Anexa nr. 14 – COMISIA DE INGINERIA RESURSELOR VEGETALE ȘI ANIMALE

OM 6129/2016

UNIVERSITATEA DIN CRAIOVA
FACULTATEA DE AGRONOMIE
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FIŞA INDIVIDUALĂ DE EVALUARE

STANDARDE MINIMALE NECESARE ŞI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂŢĂMÂNTUL SUPERIOR ŞI A GRADELOR PROFESIONALE DE CERCETARE – DEZVOLTARE

1. Structura activităţii candidatului

Nr. crt.	Domeniul activităţilor	Tipul activităţilor	Categorii şi restricţii	Subcategorii	Indicatori (kpi)	Punctaj
0	1	2	3	4	5	
1	Activitatea didactică/profesională (A1)	1.1 Cărţi şi capitole în cărţi de specialitate	1.1.1 Cărţi cu ISBN/capitole ca autor, pentru Profesor minimum 2 în calitate de prim autor; cel puţin o lucrare publicată după ultima promovare sau în ultimii 5 ani; pentru Conferenţiar minimum 1 carte/capitol în calitate de prim autor, CS I şi CS II fără restricţii; Pentru abilitare - aceleaşi condiţii ca la profesor	1.1.1.1 internaţionale	nr. pagini/ (2*nr. autori)	
				1.1.1.2 naţionale	nr. pagini/ (5*nr. autori)	
			1.1.2 Cărţi/capitole de cărţi ca editor/coordonator	1.1.2.1 internaţionale	nr. pagini/ (3*nr. autori)	
				1.1.2.2 naţionale	nr. pagini/ (7*nr. autori)	

		1.2 Suport didactic	1.2.1 Manuale, suport de curs inclusiv electronic - fără restricţii		nr. pagini/ 8*nr. autori)	
			1.2.2 Îndrumare de laborator/aplicaţii - fără restricţii		nr. pagini/ (8* nr. autori)	
		1.3 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, ERASMUS, sa)	Punctaj unic pentru fiecare activitate		15	
		1.1.				
		1.1.1.2. Cărți în edituri naționale - Calcul nr. pagini/(5*nr. autori)			nr. pagini/ (5*nr. autori)	
		Îndrumător de lucrări practice şi de elaborare a proiectului de combatere a eroziunii solului, **Bălan Mihaela,** Edit. Sitech, Craiova, 2013, ISBN 978-606-11-3693-3, 128p			128/5	25,6
		Îmbunătăţiri funciare I+II - Manual Universitar pentru învăţmântul cu frecvenţă redusă, **Bălan Mihaela,** Edit. Sitech, Craiova, 2020, ISBN 978-606-11-6475-2, **1**91 p			191/5	38,2
		Starea de calitate a unor soluri erodate din Judetul Gorj, **Bălan Mihaela,** Edit. Sitech, Craiova, 2024, ISBN 975-606-11-8642-6, 400 pag.			394/5	78,80
		1.2.				
		1.2.1 Manuale, suport de curs inclusiv electronic - Calcul nr. pagini/ 8*nr. autori)				

		1.3 Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, ERASMUS, sa)				
TOTAL A1						**142,60**
2	Activitatea de cercetare (A2)	2.1 Articole *in extenso* în reviste cotate Thomson Reuters, în volume proceedings indexate Thomson-Reuters şi brevete de invenţie indexate Web of Science - Derwent	2.1.1 Profesor/CS I: Minimum 8 articole, din care minimum 4 în reviste cotate ISI; la 4 dintre lucrări [dintre care 2 ISI cotate) să fie autor principal/corespondent/coordonator (ultim autor - doar dacă este conducător de doctorat)(2). Cel puţin 3 lucrări să fie publicate după ultima promovare sau în ultimii 5 ani.		(35+20*factor impact(1))/nr. autori	
			2.1.2 Conferenţiar/CS II: Minimum 5 articole, din care minimum 3 în reviste ISI cotate; la 3 dintre lucrări (dintre care 1 ISI cotată) să fie autor principal/corespondent/coordonator (ultim autor - doar dacă este conducător de doctorat)2). Cel puţin 2 lucrări să fie publicate după ultima promovare sau în ultimii 5 ani.			
		2.2 Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI(3))	2.2.1 Profesor/CS I: Minimum 15 articole		15/nr. autori	
			2.2.2 Conferenţiar/CS II: Minimum 10 articole			
				2.3.1 internaţionale	40/nr. autori	

		2.3 Proprietate intelectuală, brevete de invenţie, tehnologii şi produse omologate (soiuri, hibrid, rase, etc.)		2.3.2 naţionale	30/nr. autori	
		2.4 Granturi/proiecte câştigate prin competiţie inclusiv proiecte de cercetare/consultanţă (valoare de minim 10 000 Euro echivalenţi)(3)	2.4.1 Director/responsabil partener proiect - Minimum 2 pentru Profesor/CS I; Minimum 1 pentru Conferenţiar/CS II	2.4.1.1 internaţionale	20 * ani de desfăşurare	
				2.4.1.2 naţionale	10 * ani de desfăşurare	
			2.4.2 Membru în echipă	2.4.2.1. internaţionale	4 * ani de desfăşurare	
				2.4.2.2 nationale	2*ani de desfasurare	
		2.1. Articole in extenso în reviste cotate Thomson Reuters, în volume proceedings indexate Thomson-Reuters şi brevete de invenţie indexate Web of Science – Derwent			(35+20*factor impact(1))/nr. autori	
	1.	**Balan Mihaela,** Popescu C., Nitu OA. **– 2024**. *Agroproductive differences between two luvosol units at the Preajba Gorj Experimental Center, Romania.* Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 24, Issue 2, p 145-156, PRINT ISSN 2284-7995 E-ISSN 2285-3952. WOS:001264962000014 https://managementjournal.usamv.ro/pdf/vol.24_2/volume_24_2_2024.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001264962000014 **Impact factor 2024: 0,9**			(35+20*0,9)/3*2	35,33
	2.	Popescu C., **Balan Mihaela (corresponding author) -2024**. *Evaluation through natural bonitation work of the soils in the zone of confluence of Dolj and Mehedinti Counties and the estimation of crop plant productions specific to the area.* Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 24, Issue 2, p 809-816, PRINT ISSN 2284-7995 E-ISSN 2285-3952. WOS:001264962000108 https://managementjournal.usamv.ro/pdf/vol.24_2/volume_24_2_2024.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001264962000108 **Impact factor 2024: 0,9**			(35+20*0.9)/2*2	53
	3.	**Balan Mihaela**, Popescu C., Nitu OA. **– 2024**. *The evolution of soil agrochemical properties, under the influence of mineral fertilisation and water erosion, on a natural grassland located at the Preajba Experimental Centre in the Gorj County.* Scientific Papers. Series A. Agronomy, Vol. LXVII, Issue 1, p 25-31, ISSN 2285-5785, E-ISSN 2285-5807. WOS:001305979800002 https://agronomyjournal.usamv.ro/pdf/2024/issue_1/Art2.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001305979800002 **Impact factor 2024: 0,6**			(35+20*0,6)/3*2	31,33

	4.	Popescu C., **Balan Mihaela** (**corresponding author**), Badescu G. – **2024.** *The influence of modeling works on protosoils with specific genetic bedrock, in the characteristic relief area of Dolj County.* Scientific Papers. Series A. Agronomy, Vol. LXVII, Issue 1, p 173-181 ISSN 2285-5785. WOS:001305979800021 https://agronomyjournal.usamv.ro/pdf/2024/issue_1/Art21.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001305979800021 **Impact factor 2024: 0,6**			(35+20*0,6)/3*2	31,33
	5.	Nitu OA., Gheorghe M., Ivan ES., **Balan Mihaela** (**corresponding author**) - **2024**. Optimizing drip irrigation yield in grain maize cultivation in Eastern Romania. Scientific Papers. Series A. Agronomy, Vol. LXVII, Issue 2, p 307-313, Print ISSN 2285-5785 E-ISSN 2285-5807. WOS:001369756100042 https://agronomyjournal.usamv.ro/pdf/2024/issue_2/Art42.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001369756100042 **Impact factor 2024: 0,6**			(35+20*0,6)/4*2	23,5
	6.	**BALAN Mihaela,** POPESCU C. – **2024. Study on the soils of the Gorj County and the limiting factors of their quality, in order to improve them** Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol. XIII, p 283-292, Print ISSN 2285-6064. WOS:001411932400027 https://landreclamationjournal.usamv.ro/pdf/2024/Art32.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001411932400027 **Impact factor 2024: 0,6**			(35+20*0,6)/2*2	47
	7.	Popescu C., **Balan Mihaela (corresponding author)**, Cioboata M.N. – **2024**. Wather erosion of soils in the hilly area of Dolj County- assesment control and alleviation methods, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol. XIII, p 348-355, Print ISSN 2285-6064. https://landreclamationjournal.usamv.ro/pdf/2024/Art40.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001411932900007 WOS:001411932900007 **Impact factor 2024: 0,6**			(35+20*0,6)/3*2	31,33
	8.	Panzaru RL, Medelete DM, Stefan G, **Balan Mihaela -2023**. *The integration of Romania into the European Union market of sunflower seeds.* Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 23, Issue 4, p 609-618, PRINT ISSN 2284-7995 E-ISSN 2285-3952. WOS:001137127700041 https://managementjournal.usamv.ro/pdf/vol.23_4/volume_23_4_2023.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001137127700041 **Impact factor 2023: 1**			(35+20*1)/4	13,75
	9.	**Balan Mihaela**, Nitu OA - **2025.** Study on land affected by erosion in Gorj county. Scientific Papers. Series A. Agronomy, Vol. LXVIII, No. 1, P 17-24, ISSN 2285-5785. WOS:001598862000001 https://agronomyjournal.usamv.ro/pdf/2025/issue_1/Art1.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001598862000001 **Impact factor 2025: 0,6**			(35+20*0,6)/2*2	47

	10.	Nitu OA., Jerca IO., **Balan Mihaela, (corresponding author)**, Ivan E.S. - 2025. Water use efficiency in irrigated agriculture in Romania: optimization strategies in the context of climate change. Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIV, P 705-710, Print ISSN 2285-6064. WOS:001693457100019 https://landreclamationjournal.usamv.ro/pdf/2025/Art81.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:001693457100019 **Impact factor 2025: 0,6**			(35+20*0,6)/4*2	23,5
		Total A 2.1				337,07
		2.2 Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI)			15/nr. autori	
	1.	**Bălan Mihaela – 2025. S**tudy on the evolution and dynamics of anti-erosional managed areas at national level across diverse land use categories. Analele Universităţii din Craiova, seria Agricultură – Montanologie –Cadastru (Annals of the University of Craiova -Agriculture,Montanology, Cadastre Series)Vol. 55/1, p. 23-31. **DOI:** https://doi.org/10.52846/aamc.v55i1.1657 https://anale.agro-craiova.ro/index.php/aamc/article/view/1657/1555			15:1 *2	30
	2.	**Bălan Mihaela – 2024**. *Study on the areas arranged for irrigation, as well as those actually irrigated, at the national level.* Analele Universităţii din Craiova, seria Agricultură –Montanologie –Cadastru (Annals of the University of Craiova -Agriculture,Montanology, Cadastre Series)Vol. 54/1/2024, p. 334-341. **DOI:** https://doi.org/10.52846/aamc.v54i1.1580 https://anale.agro-craiova.ro/index.php/aamc/article/view/1580/1495			15:1*2	30
	3.	**Bălan Mihaela – 2023.** *Properties of typical districambosol soil under the influence of surface erosion.* Analele Universităţii din Craiova, seria Agricultură –Montanologie –Cadastru (Annals of the University of Craiova -Agriculture,Montanology, Cadastre Series) Vol.53/1/2023, p. 332-339. https://doi.org/10.52846/aamc.v53i1.1484 https://anale.agro-craiova.ro/index.php/aamc/article/view/1484/1406			15:1 *2	30
	4.	**Bălan Mihaela**, Popescu C. **-2022**. *Study regarding excess moisture lands and the development of arrangements to remove it.* Analele Universităţii din Craiova, seria Agricultură –Montanologie – Cadastru (Annals of the University of Craiova -Agriculture,Montanology, Cadastre Series), Vol. 52 No. 1 (2022), p. 366-371. https://doi.org/10.52846/aamc.v52i1.1360 https://anale.agro-craiova.ro/index.php/aamc/article/view/1360/1279			15:2 *2	15
	5.	**Bălan Mihaela – 2021.** *Study on the soils of Gorj County and their quality*. Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. 51/1/2021, p..199-206,			15:1 *2	30

		https://anale.agro-craiova.ro/index.php/aamc/article/view/1276/1205 https://anale.agro-craiova.ro/index.php/aamc/issue/view/23				
	6.	**Bălan Mihaela – 2020.** *Study on the situation of anti-erosionally arranged lands for south-west Oltenia Region*. AnaleleUniversităţii din Craiova, seriaAgricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. 50/1/2020, p. 248-253, https://anale.agro-craiova.ro/index.php/aamc/article/view/1063/998 https://anale.agro-craiova.ro/index.php/aamc/issue/view/21			15:1 *2	30
	7.	**Bălan Mihaela** – **2019**. *The evolution of some types of soil under the influence of surface erosion*. Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. 49/2/2019, p.235-242 https://anale.agro-craiova.ro/index.php/aamc/article/view/956/904 https://anale.agro-craiova.ro/index.php/aamc/issue/view/20			15:1 *2	30
	8.	**Bălan Mihaela -2017.** „Researches on the evolution of soil main chemical indicators under the influence of different crops, soil water erosion and fertilization on typical luvosoil from Experimental field Preajba, Gorj County", Analele Universităţii din Craiova, seria Agricultură –Montanologie – Cadastru (Annals of the University of Craiova -Agriculture, Montanology, Cadastre Series)Vol. XLVII/1/2017, p.260-267; https://anale.agro-craiova.ro/index.php/aamc/article/view/590/551 https://anale.agro-craiova.ro/index.php/aamc/issue/view/11			15:1 *2	30
	9.	Popescu C., **Bălan Mihaela, - 2017** „The natural genesis conditions of soi land its types from the south western part of Dolj District, Piscu Vechi and Ghidici zone", Analele Universităţii din Craiova, seria Agricultură –Montanologie –Cadastru (Annals of the University of Craiova -Agriculture, Montanology, Cadastre Series), Vol. XLVII/1/2017, p. 368-373; https://anale.agro-craiova.ro/index.php/aamc/article/view/606/567 https://anale.agro-craiova.ro/index.php/aamc/issue/view/11			15:2	7,5
	10.	**Bălan Mihaela**, Pătru Fl**. - 2013**.*The influence of fertilizers on corn yield on slope soil affected by surface erosion*. Analele Universităţii din Craiova, seria Agricultură –Montanologie –Cadastru (Annals of the University of Craiova -Agriculture, Montanology, Cadastre Series) Vol. XLIII /1/2013, p 19 – 24; https://anale.agro-craiova.ro/index.php/aamc/article/view/3/3 https://anale.agro-craiova.ro/index.php/aamc/issue/view/1			15:2 *2	15
	11.	**Bălan Mihaela**, Pătru Fl. **– 2013.** *The influence of fertilizers on hay production on sloppy soils affected by surface erosion*. Analele Universităţii din Craiova, seria Agricultură –Montanologie –Cadastru (Annals of the University of Craiova -Agriculture, Montanology, Cadastre Series)Vol. XLIII /1/2013, p. 25 – 30; https://anale.agro-craiova.ro/index.php/aamc/article/view/4/4 https://anale.agro-craiova.ro/index.php/aamc/issue/view/1			15:2 *2	15
	12.	**Bălan Mihaela**, Popescu CV., Pătru Fl., Susinski M -2012. *Soil losses through water erosion at the Preajba Gorj Reseach Station*. Analele Universitatii din Craiova, seria Agricultura – Montanologie – Cadastru Vol. XLII/1/2012, ISSN 1841-8317, p. 283 – 287. https://anale.agro-craiova.ro/index.php/aamc/article/view/1783			15:4 *2	7,5

	13.	**Bălan Mihaela**, Popescu CV., Pătru Fl., Susinski M. – 2012. *The evolution of the humus and nutrients losses through water erosion in 2007.* Analele Universitatii din Craiova, seria Agricultura – Montanologie – Cadastru Vol. XLII/1/2012, ISSN 1841-8317, p. 288 – 291. https://anale.agro-craiova.ro/index.php/aamc/article/view/1783 https://anale.agro-craiova.ro/index.php/aamc/article/view/1783/1674			15:4 *2	7,5
	14.	***Bălan Mihaela*** – 2010. *The soil losses by erosion in Preajba zone, District Gorj,under the influence of clime, human activity and vegetation.* Analele Universitatii din Craiova, seria Agricultura – Montanologie – Cadastru Vol. XL/1/ 2010, ISSN 1841-8317, p. 294 – 297. https://anale.agro-craiova.ro/index.php/aamc/article/view/1783			15:1 *2	30
	15.	**Bălan Mihaela** -2008. *The evolution of certain agro-chemical values within certain experiments with corn, natural lawn and seeded lawn from the Experimental Center Preajba Gorj, in the second and third year of experimenting*., Analele Universitatii din Craiova, seria Agricultura – Montanologie – Cadastru, Simpozionul "Agricultura durabila, agricultura viitorului", vol. XXXVIII/A/2008, p. 311-314, ISSN 1841-8317; http://cis01.central.ucv.ro/analele_universitatii/agricultura/2008/vol_XXXVIII_A_2008.pdf			15:1 *2	30
		Total A 2.2				337,5
		2.3 Proprietate intelectuală, brevete de invenţie, tehnologii şi produse omologate (soiuri, hibrid, rase, etc.)				
		2.4 Granturi/proiecte câştigate prin competiţie inclusiv proiecte de cercetare/consultanţă (valoare de minim 10 000 Euro echivalenţi)				
		2.4.1.2. Director/responsabil partener proiect - Minimum 2 pentru Profesor/CS I; Minimum 1 pentru Conferenţiar/CS II			10 * ani de desfăşurare	
		Starea de calitate a unor soluri erodate din judeţul Gorj, Contract MEC CNCSIS, tip TD, nr. 27 GR / 11.05.2007, 65 GR / 11.06.2008, cod CNCSIS 172, perioadă de derulare: 2007-2008, valoare de **58000 lei (aproximativ 18000 euro).** **Director de contract**			10*2	20
		2.4.2.1. Membru în echipe internationale			4 * ani de desfăşurare	
		2.4.2.2 Membru în echipe nationale			2*ani de desfasurare	
		Monitoringul calităţii solurilor din judeţul Dolj. Contract MEC CNCSIS, tip AT, nr. 27 GR / 11.05.2007, cod CNCSIS 110, perioadă de derulare: 2007-2008, valoare de 1**55000 lei** **Membru în echipa de cercetare**			2*2	4
		Contract Cercetare Dezvoltare Inovare 257/.2019-2022: Proiect ROSE, sub-proiect "Construiește-ți viitorul alături de noi", AG 257/SGU/NC/II din 29.11.2019, Ministerul Educației și Cercetării, prin			2*3	6

		Unitatea de Management al Proiectelor cu Finanțare Externă (MEC-UMPFE), Str. Spiru Haret, nr.12, sector 1 București, 150.000 euro, **membru echipă**				
		Total A 2.3 - 2.4				30
TOTAL A2						**704,57**
3	Recunoaşterea şi impactul activităţii (A3)	3.1 Citări în reviste ISI şi volumele conferinţelor indexate WOS[4]			10/nr. autori ai articolului citat x nr. citări	
		3.2 Citări în reviste şi volumele conferinţelor BDI[4] [5]			5/nr. autori al articolului citat x nr. citări	
		3.3 Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi Profesor invitat (exclusiv POS, ERASMUS)	Punctaj unic pentru fiecare activitate	3.3.1 internaţionale	20	
				3.3.2 naţionale	5	
		3.4 Membru în colective de redacţie sau comitete ştiinţifice ale revistelor şi manifestărilor ştiinţifice, Organizator de manifestări ştiinţifice		3.4.1 ISI	15	
				3.4.2 BDI	10	
				3.4.3 Naţionale şi internaţionale neindexate	5	
		3.5 Recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale (punctajul se acordă pentru fiecare revistă şi manifestare ştiinţifică o singură dată/an, indiferent de numărul recenziilor)		3.5.1 ISI	10	
				3.5.2 BDI	5	
		3.6 Referent în comisii de doctorat		3.6.1 internaţionale	10 x nr. comisii	
				3.6.2 naţionale	5 x nr. comisii	
		3.7 Premii		Academia Română	30	
				ASAS, AOSR, academii de ramură şi CNCS	15	
				Premii internaţionale	10	
				Premii naţionale în domeniu	5	
		3.8 Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării	3.8.1 Academia Română		100	
			3.8.2 ASAS, AOSR şi academii de ramură		30	
			3.8.3 Conducere asociaţii profesionale	internaţionale	30	
				naţionale	10	
			3.8.4 Asociaţii profesionale	internaţionale	5	
				naţionale	2	

			3.8.5 Consilii şi organizaţii în domeniul educaţiei şi cercetării	conducere	15	
				membru	10	
		3.1 Citări în reviste ISI şi volumele conferinţelor indexate WOS(4)			10/nr. autori ai articolului citat x nr. citări	
	1.	**ARTICOL CITAT:** **Bălan Mihaela**. 2017. Researches on the evolution of soil main chemicals indicators under the influence of different crops, soil water erosion and fertilization on typical luvosoil from experimental field Preajba, Gorj Country. Annals of the University of CraiovaAgriculture, Montanology, Cadastre Series, vol. XLVII (2), p. 260-267. **CITAT ÎN:** *1.* Dorina Bonea (2024). Genome editing techniques: applications in wheat breeding. *Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 24, Issue 2, 2024 PRINT ISSN 2284-7995, E-ISSN 2285-3952* https://www.webofscience.com/wos/woscc/full-record/WOS:001264962000020 https://managementjournal.usamv.ro/pdf/vol.24_2/Art19.pdf			10/1*1	10
	2.	**ARTICOL CITAT:** Panzaru, Radu Lucian, Medelete, Dragos Mihai, Stefan, Gavril, **Balan Mihaela.** 2023. *The integration of Romania into the European Union market of sunflower seeds.* Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 23, Issue 4, p. 609-618, PRINT ISSN 2284-7995, E-ISSN 2285-3952. **CITAT ÎN**: 1. Emil Georgescu, Maria Toader, Lidia Cană, Luxița Rîșnoveanu (2024). Research concerning possible alternatives at seed treatment with neonicotinoids for controlling the Tanymecus dilaticollis gyll attack at sunflower crops. Scientific Papers. Series A. Agronomy, Vol. LXVII, No. 1, 2024 ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785 https://www.webofscience.com/wos/woscc/summary/00274fa6-96cf-4f6e-9017-d8a5e09a9dd1-0188319594/date-descending/1 https://agronomyjournal.usamv.ro/pdf/2024/issue_1/Art50.pdf 2. Buzna, C., Horablaga, M.N., , Jurjescu, A.L., Sala, F. (2024) Comparative study of seeds agronomic attributes and of yield in some sunflower genotypes. *Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 24, Issue 4, **ISSN** 2284-7995* https://www.webofscience.com/wos/woscc/summary/00274fa6-96cf-4f6e-9017-d8a5e09a9dd1-0188319594/date-descending/1 https://managementjournal.usamv.ro/pdf/vol.24_4/Art13.pdf 3. Chivu, M ., Stanciu, S. (2024) The sunflower oil market in Romania: trends and perspectives from the processing industry. *Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 24, Issue 4, **ISSN** 2284-7995*			10/4*3	7,5

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	7.	**ARTICOL CITAT:** Niţu,O.A.,Jerca O.I., **Bălan M.** 2024. Drip irrigation efficiency in soybean cultivation in southeast Romania, a sustainable, a sustainable approach to water management. Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIII, 585-591 **CITAT ÎN:** 1. Popescu C., (2025). The alluvial soils of the lower Jiu floodplain and their main agroproductive properties. Scientific Papers. Series A. Agronomy, Vol. LXVIII, No. 2, 166-177, ISSN 2285-5785 https://www.webofscience.com/wos/woscc/summary/33d13c9d-6ae6-40b6-9f0a-03ab06aef85e-01a9409b55/date-descending/1 https://agronomyjournal.usamv.ro/pdf/2025/issue_2/Art19.pdf			10/3*1	3,33
	8.	**ARTICOL CITAT:** Cristian POPESCU, **Mihaela BĂLAN.** 2024. Evaluation through natural bonitation work of the soils in the zone of confluence of Dolj and Mehedinti Counties, Romania and the estimation of crop plant productions specific to the area. Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 24, Issue 2, 809-816, PRINT ISSN 2284-7995, E-ISSN 2285-3952 **CITAT ÎN:** 1. Popescu C., (2025). The alluvial soils of the lower Jiu floodplain and their main agroproductive properties. Scientific Papers. Series A. Agronomy, Vol. LXVIII, No. 2, 166-177, ISSN 2285-5785 https://agronomyjournal.usamv.ro/pdf/2025/issue_2/Art19.pdf 2. Prioteasa MA., Olaru AL., Paraschivu M., (2025). The influence of sowing depth and of precipitations above the qality and the yield of autumn wheat in Boianului's			10/2*2	10

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		TOTAL A 3.1				81,66
		3.2 Citări în reviste şi volumele conferinţelor BDI(4) (5)			5/nr. autori al articolului citat x nr. citări	
	1.	**ARTICOL CITAT:** **Bălan Mihaela**, Nițu O. A., Popescu C. 2024. The evolution of soil agrochemical properties, under the influence of mineral fertilisation and water erosion, on a natural grassland located at the Preajba Experimental Centre in the Gorj County. Scientific Papers. Series A. Agronomy, Vol.67, issue 1, p 25-31, PRINT ISSN 2285-5785. **CITAT ÎN:** 1. Dorina Bonea (2024): Genome-edited foods available on the market. Annals of the University of Craiova- Agriculture, Montanology, Cadastre Series Vol. 54/1/2024, p 48-54 https://scholar.google.com/scholar?oi=bibs&hl=en&cites=482450352764508151 https://anale.agro-craiova.ro/index.php/aamc/article/view/1535/1454 2. D. Maria, R. Soare, B.E. Soare (2024): The morphological and productive characterization of some kale genotypes. Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series Vol. 54/1/2024 https://anale.agro-craiova.ro/index.php/aamc/article/view/1546 https://scholar.google.com/scholar?oi=bibs&hl=en&cites=482450352764508151 3. Irina-Adriana Chiurciu, Daniela Dana Tore Krogstad, Aurelia Ioana Chereji, Valentina Voicu, Andreea Roxana Firatoiu (2024) : Study on nutrient losses in the standard erosion control plots from Preajba Experimental point, Gorj. Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series Vol. 54/1/2024 https://anale.agro-craiova.ro/index.php/aamc/article/view/1577/1492 https://scholar.google.com/scholar?oi=bibs&hl=en&cites=482450352764508151 4. Paula Iancu, Ovidiu Păniță, Marin Soare, - 2024. Pollen grains of different deciduous trees. Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. 54//2024 https://anale.agro-craiova.ro/index.php/aamc/article/view/1568/1483 5. Dana, D., Mihai, T., Krogstad, T., Calin, A. M., Ionela, C., Cecan, M. V. C. D., & Fieraru, M. T. (2025) Characterization of the stagnant albic luvosoil from the Preajba-Gorj Experimental Center. Annals of the University of Oradea, Fascicle: Ecotoxicology, Animal Science and Food Science and Technology. https://protmed.uoradea.ro/nou/images/Publicatii/Ecotox/2025A/Agroturim/12. Dana.pdf https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=482450352764508151			5/3*5	8,33
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	8.	ARTICOL CITAT: Panzaru, Radu Lucian, Medelete, Dragos Mihai, Stefan, Gavril, **Balan Mihaela**. 2023. The integration of Romania into the European Union market of sunflower seeds. Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 23, Issue 4, p. 609-618, PRINT ISSN 2284-7995, E-ISSN 2285-3952. CITAT ÎN: 1. POPESCU, C. (2024). Surface erosion and influence them on the properties and productive capacity on the sloping lands in the South-Western area of Oltenia. *Annals of the University of Craiova-Agriculture Montanology Cadastre Series*, *54*(1), 410-415. https://anale.agro-craiova.ro/index.php/aamc/article/view/1610/1521 https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=3268357294001922622			5/3*1	1,66
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	10.	ARTICOL CITAT: **Mihaela Balan**, C. Popescu, 2024. Study on the soils of the Gorj County and the limiting factors of their quality, in order to improve them Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Vol. XIII, p 283-292 CITAT ÎN: 1. Bonea, D. (2024). Genome-edited foods available on the market. *" Annals of the University of Craiova-Agriculture Montanology Cadastre Series"*, *54*(1), 48-54. https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=3644846479173755319 2. Nițu, O. A., Ivan, E. Ş., & Jerca, I. O. (2024). The efficiency of irrigation in corn cultivation under the impact of climate change in southeastern Romania: adaptation and optimization. a review. *" Annals of the University of Craiova-Agriculture Montanology Cadastre Series"*, *54*(1), 388-392.			5/2*2	5

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	11.	**ARTICOL CITAT** **Bălan Mihaela**, Pătru Fl, 2013. The influence of fertilizers on corn yield on slope soil affected by surface erosion. Analele Universitatii din Craiova, sria Agricultura – Montanologie – Cadastru ,vol. XLIII/1, ISSN 1841-8317, pag. 19 – 24. **CITAT ÎN:** 1. Popescu C., (2021). Theoretical aspects regarding some ecological measures to prevent soil degradation. *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, *50*(1), 319-322. https://anale.agro-craiova.ro/index.php/aamc/article/view/1075/1009			5/2*1	2,5
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	13.	**ARTICOL CITAT** Popescu, C., **Bălan, M.,** & Bădescu, G., 2024. The influence of modeling works on protisoils with specific genetic bedrock, in the characteristic relief area of Dolj county. Scientific Papers. Series A. Agronomy, 67(1). **CITAT ÎN:** 1. Niţu O. A., Ivan E. Ş., Jerca I. O. (2024). The efficiency of irrigation in corn cultivation under the impact of climate change in Southeastern Romania: adaptation and optimization. a review. Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. 54/1/2024 https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=5798794404020805878 https://anale.agro-craiova.ro/index.php/aamc/article/view/1578/1493 2. Prioteasa M.A., Olaru A.L., Paraschivu M., Sălceanu C., (2024) Study on land preparation technique for cultivation of fodder corn after green peas. Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series Vol. 54/1/2024			5/3*3	5

		https://anale.agro-craiova.ro/index.php/aamc/article/view/1615/1522 https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=5798794404020805878 3. Niţu, O. A., Ivan, E. Ş., Gheorhe, M., & Cioboată, M. (2025). Assessment of soil moisture deficit and adaptation of irrigation technologies to the increasing frequency of droughts. *" Annals of the University of Craiova-Agriculture Montanology Cadastre Series"*, *55*(1), 358-363. https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=5798794404020805878				
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	15.	**ARTICOL CITAT** **Bălan Mihaela,** Pătru Fl., 2013. *The influence of fertilizers on hay production on sloppy soils affected by surface erosion*, Analele Universitatii din Craiova, seria Agricultura, Montanologie, Cadastru, Vol. XLIII/1 2013, ISSN 1841-8317, pag. 25 – 30. **CITAT ÎN:**			5/2*1	2,5

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	16.	**ARTICOL CITAT:** **Bălan Mihaela**, 2021. *Study on the soils of Gorj County and their quality*. Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. 51/1/2021, p..199-206, **CITAT ÎN:** 1. Niţu, O. A., Ivan, E. Ş., Gheorhe, M., & Cioboată, M. (2025). Assessment of soil moisture deficit and adaptation of irrigation technologies to the increasing frequency of droughts. *" Annals of the University of Craiova-Agriculture Montanology Cadastre Series"*, *55*(1), 358-363. https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=1684214189371401980 https://anale.agro-craiova.ro/index.php/aamc/article/view/1719/1613 2. Iancu, P., Soare, M., & Păniță, O. F. (2025). Quantification of conventional/ecological inputs consumption and analysis of their environmental footprint in walnut crop. *" Annals of the University of Craiova-Agriculture Montanology Cadastre Series"*, *55*(1), 302-307. https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=1684214189371401980			5/1*2	10
		Total A3.2				155,39
		3.3 Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi Profesor invitat (exclusiv POS, ERASMUS)				
		3.4 Membru în colective de redacţie sau comitete ştiinţifice ale revistelor şi manifestărilor ştiinţifice, Organizator de manifestări ştiinţifice				
		3.4.2 BDI Membru Simpozion Internațional „Durable Agriculture-Agriculture of the Future”, Facultatea de Agronomie din Craiova (2007, 2023, 2024)				10
		3.4.3 Naţionale şi internaţionale neindexate				
		3.8 Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării				
		3.8.4 Asociaţii profesionale nationale Membru SOCIETATEA DE STIINTA SOLULUI				2
		3.8.5,2 Consilii şi organizaţii în domeniul educaţiei şi cercetării				
		Comisie Admitere Facultatea de Agronomie				10

		Comisie susținere examen de finalizare studii				10
		Total A3.4 – A3.8				32
TOTAL A3						**269.05**
A = A1+A2+A3 A=142,6+704,57+269,05=1116,22					**1116,22**	

Note:
(1)Factorul de impact al revistei menţionat pe site-ul WOS (Web of Science) în anul în care a fost publicat articolul; pentru articolele în Proceedings WOS (Web of Science - THOMSON REUTERS) şi pentru brevetele indexate WOS-Derwent factorul de impact considerat va fi egal cu 0.
(2)La articolele ISI şi BDI in extenso pentru autor principal/prim autor/autor corespondent/coordonator (ultim autor), punctajul rezultat din calcul se multiplică cu coeficientul 2. Se admit maxim 2 articole în acelaşi volum/ediţie. Calitatea de coordonator (ultim autor) se referă doar la conducătorul de doctorat. Pentru Profesor/CSI I lucrări ISI pot fi echivalate cu 2 brevele indexate WOS-Derwent/soiuri, iar pentru conferenţiar/CS II, o lucrare ISI poate fi echivalată cu un brevet indexat WOS-Derwent/soi, doar pentru dacă cel care candidează este prim autor.
(3)pentru contractele de consultanţă trebuie să existe dovada încasării sumei menţionate în contabilitatea instituţiei beneficiare.
(4)bazele de date internaţionale (BDI) luate în considerare pentru articolele publicate în reviste şi în volumele unor manifestări ştiinţifice, cu excepţia articolelor publicate în reviste/proceedings cotate ISI, sunt cele recunoscute pe plan ştiinţific internaţional, precum (nelimitativ): Scopus, IEEE Xplore, Science Direct, Elsevier, Wiley, ACM, DBLP, Springerlink, Engineering Village, Cabi, Emerald, CSA, Compendex, INSPEC, Thomson Reuters Master Journal List, DOAJ, AGRICOLA.
(5)Autocitările sunt excluse.

2. Formula de calcul a indicatorului de merit (A = A1 + A2 + A3)

$$A = \sum_{i=1}^{3} A_i = \sum_{p=1}^{3} k_{1p} + \sum_{p=1}^{5} k_{2p} + \sum_{p=1}^{7} k_{3p}$$

unde: k_{pi} - indice specific domeniului (i = 1, 2 şi 3) şi tipului (p) de activitate (conform tabelului 1). Notă: Indicatorul se referă la întreaga activitate a candidatului cu precizări distincte pentru Criteriul 2.1.

1. **Condiţii minimale (A_i, i = 1, 2 şi 3)**

Nr. Crt.	Domeniul de activitate	Condiţii minimale	Realizat
1	Activitatea didactica/profesională (A1)	Minim 50 puncte	**142,60**
2	Activitatea de cercetare (A2)	Minim 130 puncte	**704,57**
3	Recunoașterea și impactul activității(A3)	Minim 40 puncte	**269,05**
TOTAL		**Minim 220 puncte**	**1116,22**

Nume şi prenume
BĂLAN Mihaela

Data

Semnătura

03..06.2026