals.usamvcluj.ro/index.php/horticulture/article/view/7018

16. Vîlcan A. , Holonec L., Tăut I., Sestraș R.E. (2011). Variability of the traits of cones and seeds in different larch clones. II. The energy and capacity of germination of seeds. Bulletin USAMV, Horticulture 68(1): 481-487. BDI: CABI, Autori: 6, Autor principal: DA	(15/4) * 2	7.50	https://drive.google.com/file/d/1emNuL6O-cwDSfGVuQcSvHE6d8L5wa2vy/view?usp=drive_link	https://journals.usamvcluj.ro/index.php/horticulture/article/view/7023
	TOTAL	73.99		
2.4.1.2. Granturi/proiecte nationale ca director, responsabil activități				
Proiect	Calcul	Punctaj	Dovadă sume	Documente proiect
Reconstructia ecologica a suprafetei de 72.4087 ha padure, afectata de calamitati si taieri ilegale, prin tehnologii moderne, integrate gestionarii durabile a padurilor, menite sa conduca la cresterea biodiversitatii ecosistemelor foresiere, Valoarea contractului de 55.000 lei, Nr. contract: 26012/16.12.2020, finanțator: S.C. PRO WOOD INVESTMENT S.R.L.; perioada de desfășurare 38 luni (contract)+14 luni (act adițional); responsabil activități USAMVCN, categoria ”Contract cu terți”	10 * 3	30	https://drive.google.com/file/d/1VI9frWR_AzYZ_9-d8pXeWME72h2bTuS3k/view?usp=drive_link	https://drive.google.com/file/d/1zAwZSPDYtv-TU7-hH6oeItxy9Jddkcwk/view?usp=drive_link
Aplicarea unor tehnologii moderne menite să asigure reușita regenerărilor mixte prin utilizarea puieților containerizați în completarea regenerărilor naturale, în scopul menținerii continuității pădurilor și gestionării durabile a acestora, cu aplicabilitate în zona de munte, Valoarea contractului de 52.000 lei; Nr. contract: 14903/03.07.2024, finanțator: S.C. ALSER CAPITAL S.R.L.; perioada de desfășurare 38 luni; responsabil activități USAMVCN, categoria ”Contract cu terți”	10 * 3	30	https://drive.google.com/file/d/1VI9frWR_AzYZ_9-d8pXeWME72h2bTuS3k/view?usp=drive_link	https://drive.google.com/file/d/1fkWFEV-Sijc1W7ZXJh6nwMiI8pYs3qts/view?usp=drive_link
	TOTAL	60		
TOTAL CRITERIU A2		407,94		

CRITERIUL A3			
3.1. Citări în reviste ISI și volumele conferintelor indexate WOS			
1. Morar, I. M., Stefan, R., Dan, C., Sestras, R.E., Truta, P., Medeleanu, M., Ranga F., Sestras P., Truta A.M. , Sestras, A.F. (2024). FT-IR and HPLC analysis of silver fir (<i>Abies alba</i> Mill.) bark compounds from different geographical provenances. <i>Heliyon</i> , 10(5). Nr. citări în jurnale ISI: 2, nr. autori articol citat: 10	(10/10*2)	2.00	https://drive.google.com/file/d/1L0v7s1mkc60aumaNIS_a4ceD4GXquhAy/view?usp=drive_link
2. Toader, T.N., Mircea, C.G.R., Truta, A.M. , Constantinescu, H. (2024). Coniferous Trees as Bioinspiration for Designing Long Reinforced Prestressed Concrete Columns. <i>Biomimetics</i> , 9(3), 165. Nr. citări în jurnale ISI: 1, nr. autori articol citat: 4	(10/4*1)	2.50	https://drive.google.com/file/d/1W6pI6A35DQIYvRWBBbU2DGn1vF17u4vl/view?usp=drive_link
3. Stoian-Dod, R.L., Dan, C., Morar, I.M., Sestras, A.F., Truta, A.M. , Roman, G., Sestras, R. E. (2023). Seed germination within genus <i>Rosa</i> : The complexity of the process and influencing factors. <i>Horticulturae</i> , 9(8), 914. Nr. citări în jurnale ISI: 7, nr. autori articol citat: 7	(10/7*7)	10.00	https://drive.google.com/file/d/1uBilJf4_ijZDj-xvpYZA83LzR5r_XUD_/view?usp=drive_link
4. Socaciu, M.I., Semeniuc, C.A., Mureșan, E.A., Pușcaș, A., Tanislav, A., Ranga, F., Francisc Dulf, Emöke Páll, Alina M. Truta , Claudia Pașca, Daniel Severus Dezmirean, Mureșan, V. (2023). Characterization of some Fagaceae kernels nutritional composition for potential use as novel food ingredients. <i>Food Chemistry</i> , 406, 135053. Nr. citări în jurnale ISI: 2, nr. autori articol citat: 12	(10/12*2)	1.67	https://drive.google.com/file/d/1fIJZzwbFpWEONIGslpuTZdStY0tIreJG/view?usp=drive_link
5. Socaciu, M. I., Semeniuc, C. A., Tanislav, A. E., Mureșan, E. A., Pușcaș, A., Truța, A. M. , Mureșan, V. (2023). Formulation development and characterization of plant-based alternatives to pâté using forest ingredients. <i>Journal of Food Science and Technology</i> , 60(12), 3082-3093. Nr. citări în jurnale ISI: 2, nr. autori articol citat: 7	(10/7*2)	2.86	https://drive.google.com/file/d/1-MSAoXmV8C6L7vcM2eWzWSpV1t1cnvTs/view?usp=drive_link

6. Sîngeorzan, S. M., Holonec, L., Truta, A. M. , Morar, I. M., Dan, C., Colișar, A., Viman, O., Negrusier, C., Borsai, O., Criveanu, H., Vlasin, H.D., Păcurar, I. (2022). The influence of physical treatments on seed germination and seedling development of spruce (<i>Picea abies</i> [L.] Karst.). <i>Forests</i> , 13(9), 1498. Nr. citări în jurnale ISI: 5, nr. autori articol citat: 12	(10/12*5)	4.17	https://drive.google.com/file/d/1JRyqYw8oIr9y8qoBabynpogWY6bmIKgs/view?usp=drive_link
7. Roman, A. M., Truta, A. M. , Morar, I. M., Viman, O., Dan, C., Sestras, A. F., Holonec, L., Boscaiu, M., Sestras, R. E. (2022). From Seed to Seedling: Influence of Seed Geographic Provenance and Germination Treatments on Reproductive Material Represented by Seedlings of <i>Robinia pseudoacacia</i> . <i>Sustainability</i> , 14(9), 5654. Nr. citări în jurnale ISI: 3, nr. autori articol citat: 9	(10/9*3)	3.33	https://drive.google.com/file/d/1R91nyrBhjiiQJ4gGFZcGkMFL1z4CIZNK/view?usp=drive_link
8. Roman, A. M., Truta, A. M. , Viman, O., Morar, I. M., Spalevic, V., Dan, C., Sestras, R. E. Holonec, L., Sestras, A. F. (2022). Seed Germination and Seedling Growth of <i>Robinia pseudoacacia</i> Depending on the Origin of Different Geographic Provenances. <i>Diversity</i> , 14(1), 34. Nr. citări în jurnale ISI: 9, nr. autori articol citat: 9	(10/9*9)	10.00	https://drive.google.com/file/d/1LDqMag_pjw4MyQh-ZoJBQUUoBzAIMUeW/view?usp=drive_link
9. Holonec, R., Viman, O., Morar, I. M., Sîngeorzan, S., Scheau, C., Vlasin, H. D., Truta, P., Criveanu, H., Holonec, L., Truta, A.M. (2021). Non-chemical treatments to improve the seeds germination and plantlets growth of sessile oak. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 49(3). Nr. citări în jurnale ISI: 5, nr. autori articol citat: 10	(10/10*5)	5.00	https://drive.google.com/file/d/14R8xjGT3BTFvn1Fxdc_RIaBTP4pHnaeR/view?usp=drive_link
10. Andronie, L., Holonec, L., Ioana, P. O. P., Truta, A. M. , Odagiu, A., Sălăgean, T., Sobolu, R., Coroian, A., Balta, I., Balta, I., Suba, E. E. (2019). Antioxidant capacity of several Romanian forest fruits (<i>Rosa canina</i>	(10/11*12)	10.91	https://drive.google.com/file/d/1GEWx2tAl3uLqWNtMeTBMtuzMtoSC5DtW/view?usp=drive_link

L., Prunus spinosa L., Vaccium vitis-idaea L. and Cornus mas L.). Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 47(4), 1178-1184. Nr. citări în jurnale ISI: 12, nr. autori articol citat: 11			
11. Gramazio, P., Plesa, I. M., Truta, A. M. , Sestras, A. F., Vilanova, S., Plazas, M., Vicente, O., Boscaiu, M., Prohens, J., Sestras, R. E. (2018). Highly informative SSR genotyping reveals large genetic diversity and limited differentiation in European larch (Larix decidua) populations from Romania. Turkish Journal of Agriculture and Forestry, 42(3), 165-175. Nr. citări în jurnale ISI: 23, nr. autori articol citat: 10.	(10/10*23)	23.00	https://drive.google.com/file/d/1SFuPSbPt_n-uxencEKJa2ptK44zTBaTnD/view?usp=drive_link
12. Vilcan (Truta) A. , Mihalte, L., Sestras, A. F., Holonec, L., Sestras, R. E. (2017). Genetic variation and potential genetic resources of several Romanian larch populations. Turkish Journal of Agriculture and Forestry, 41(1), 82-91. Nr. citări în jurnale ISI: 7, nr. autori articol citat: 5.	(10/5*7)	14.00	https://drive.google.com/file/d/1-2MsuMx8oPCuxl5hSfLN3gcDB57GHfOO/view?usp=drive_link
13. Vilcan A. , Tăut I., Holonec L., Mihalte L., Sestras R.E. (2013). The variability of different larch provenances on the response to the attack of the main pests and fungal diseases. Trees Structure and Function. 27(3): 697-705. DOI 10.1007/s00468-012-0825-1. Nr. citări în jurnale ISI: 3, nr. autori articol citat: 4.	(10/4*3)	7.50	https://drive.google.com/file/d/1yLnhZZ56cOxvHaA-84_zW0rUMRauVWBn/view?usp=drive_link
14. Holonec L., Ranga F., Crainic D., Truța A. , Socaciu C. (2012). Evaluation of betulin and betulinic acid content in birch bark from different forestry areas of western carpathians. Notulae Botanicae Horti Agrobotanici Cluj-Napoca 40(2): 99-105. Nr. citări în jurnale ISI: 23, nr. autori articol citat: 5.	(10/5*23)	46.00	https://drive.google.com/file/d/1NHF8hmK1qINjl7R9umVGpVSZNLZL52wV/view?usp=drive_link
	TOTAL	142,94	
3.2. Citări în reviste și volumele conferințelor BDI			

Truța, A. M., Viman, O., Dohotar, V. D., Sîngeorzan, S., Truța, P., Holonec, L. (2020). The Influence of Certain Types of Substrate and Biochemical Substances in Seed Germination and Plant Development of Spruce (Picea abies). Bulletin of the University of Agricultural Sciences Veterinary Medicine Cluj-Napoca. Horticulture, 77(1):128-135, Nr. citări: 5, nr. autori articol citat: 6.	(5/6*5)	4.17	https://scholar.google.com/scholar?q=The+Influence+of+Certain+Types+of+Substrate+and+Biochemical+Substances+in+Seed+Germination+and+Plant+Development+of+Spruce+(Picea+abies)&hl=ro&as_sdt=0,5
Vîlcan A., Holonec L., Tăut I., Sestraș R.E. (2011). Variability of the traits of cones and seeds in different larch clones. I. The influence of the provenance. Bulletin USAMV, Horticulture 68(1): 474-480. Nr. citări: 14, nr. autori articol citat: 4.	(5/4*14)	17.50	https://scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=Variability+of+the+traits+of+cones+and+seeds+in+different+larch+clones.+I.+The+influence+of+the+provenance&btnG=
Vîlcan A., Holonec L., Tăut I., Sestraș R.E. (2011). Variability of the traits of cones and seeds in different larch clones. II. The energy and capacity of germination of seeds. Bulletin USAMV, Horticulture 68(1): 481-487. Nr. citări: 10, nr. autori articol citat: 4.	(5/4*10)	12.50	https://scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=Variability+of+the+traits+of+cones+and+seeds+in+different+larch+clones.+II.+The+energy+and+capacity+of+germination+of+seeds.&btnG=
Roman, A. M., Morar, I. M., Truța, A. M., Dan, C., Sestras, A. F., Holonec, L., Ioraș, F., Sestras, R. E. (2020). Trees, seeds and seedlings analyses in the process of obtaining a quality planting material for black locust (Robinia pseudoacacia L.). Notulae Scientia Biologicae, 12(4):940-958. Nr. citări: 5, nr. autori articol citat: 8.	(5/8*5)	3.13	https://scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=Trees%2C+seeds+and+seedlings+analyses+in+the+process+of+obtaining+a+quality+planting+material+for+black+locust+%28Robinia+pseudoacacia+L.%29.+&btnG=
Plesa, I., Dan, C., Truța, A., Holonec, L., Sestras, A. F., Boscaiu, M., Sestras, R.E. (2017). Spruce trees growth and forest landscape depending on microstational factors and ecological conditions. Notulae Scientia Biologicae, 9(4):582-588. Nr. citări: 3, nr. autori articol citat: 7.	(5/7*3)	2.14	https://scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=Spruce+trees+growth+and+forest+landscape+depending+on+microstational+factors+and+ecological+conditions.&btnG=
	TOTAL	39.44	

3.4. Membru in colectivele de redactie sau comitete stiintifice ale revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice			
3.4.1. ISI: Punctaj unic pentru fiecare activitate (15)			
Notulae Botanicae Horti Agrobotanici Cluj-Napoca - Editorial Board	(15)	15.00	https://www.notulaebotanicae.ro/index.php/nbha/about/editorialTeam
3.4.2. BDI: Punctaj unic pentru fiecare activitate (10)			
Notulae Scientia Biologicae - Editorial Board	(10)	10.00	https://www.notulaebiologicae.ro/index.php/nsb/about/editorialTeam
	TOTAL	25.00	
3.5.1. Recenzor pentru reviste si manifestari stiintifice nationale si internationale indexate ISI			
Punctaj unic pentru fiecare activitate (10)			
Life – MDPI – 2023 (1 articole)	(10)	10.00	https://drive.google.com/file/d/1vRxM1AveeVkuBYY8-Fpg-Om5gLvcdUsY/view?usp=drive_link
Agronomy – MDPI- 2023 (1 articole)	(10)	10.00	https://drive.google.com/file/d/1pY-2-v1oWD0WVCvOIIm10yb9Z7dCpki8/view?usp=drive_link
Sustainability – MDPI – 2023 (1 articole)	(10)	10.00	https://drive.google.com/file/d/1Y9Cdn2URsAKw76JOub67gVaUQrYYpso3/view?usp=drive_link
Forests – MDPI – 2023 (3 articole)	(10)	30.00	https://drive.google.com/file/d/1CgkDHRsWb1hq8CRdwVTm7WyRLrCFLU2d/view?usp=drive_link
Notulae Botanicae Horti Agrobotanici Cluj-Napoca – 2023 (9 articole)	(10)	90.00	https://drive.google.com/file/d/1Nt4etW7Zd7FsJDT75kOeFyABDMD0ZWib/view?usp=drive_link
Forests – 2022 (2 articole)	(10)	20.00	https://drive.google.com/file/d/1XKM5CVHuuhqQs1A5V9NEMkCa_fHKZKJG/view?usp=drive_link
Genes- 2022 (1 articol)	(10)	10.00	https://drive.google.com/file/d/1fYIpWHc5sWmx4ZyWYesxZErw9ZuJmIqR/view?usp=drive_link

Notulae Botanicae Horti Agrobotanici Cluj-Napoca – 2022 (4 articole)	(10)	40.00	https://drive.google.com/file/d/1-Rl9OMem8SDHwmE1NI9t5hXwje6_dWy/view?usp=drive_link
Notulae Botanicae Horti Agrobotanici Cluj-Napoca – 2021 (5 articole)	(10)	50.00	https://drive.google.com/file/d/1QmSqtJbOsxSbKV_GoLbMUuFDrRyC2VmO/view?usp=drive_link
Notulae Botanicae Horti Agrobotanici Cluj-Napoca – 2020 (1 articol)	(10)	10.00	https://drive.google.com/file/d/1mO_6tD6UhF5Viq9CTIRhqPcQkFlR350O/view?usp=drive_link
Notulae Botanicae Horti Agrobotanici Cluj-Napoca – 2019 (1 articol)	(10)	10.00	https://drive.google.com/file/d/1uSBk5SlDE5ZXp3ZkAtX_ukDe7Rrk7ZOz/view?usp=drive_link
Notulae Botanicae Horti Agrobotanici Cluj-Napoca – 2018 (1 articol)	(10)	10.00	https://drive.google.com/file/d/1NRFGmS0s9r_xn81Zy8n_zCEtwLz5N2sM/view?usp=drive_link
	TOTAL	300	
3.5.2. Recenzor pentru reviste si manifestari stiintifice BDI			
Punctaj unic pentru fiecare activitate (5)			
Nova Geodesia – 2023 (5 articole)	(5)	25.00	https://drive.google.com/file/d/13fajNiC3JNOBl5MvmWlEimBw9WH_luqc/view?usp=drive_link
Notulae Scientia Biologicae – 2023 (7 articole)	(5)	35.00	https://drive.google.com/file/d/1-uiHbCnveYljUf7R1uKvcjfKeGyLe2F7/view?usp=drive_link
Bulletin of the UASVM Cluj-Napoca Horticulture – 2023 (2 articole) (2 articole)	(5)	10.00	https://drive.google.com/file/d/1NrdZmFfDEk7wVDlwTTkIJPGz0mRmx11d/view?usp=drive_link
Notulae Scientia Biologicae – 2022 (4 articole)	(5)	20.00	https://drive.google.com/file/d/1Xy84VzgYoBLYj_OF5gqS7HTGXMNS6Q7y/view?usp=drive_link
Notulae Scientia Biologicae – 2021 (5 articole)	(5)	25.00	https://drive.google.com/file/d/16Wmf24h9Fij_fEl_qJQvrrlTxexLE0J2/view?usp=drive_link

Bulletin of the UASVM Cluj-Napoca Horticulture – 2020 (1 articol)	(5)	5.00	https://drive.google.com/file/d/12FHRNDPtgrf5vfgetHCDIIL7PB--SSit/view?usp=drive_link
Notulae Scientia Biologicae – 2020 (1 articol)	(5)	5.00	https://drive.google.com/file/d/18KsjdvVZA4wLwqDDFYup_7NlzTn1MYUW/view?usp=drive_link
Notulae Scientia Biologicae – 2019 (1 articol)	(5)	5.00	https://drive.google.com/file/d/1oemyXgPXIJAENoBJsIZw7_JYA0zyuIf/view?usp=drive_link
Bulletin of the UASVM Cluj-Napoca Horticulture – 2018 (1 articol)	(5)	5.00	https://drive.google.com/file/d/1_Oeq5IzbNmvHfC4h8w-Ot9k-BTeP_Wfw/view?usp=drive_link
Notulae Scientia Biologicae – 2018 (1 articol)	(5)	5.00	https://drive.google.com/file/d/11YyJUywp_srdFJrJSeQl7ykIG3G2B2xMf/view?usp=drive_link
TOTAL		140.00	
3.6. Referent în comisii de doctorat			
Referent comisie doctorat națională: Studii privind entomofauna din pajiștile situate în depresiunea Bilbor, județul Harghita, și elaborarea planurilor de conservare a biodiversității, doctorand Hângan Ilie-Daniel, anul: 2024, USAMV Cluj-Napoca, nr.comisii: 1	(5*1)	5.00	https://drive.google.com/file/d/1-DzNzCqfhg18ImFwjght9b-NN50upQhD/view?usp=drive_link
TOTAL		5.00	
TOTAL A3		652.38	
TOTAL CRITERII	A1	131.54	
	A2	407.94	
	A3	652.38	
TOTAL GENERAL		1191.86	

Conf. dr. ing. Truța Maria Alina