

Universitatea Transilvania din Braşov
Facultatea de Silvicultură și Exploatare Forestiere
Departamentul Silvicultura

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE
CNATDCU**

Comisia de Ingineria Resurselor Vegetale și Animale

Domeniul de doctorat: SILVICULTURĂ

Candidat: Dr.ing. Viorel Nelu Bellmondo Blujdea

Data nașterii: 23.03.1969

Funcția actuală: cercetator științific

Instituția: Universitatea Transilvania din Braşov

Categoria: Profesor universitar/Abilitare

Nr. crt.	Domeniul de activitate	Minim de îndeplinit (puncte)	Punctaj calculat
1	Activitatea didactica si profesionala (A1)	100	131
2	Activitatea de cercetare (A2)	260	1071
3	Recunoașterea și impactul activității (A3)	60	1290
	Total	420	2491

Candidat,

Dr. ing. Viorel NB Blujdea

Punctaj general detaliat

Domeniul activitatilor	Tip activitati	Categorii	Punctaj*
A1	1.1	1.1.1	61
		1.1.2	34
	1.2	1.2.1	0
		1.2.2	35
	1.3		0
Total A1			131
A2	2.1		395
	2.2		292
	2.3		0
	2.4	2.4.1	384
		2.4.2	1
Total A2			1071
A3	3.1		1116
	3.2		109
	3.3		35
	3.5		20
	3.7		10
Total A3			1290
Total general			2491

* - nul pentru activitatile/categoriile lipsa din ordinul privind aprobarea standardelor minimale

Tipul activitatii: 1.1.1 Cărți cu ISBN/capitole ca autor

Nr. crt	Referinta	Anul	Editura (intl=1, national=2)	Nr. pagini	Nr. autori	Punctaj
1	Abad-Vinas R; Blujdea V , Federici S., Hiedere R; Pilli R, Grassi G (2014) LULUCF MRV - Analysis and proposals for enhancing Monitoring, Reporting and Verification of greenhouse gases from Land Use, Land Use Change and Forestry in the EU. Publications Office of the European Union. EUR 26813/ISBN:978-92-79-39785-1/ISSN: 1831-9424/DOI:10.2788/12266	2014	1	15	6	1.25
2	Low, P.S. (ed) (2013) Economic and social impacts of desertification, land degradation and drought. White Paper I. UNCCD 2nd Scientific Conference, prepared with the contributions of Lead Authors Grainger, A. (Chapter 2), Olsen, N. (Chapter 3), Hannam, I. (Chapter 4), Kellner, K. and Dreber, N. (Chapter 5), Cheng, L. (Case Study 1), Fleskens, L. (Case Study 2) and Contributors (in alphabetical order): Ammann, W., Blujdea, V. , Colbert, M., Cui, X., Gong, L., Kabubo-Mariara, J., Lu, Q., Mbuvi, D., Nainggolan, D., Seminario, Z.A., Shi, P., Stringer, L. C. and Wong, G. Y. Available from: http://2sc.unccd.int/conference-documents/white-paper-i/ . ISBN 978-92-95043-66-4. 62 pag.	2013	1	62	21	1.48
3	United Nations Convention to Combat Desertification, Costs and Benefits of Policies and Practices Addressing Land Degradation and Drought in the Drylands. White Paper II. UNCCD 2nd Scientific Conference. Available from http://2sc.unccd.int/conference-documents/white-paper-ii/ . ISBN 978-92-95043-67-1. 125 pages.	2013	1	125	40	1.56
4	IPCC (2014) Revised Supplementary Methods and Good Practice Guidance Arising from the Kyoto Protocol. Hiraishi T., Krug T., Tanabe K., Srivastava N., Jamsranjav B., Fukuda M., Troxler T.G. (eds) Publisher IPCC Switzerland. ISBN 978-92-9169-140-1. (V. Blujdea Contributing author)	2014	1	217	84	1.29
5	F. Carré, R. Hiederer, R., Blujdea, V. and Koeble, R. (2010) Background Guide for the Calculation of Land Carbon Stocks in the Biofuels Sustainability Scheme Drawing on the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. EUR 24573 EN. ISBN 978-92-79-17455-1. ISSN 1018-5593. doi 10.2788/34463Luxembourg: Office for Official Publications of the European Communities. 109pp. Available at: http://eusoiils.jrc.ec.europa.eu/projects/RenewableEnergy/index.html	2010	1	109	4	13.63
6	Hiederer, R., F. Ramos, C. Capitani, R. Koeble, V. Blujdea , O. Gomez, D. Mulligan and L. Marelli. (2010) Biofuels: a New Methodology to Estimate GHG Emissions from Global Land Use Change. EUR 24483 EN. ISBN 978-92-79-16389-0. ISSN 1018-5593. DOI 10.2788/48910. Luxembourg: Office for Official Publications of the European Communities. 150pp. Available at: http://eusoiils.jrc.ec.europa.eu/ESDB_Archive/eusoiils_docs/other/EUR24483.pdf	2010	1	150	8	9.38
7	Blujdea V (2005) Effect of climate change on tree species physiology. In Climate change impact on forests (Ed. V. Giurgiu), Romanian Academy Publishing House, 2005, p.27-37	2005	2	10	1	2.00
8	Blujdea V (2005): Contribution of forestry to reduce emission of green house gases under strategic approach of climate change (Ed. V. Giurgiu), Romanian Academy Publishing House,	2005	2	10	1	2.00
9	Tuerk, A., Frieden, D., Blujdea, V. Options for Land-Use and Bioenergy Projects Under a GIS in Romania. - Working Paper (http://www.climatestrategies.org/research/our-reports/category/36.html)	2008	1	37	3	6.17
10	Gheorghiescu P, Teodoreanu D, Turcu I, Blujdea V , Andrei L. and Apostol I (2007) Plan de măsuri pentru valorificarea surselor regenerabile de energie în România. Proiect "Resurse energetice pentru viitor"- programul Phare 2004 - Societatea civilă, Componenta 2 - Adoptarea și implementarea acquis-ului comunitar, Septembrie 2007 (http://terriiii.ngo.ro/date/b2d1f2f8f1bb3ec1206dd2e29da29cba/plan_de_actiune.pdf)	2007	2	60	6	2.00
11	Bytnerowicz A., Badea O., Popescu F., Tanase M., Musselman R., Cenușă R., Barbu I., Geambasu N., Danescu F., Surdu A., Blujdea V. : Long term effects of air pollution on selected forest ecosystems in the Carpathian Mountains, Europe (Retezat National Park, Romania), Final Report, ICAS-USDA, 2003, 35 p	2003	1	35	11	1.59
12	Brown S., Phillips H., Voicu M., Abrudan I., Blujdea V. , Pahontu C., Kostyuhin V. (2002): Romania Afforestation of degraded agricultural land project - Baseline study, Emission reductions projections and monitoring plans, Prepared for the World Bank, 144 p.	2002	2	144	7	4.11
13	Melinte I (coord), Mladin C, Manoleli D, Blujdea V et al (2005) Thematic assessment reports on the implementation of the UN Conventions for Climate change, for Biodiversity conservation and for Combat Desertification, National Capacity Self Assessment for Global Environment Management of Romania, UNDP/GEF: Rom /03/G41, 2005 available at: http://europeandcis.undp.org/gender/show/3D286646-F203-1EE9-B8A2992F51B78742	2005	1	100	8	6.25
14	Melinte I. (coord), Mladin C, Manoleli D, Blujdea V et al (2005) Final Report on the implementation of the Rio Conventions (UNFCCC, UNCBD, UNCCD), National Capacity Self Assessment for Global Environment Management of Romania, UNDP/GEF: Rom /03/G41, 2005	2005	1	100	8	6.25
15	Report on current biomass supply and technical potential with a focus on Europe. Available at: https://www.researchgate.net/profile/Natalia_M_Merino/publication/323496993_Report_on_current_biomass_supply_and_technical_potential_with_a_focus_on_Europe/links/5a984358aca27214056d4487/Report-on-current-biomass-supply-and-technical-potential-with-a-focus-on-Europe.pdf	2017	1	116	24	2.42
					Total	61.37

Tipul activitatii: 1.1.1 Cărți si capitole ca editor/coordonator

Nr.crt	Referinta*	Anul	Editura (international=1, national=2)	Nr. pagini	Nr. Editori /coordonatori	Punctaj
1	Cienciala E, Seufert G, Blujdea V , Grassi G, Exnerová Z (eds) (2010) Harmonized methods for assessing carbon sequestration in European forests. Study under EEC 2152/2003 Forest Focus regulation on developing harmonized methods for assessing carbon sequestration in European forests. JRC scientific and technical report, Publication Office of the European Union, EUR 24300 EU. ISSN 1018-5593. ISBN 978-92-79-15319-8. DOI 10.2788/79401. 323p. Available at: http://afoludata.jrc.ec.europa.eu/metaed/project_collection/JRC_54744_Mascaref_Full_Report_for_print.pdf	2010	1	323	5	22
2	Olofsson P, Woodcock C, Baccini A, Houghton RA, Ozdogan M, Gancz V, Blujdea V , Torchinava P, Tufekcioglu A and Baskent EZ (2009) The effects of land use change on terrestrial carbon dynamics in the Black Sea region. In: Regional Aspects of Climate-Terrestrial-Hydrologic Interactions in Non-boreal Eastern Europe (Ed. Pavel Ya. Groisman and Sergiy V. Ivanov). Series: NATO Science for Peace and Security Series C: Environmental Security, pp 175-182. DOI: 10.1007/978-90-481-2283-7_19, http://www.springerlink.com/content/v05577261q68235/	2009	1	200	10	7
3	Constandache C and Blujdea V (2009) Achievements and perspectives on the improvement by afforestation of degraded lands in Romania, In: Land Degradation and Desertification: Assessment, Mitigation and Remediation (Eds. Zdruli P, Pagliai M, Kapur S and Cano FA), Springer 2010, pg 547-560	2010	1	13	2	2
4	Irimie DL, Blujdea V and Pahontu C (2009) The Role of Local Communities in Revising the National Action Programme for Mitigating Drought, Preventing and Combating Desertification: In "Global Environmental Change: Challenges to Science and Society in South Eastern Europe" (eds. V.Alexandrov et al). Springer 2010, pp 243-260	2009	1	17	3	2
5	Blujdea V (2007) Challenges and trade-offs in environmental and financial approaches of the afforestation of degraded lands, in Climate and Land Degradation (eds. M.V.K. Sivakumar, Ndegwa Ndaing'ui), Series Environmental Science and Engineering, Springer, 2007, pp. 405-419. Available at: http://www.springerlink.com/content/r805007513j20437/	2007	1	1	50	0
6	Blujdea V (coord), Pahontu C, Marinescu Gh, and al. (2006) Al III lea raport national privind implementarea UNCCD pentru combaterea desertificarii in Romania, Ed. Tehnica Silvica 2006, 84 pag (http://www.editurasilvica.ro/default.php?l=online)	2006	1	71	11	2
					Total	34

Tipul activitatii: 1.2.2 Indrumar de laborator, aplicatii

Nr.crt	Referinta	Anul	Nr. pagini	Nr. autori	Punctaj
1	Gugele B (coord.) at. al (2014) Annual European Community greenhouse gas inventory 1990–2012 and inventory report 2013 Submission to the UNFCCC Secretariat. Author of sections from pag 752-813, 964-1006 and 1203-1219. Technical report No 09/2014, European Environment Agency. Available at: http://www.eea.europa.eu/publications/european-union-greenhouse-gas-inventory-2014 . ISBN 978-92-9213-461-7	2014	1050	21	6.25
2	Mandl N (coord.) at. al (2013) Annual European Community greenhouse gas inventory 1990–2011 and inventory report 2013 Submission to the UNFCCC Secretariat. Technical report No 08/2013, European Environment Agency. Author of sections from pag 663-722; 833-863 and 1065-1080. Available at: http://www.eea.europa.eu/publications/european-union-greenhouse-gas-inventory-2013 . ISBN: 978-92-9213-396-2	2013	1050	21	6.25
3	Mandl N (coord.) at. al (2012) Annual European Community greenhouse gas inventory 1990–2008 and inventory report 2010 Submission to the UNFCCC Secretariat. Technical report No 03/2012, European Environment Agency. Available at: http://www.eea.europa.eu/publications/european-union-greenhouse-gas-inventory-2012 . ISBN 978-92-9213-316-0. ISSN: 1725-2237. doi:10.2800/4965	2012	1041	21	6.1964286
4	Gugele B. (coord.) at. al (2011) Annual European Community greenhouse gas inventory 1990–2008 and inventory report 2010 Submission to the UNFCCC Secretariat. Technical report No 02/2011, European Environment Agency. Available at: http://www.eea.europa.eu/publications/european-union-greenhouse-gas-inventory-2011 . ISBN 978-92-9213-203-3. ISSN: 1725-5597. EEA Technical report series: ISSN 1725-2237. doi:10.2800/76096	2011	1053	21	6.2678571
5	Gugele B. (coord.) at. al (2010) Annual European Community greenhouse gas inventory 1990–2008 and inventory report 2010 Submission to the UNFCCC Secretariat. Technical report No 06/2010, European Environment Agency. Available at: http://www.eea.europa.eu/publications/european-union-greenhouse-gas-inventory-2010 . ISBN 978-92-9213-100-5. ISSN 1725-2237. DOI 10.2800/41819	2010	908	20	5.675
6	Gugele B. (coord.) at. al (2009) Annual European Community greenhouse gas inventory 1990–2007 and inventory report 2009 Submission to the UNFCCC Secretariat. Technical report No 04/2009, European Environment Agency. Available at: http://www.eea.europa.eu/publications/european-union-greenhouse-gas-inventory-2009 . ISBN 978-92-9213-001-5. ISSN 1725-2237. DOI 10.2800/11551	2009	634	19	4.1710526
				Total	34.81

Tipul activitatii: 2.1 Articole cotate Thomson Reuters

Nr. crt	Referinta	Anul	Revista*	Factor impact	Nr. Autori	Autor principal (da=2, Nu=1)	Punctaj
1	Jonsson R, Blujdea VNB , Fiorese G, Pilli R, Rinaldi F, Camia A (2017) European outlook for the forest sector: supply and demand. <i>iForest Biogeosciences and Forestry</i> vol. 11, pp. 315-328. http://www.sisef.it/forest/pdf/?id=ifor2636-011	2017	<i>iForest Biogeosciences and Forestry</i>	1.419	6	1	9
2	Pilli, R., Kull, S.J., Blujdea, V.N.B. et al. <i>Annals of Forest Science</i> (2018) 75: 71. https://doi.org/10.1007/s13595-018-0743-5	2018	<i>Annals of Forest Science</i>	2.633	4	1	19
3	Hernández L, Jandl R, Blujdea VNB , Lehtonen L, Kriiska K, Alberdi I, Adermann V, Cañellas I, Marin Gh, Moreno-Fernández D, Ostonen I, Varik M, Didion M (2017) Towards complete and harmonized assessment of soil carbon stocks and balance in forests: The ability of the Yasso07 model across a wide gradient of climatic and forest conditions in Europe. <i>Science of The Total Environment</i> , Volumes 599–600, 2017, Pages 1171-1180. https://doi.org/10.1016/j.scitotenv.2017.03.298	2018	<i>Science of The Total Environment</i>	5.589	13	1	11
4	Blujdea V. , Abad-Vinas R., Federici S., Grassi G (2015) The EU greenhouse gas inventory for LULUCF sector: I. Overview and comparative analysis of methods used by EU member states. <i>Carbon Management</i> 6 (5-6) 2015, 247-259	2015	<i>Carbon Management</i>	1.463	4	2	27
5	Didion M, Blujdea V , Alberdi I, Jandl R, Kriiska K, Lehtonen A, Saint-Andre L (2016) Models for reporting forest litter and soil C pools in national greenhouse gas inventories: methodological considerations and requirements <i>Carbon Management</i> (DOI: 10.1080/17583004.2016.1166457)	2016	<i>Carbon Management</i>	1.463	6	1	9
6	Blujdea, V. , Marin, G., Stoichițescu, M. (2014). Land dataset uncertainty: effect on Romanian National Greenhouse Gas Inventory. DOI:10.15287/afr.2014.275	2014	<i>Annals of Forest Research</i>	1.596	3	2	38
7	Pilli R., Grassi G, Kurz WA, Smyth CE, Blujdea V (2013) Application of the CBM-CFS3 model to estimate Italy's forest carbon budget, 1995–2020. <i>Ecological Modelling</i> 266 (2013) 144–171. Available at: http://www.sciencedirect.com/science/article/pii/S0304380013003529	2013	<i>Ecological Modelling</i>	2.634	5	1	16
8	Groen TA, Verkerk PJ, Böttcher H, Grassi G., Cienciala E, Black GK, Fortin M, Köthke M, Lehtonen A., Nabuurs GJ, Petrova L, Blujdea V. (2013) What causes differences between national estimates of forest management carbon emissions and removals compared to estimates of large-scale models?	2013	<i>Environmental Science & Policy</i>	4.816	11	1	11
9	Ciuvat AL, Abrudan IV, Blujdea V , Dutca I, Nuta IS, Edu E (2013) Biomass Equations and Carbon Content of Young Black Locust (<i>Robinia pseudoacacia</i> L.) Trees from Plantations and Coppices on Sandy Soils in South-Western Romanian Plain, , <i>Not Bot Horti Agrobo</i> , 2013, 41(2):590-592	2013	<i>Notulae Botanicae Horti Agrobotanici</i>	0.624	6	1	6
10	Petrescu AMR, Abad-Viñas R, Janssens-Maenhout G, Blujdea V and Grassi G. (2012) Global estimates of C stock changes in living forest biomass: EDGARv4.3 – 5FL1 time series from 1990 to 2010. <i>Biogeosciences</i> 9 (8), 3437-3447. doi:10.5194/bg-9-3437-2012	2012	<i>Biogeosciences</i>	3.951	5	1	21
11	Dincă, L.C., Spârchez, G., Dincă, M., Blujdea, V.N.B. (2012) Organic carbon concentrations and stocks in Romanian mineral forest soils. <i>Annals of Forest Research</i> 55 (2), 2012	2012	<i>Annals of Forest Research</i>	1.596	4	1	14

Tipul activitatii: 2.1 Articole cotate Thomson Reuters (cont.)

12	Blujdea V , Pilli R, Dutca I, Ciuvat L and Abrudan IV (2012) Allometric biomass equations for young broadleaved trees in plantations in Romania. Forest Ecology and Management (264)172-184. doi:10.1016/j.foreco.2011.09.042	2012	Forest Ecology and Management	3.126	5	2	35
13	Olofsson P, Kuemmerle T, Griffiths P, Knorn J, Baccini A, Gancz V, Blujdea V , Houghton RA, Abrudan IV and Woodcock CE (2011) Carbon implications of forest restitution in post-socialist Romania, Environ. Res. Lett. 6(2011) 045202.	2012	Environ. Res. Lett.	3.631	10	1	10
14	Dutca I, Abrudan IV, Stancioiu T, Blujdea V (2010) Biomass conversion and expansion factors for young Norway spruce (Picea abies (L.) Karst.) trees planted on non-forest lands in Eastern Carpathians Notulae Botanicae Horti Agrobotanici Cluj-Napoca,	2010	Notulae Botanicae Horti Agrobotanici	0.464	3	1	11
15	Blujdea V. , Bird D.N., Kapp G., Burian M., Nuta I.S., Ciuvat L. (2011) Robinia pseudoacacia stump feature based methodology for in situ forest degradation assessment. Mitig Adapt Strateg Glob Change 16(4), 463-476.	2011	Mitig Adapt Strateg Glob Change	2.651	6	2	26
16	G. Janssens-Maenhout, A. M.R. Petrescu, M. Muntean & V. Blujdea (2011) Verifying Greenhouse Gas Emissions: Methods to Support International Climate Agreements. Greenhouse Gas Measurement	2011	Carbon Management	1.463	5	1	11
17	Dragoi, M. , Popa, B., Blujdea, V (2011) Improving communication among stakeholders through ex-post transactional analysis - case study on Romanian forestry. Forest Policy and Economics (13)1,16-23	2011	For Pol Econ	3.099	3	1	29
18	Scarlat N, Blujdea V and Dallemand J-F (2010) Assessment of the availability of biomass resources for bioenergy in Romania. Biomass&Bioenergy 35, 1995-2005.	2010	Biomass&Bioenergy	3.537	3	1	32
19	Blujdea V , Bird DN and Robledo C (2010) Consistency and comparability of estimation and accounting of removal by sinks in afforestation/reforestation activities, Mitig Adapt Strateg Glob Change (2010) 15:1–18	2010	Mitig Adapt Strateg Glob Change	2.651	6	2	26
20	Saiz G, Byrne K, Butterbach-bahl K, Kiese R, Blujdea V and Farrell Ed (2006): Stand age-related effects on soil respiration in a first rotation Sitka spruce chronosequence in central Ireland, Global Change Biology, Volume 12, Number 6, June 2006 , pp. 1007-1020(14)	2006	Global Change Biology	8.88	6	1	34
Total							394.5

Tipul activitatii: 2.2 Articole BDI

Nr. crt	Referinta	Anul	Revista	Baza de date Internationala	Nr. Autori	Autor principal (da=1, Nu=0)	Punctaj
1	VNB Blujdea, G Marin (2019) Commitments and contribution of the forestry sector to the achievement of reduction targets of Romania's GHG. <i>Bucovina Forestieră</i> 18 (1), 23-33	2018	<i>Bucovina Forestieră</i>	Bucovina Forestieră este înregistrată în următoarele baze de date (abstracting/indexing): AGRIS, CABI, China Academic Journals, DOAJ, Google Scholar, Index Copernicus	2	1	15
2	Dutca I, Abrudan IV and Blujdea V (2009) The Impact of Afforestation on Carbon Storage – A Review. <i>The Bulletin of the Transilvania University of Brasov</i> . Vol. 2 (51), Series II, ISSN 2065-2135, pg. 13-18	2009	<i>The Bulletin of the Transilvania University of Brasov</i>	Journal is indexed in EBSCO Publishing DataBase (http://www.ebscohost.com/titleLists/a9h-subject.xls), in CAB Direct (http://www.cabdirect.org) and is evaluated by CNCIS in the category B+ of the scientific magazine	3	0	5
3	Abrudan IV, Blujdea V , Ignea Gh, Dumitru I (2005) Comparison of CO2Fix model results with field data in a carbon sequestration project. In: <i>The Bulletin of the Transilvania University of Brasov</i> . Vol. 12 (47) - New Series, Series A, ISSN 1223-9631. Available at: http://webbut.unitbv.ro/BU2008/Arhiva/BU2005/search/68-A-Abrudan_05.pdf	2005	<i>The Bulletin of the Transilvania University of Brasov</i>	Journal is indexed in EBSCO Publishing DataBase (http://www.ebscohost.com/titleLists/a9h-subject.xls), in CAB Direct (http://www.cabdirect.org) and is evaluated by CNCIS in the category B+ of the scientific magazine	4	0	3.75
4	Abrudan IV, Blujdea V , Pahontu C, Pavel L, Dumitru I (2005) Implementarea proiectului de împădurire a terenurilor degradate si agricole slab productive sustinut prin instrumente flexibile specifice Protocolului de la Kyoto. In: <i>Forestry and sustainable development</i> , Editura Universitatii Transilvania din Brasov, ISBN 973-635-622-1 pg.111-116	2005	<i>The Bulletin of the Transilvania University of Brasov</i>	Journal is indexed in EBSCO Publishing DataBase (http://www.ebscohost.com/titleLists/a9h-subject.xls), in CAB Direct (http://www.cabdirect.org) and is evaluated by CNCIS in the category B+ of the scientific magazine	5	0	3
5	Blujdea V (2005) Percepția silvicultorilor privind impactul schimbărilor climatice asupra pădurilor, <i>Anale Seria I</i> , Vol. 48, 2005, pp.151-160. Available at: http://www.editurasilvica.ro/analeleicas/48/1/blujdea.pdf	2005	<i>Anale Silvice, Seria I</i>		1	1	30
6	Blujdea V (2005) Effect of climate change on tree species physiology. In <i>Climate change impact on forests</i> (Ed. V. Giurgiu), Romanian Academy Publishing House, 2005, p.27-37	2005	Romanian Academy Publishing House		1	1	30
7	Blujdea V (2005): Contribution of forestry to reduce emission of green house gases under strategic approach of climate change (Ed. V. Giurgiu), Romanian Academy Publishing House, 2005, p.132-137	2005	Romanian Academy Publishing House		1	1	30
8	Blujdea V and Urban O (2004): Measurement of photorespiration by post illumination CO2 burst method in C3 grass <i>Arrhenatherum elatius</i> , <i>Rev Păd nr.3/2004</i>	2004	<i>Revista Padurilor</i>	IndexCopernicus (ID 7538), CABI, RePEc, Google Academic, SCPIO	2	1	15
9	Blujdea V and Ionescu M (2003) Corelații ecofiziologice și ecologice privind nutriția minerală a arborilor din rețeaua de monitoring intensiv, 2003, In <i>Anale ICAS, Seria I</i> , Vol. 45, Edt. Tehnică Silvică, 2002 pp. 109-116	2003	<i>Anale Silvice, Seria I</i>		2	1	15
10	Blujdea V. and Abrudan I (2003) Afforestation of degraded and marginal agricultural lands by flexible instruments of Kyoto Protocol. In: <i>Anale Seria I</i> , vol 46, Edt. Tehnică Silvică 2003 – Scientific research for sustainable forests management, Forest Research and Management Institute – 70 years of activity, Bucharest 2003, p. 399	2003	<i>Anale Silvice, Seria I</i>		2	1	15
11	Blujdea V. , Pauca-Comanescu M and Ionescu M (2003) Mechanisms of drought tolerance in mesoxerophytic oaks, In: <i>Anale Seria I</i> , vol 46, Edt. Tehnică Silvică 2003 – Scientific research for sustainable forests management, Forest Research and Management Institute – 70 years of activity, Bucharest 2003, p. 99-109	2003	<i>Anale Silvice, Seria I</i>		3	1	10
12	Abrudan I, Blujdea V , Brown S, Kostuhin V, Pahontu C, Phillips H and Voicu M (2003) Prototype Carbon Fund: Afforestation of degraded agricultural land in Romania, In <i>Rev Pad</i> 118, Nr 1/2003, p.5-17	2003	<i>Revista Padurilor</i>	IndexCopernicus (ID 7538), CABI, RePEc, Google Academic, SCPIO	7	0	2.1429

Tipul activitatii: 2.2 Articole BDI (cont.)

13	Blujdea V and Urban O (2002) Long-term UV-B exposure effects in early senescent leaves of <i>Fagus sylvatica</i> [L.] seedlings grown in vegetation pots: gas exchange analysis, <i>Beskydy journal</i> (2002), Ediční středisko mžlu v Brně, ISBN: 80-7157-374-4 (4/2002)	2002	Beskydy journal	CAB Abstracts (Cabi Publishing) AGRIS (FAO) and AGRICOLA	2	1	15
14	Pauca-Comanescu M, Tacina A, Ormoului L, Honciuc V, Falca M, Onete M, Purice D, Stanescu M, Blujdea V and Ionescu M (2002) Structure of the main biocenotic components in <i>Tamarix ramosissima</i> shrublands of Prahova and Teleajen low floodplains, <i>Rev. Roumaine de Biologie</i> , 45, 2/2002, p. 45-72	2002	Rev. Roumaine de Biologie	Bibliography of agriculture, Biological abstracts, Life sciences collection, Chemical abstracts	10	0	1.5
15	Abrudan IV, Blujdea V and Pahonțu C (2002) Împădurirea terenurilor degradate în contextul eforturilor de diminuare a schimbărilor climatice, In <i>Rev Pad 3/2002</i> , p. 1-5. Available at: http://www.revistapadurilor.ro/%281%29Colectia-pe-	2002	Revista Padurilor	IndexCopernicus (ID 7538), CABI, RePEc, Google Academic, SCPIO	3	0	5
16	Blujdea V , Taină Șt, Ionescu M and Surdu A (2002) Nutriția minerală a bradului, molidului și pinului silvestru regenerați spontan pe halde de steril, <i>Revista de Silvicultura Nr.1/2002, p. 22 – 25</i>	2002	Revista de Silvicultura		4	1	7.5
17	Blujdea V (2002) Alocarea carbonului la nivel individual și implicațiile particularităților solului asupra repartiției biomasei radicalare la arbori de <i>Quercus cerris</i> , <i>Revista Pădurilor No.2/2002, p. 18-22</i>	2002	Revista Padurilor	IndexCopernicus (ID 7538), CABI, RePEc, Google Academic, SCPIO	1	1	30
18	Blujdea V , Ionescu M and Surdu A (2001) Variatia sezonieră a continutului de nutrienti esentiali în frunze si lujeri, si aprecieri asupra nutritiei minerale la arbori de cer (<i>Quercus cerris</i> L.) si gârniță (<i>Q. frainetto</i> Ten), In. <i>Rev Pad Nr.1/2001, p.15-20</i>	2001	Revista Padurilor	IndexCopernicus (ID 7538), CABI, RePEc, Google Academic, SCPIO	3	1	10
19	Catrina I, Blujdea V , Ionescu M and Voiculescu I (2001) Încărcarea radioactiva a mediului de nutritie a arborilor cu 40 K , In <i>Rev Pad no 4/2001, p. 1-5</i>	2001	Revista Padurilor	IndexCopernicus (ID 7538), CABI, RePEc, Google Academic, SCPIO	4	0	3.75
20	Blujdea V and Pauca-Comanescu M (2001) Concentrația de CO ₂ substomatal si semnificația sa ecofiziologică la <i>Q. cerris</i> L. si <i>Q. frainetto</i> Ten, In <i>Rev Pad 3/2001, p. 14-17</i>	2001	Revista Padurilor	IndexCopernicus (ID 7538), CABI, RePEc, Google Academic, SCPIO	2	1	15
21	Blujdea V and Ionescu M (2001) Studiul raportului Ca/K foliar de diferite solubilități ca marker fiziologic pentru toleranța la secetă, In: <i>Anale, Lucrările Sesiunii Științifice din 23 martie 2001, Edt. Tehnică Silvică – București, 2001, pp. 41-47</i>	2001	Anale Silvice, Seria I		2	1	15
22	Blujdea V and Alexe A (1998) Cercetări comparative privind eficienta de utilizare a nutrientilor minerali la arborii de cvercinee xerofiti si semixerofiti (din pădurile Ogarca si Letca - Ocolul Silvic Ghimpati), <i>Revista de Silvicultura nr.1-2/1998, p.22-26</i>	1998	Revista de Silvicultura		2	1	15
Total							292

Tipul activitatii: 2.4.1 Granturi/ Director de proiect

Nr. Crt.	Denumire proiect	Programul de finantare	Autoritate contractanta	Perioada derulare (data inceperii, data finalizare)	Valoare ("euro")*	Sursa (International =1, national=2)	Durata (ani)	Punctaj
1	Mobilizarea și monitorizarea efortului cu impact climatic pozitiv din sectorul forestier (FORCLIMIT)	ERA GAS	UEFISCDI	2017-2020	250000	1	3.5	70
2	Implementation of the Afforestation of Degraded Lands in Romania Project, proiect ID: P075959	BIRD si RNP-Romsilva	Regia Nationala a Padurilor Romsilva & World Bank	2003-2017	100000	2	15	150
3	Forest Focus	Study under EEC 2152 Forest Focus Regulation on developing harmonized methods for assessing carbon sequestration in European Forest	Comisia Europeana	2007- 2009	10000	1	2	40
4	Quantifying and Understanding the Earth System (QUEST)	Research Project accompanying a Demonstrator Forestry Project for Climate Mitigation	National Research Council of Research, United Kingdom (NERC/Quest)	2007-2009	50000	1	2	40
5	Administrarea Sectorului Folosința Terenurilor, Schimbarea Folosinței Terenurilor și Silvicultură al INEGES (CRF Sector 4) în acord cu obligațiile sub Convenția Cadru a Națiunilor Unite asupra Schimbărilor Climatice, inclusiv cele sub Protocolul de la Kyoto	National (competitiv)	Ministerul Mediului și Schimbărilor Climatice	2014	250000	2	1	10
6	Servicii de cercetare pentru elaborarea studiului privind "Elaborarea Raportului asupra politicilor și măsurilor de reducere a emisiilor de GES și a Raportului privind proiecțiile emisiilor de GES în acord cu prevederile Regulamentului Parlamentului European și Consiliului nr. 525/2013"	National (competitiv)	Institutul de Studii și Proiectări Energetice	2014	10000	2	1	10
7	Servicii de cercetare pentru elaborarea studiului privind "Elaborarea Raportului asupra politicilor și măsurilor de reducere a emisiilor de GES și a Raportului privind proiecțiile emisiilor de GES în acord cu prevederile Regulamentului Parlamentului European și Consiliului nr. 525/2013"	National (competitiv)	Institutul de Studii și Proiectări Energetice	2016	10000	2	4	40
8	Modelarea stocării carbonului în forme ecosistemice tranzitorii asociate schimbării utilizării terenurilor forestiere din România - FORLUC	National (competitiv)	Ministerul Educației România și Agenția Națională de Cercetare și Inovare	2006-2008	2 mld.ROL	2	2.5	5
9	Studiu privind impactul modificărilor climatice asupra fondului forestier național	Agral (competitiv)	Ministerul Educației și Cercetării	2003-2005	1.6 mld. ROL	2	2.5	2.5
10	Cercetări asupra interacției dintre regimul hidric și nutriția minerală la stejarii xerofiti (stejar pedunculat)	Orizont	Ministerul Educației și Cercetării	1996-1997		2	2	2
11	Cercetări asupra nivelului de încărcare radioactivă a mediului de nutriție în ecosistemele de pădure din zonele de impact (Rezoluția 5 Eurosilva 1992)	Orizont	Ministerul Educației și Cercetării	1999-2001		2	2	2
12	Mecanismele toleranței la secetă la stejarii mezoxerofiti în ecosisteme supuse schimbărilor climatice din România	Orizont	Ministerul Educației și Cercetării	2001-2003		2	2	2
13	Analiza multivariată a stării de nutriție a arborilor de foioase din rețeaua de monitoring intensiv	Orizont	Ministerul Educației și Cercetării	2002-2006		2	2	2
14	Dinamica biomasei și alocarea carbonului în radicele fine la Q. robur – componentă a comportării la stres hidric	Grant CNCIS	Consiliul Național al Cercetării Științifice din Învățământul Superior	2002		2	2	2
15	Nutriția minerală la arborii de Q. cerris și Q. frainetto – aspecte ecofiziologice ale prevenirii declinului și uscării	Orizont	Ministerul Educației și Cercetării	1998-2000		2	2	2
16	Sisteme silviculturale pentru refacerea arboretelor de salcâm afectate de uscare situate în silvostepă și zona forestieră de câmpie	Asistenta tehnica	RNP Romsilva	1998		2	2	2
17	Bazele ecofiziologice pentru reconstrucția ecologică a pădurilor de stejar și salcâm afectate de uscare	Orizont	Ministerul Educației și Cercetării	1997-1999		2	2	2
Total								384

Tipul activitatii: 2.4.2 Proiecte / Membru in echipa

Nr. Crt.	Denumire proiect	Programul de finantare	Autoritatea contractanta	Perioada derulare (data de incepere, data de finalizare)	Valoare (~euro)*	Sursa (Intl=1, national=2)	Durata (ani)	Punctaj
1	Carbon pools change estimation in Land use change in Black Sea basin	Northern Eurasia Earth Science Partnership Initiative	Boston University, financed by NASA and Ministry of Education, Romania	2005-2008	100 mil. ROL	2	0.5	0.5
2	Foliar gas exchange in forest trees under climate change	MERCI project (Czech Republic)	EU Acces to Infrastructure	2000-2004	100 mil. ROL	1	0.0	0.1
3	COST E21-Contribution of forests and forestry to the mitigation of greenhouse effects	COST	COST Secretariat	2000-2003	NA	1	0.0	0.1
4	Study of feasibility on forest restoration in the southern plain of Romania	Japan International Cooperation Agency	RNP Romsilva	1997-1999	NA	1	0.0	0.1
5	COST E6: Forest tree physiology – EUROSILVA (Gas exchange – water relation)	COST	COST Secretariat	1998- 2000	NA	1	0.0	0.1
6	COST E9: Life cycle assessment of forest and forestry products (forest Carbon cycle)	COST	COST Secretariat	1997-1999	NA	1	0.0	0.1
Total								1.17

Tipul activitatii: 3.1 Citari in reviste cotate ISI

Nr.crt	Articol citat	Nr. Articole ISI care citeaza	Nr. Autori	Punctaj
1	Saiz G, Byrne K, Butterbach-bahl K, Kiese R, Blujdea V and Farrell Ed (2006): Stand age-related effects on soil respiration in a first rotation Sitka spruce chronosequence in central Ireland, <i>Global Change Biology</i> , Volume 12, Number 6, June 2006, pp. 1007-1020(14)	171	6	285.0
2	Scarlat N, Blujdea V and Dallemand J-F (2010) Assessment of the availability of biomass resources for bioenergy in Romania. <i>Biomass&Bioenergy</i> 35, 1995-2005.	68	3	226.7
3	Blujdea V , Pilli R, Dutca I, Ciuvat L and Abrudan IV (2012) Allometric biomass equations for young broadleaved trees in plantations in Romania. <i>Forest Ecology and Management</i> (264)172-184. doi:10.1016/j.foreco.2011.09.042	64	5	128.0
4	Olofsson P, Kuemmerle T, Griffiths P, Knorn J, Baccini A, Gancz V, Blujdea V , Houghton RA, Abrudan IV and Woodcock CE (2011) Carbon implications of forest restitution in post-socialist Romania, <i>Environ. Res. Lett.</i> 6(2011) 045202.	46	10	46.0
5	Pilli R., Grassi G, Kurz WA, Smyth CE, Blujdea V (2013) Application of the CBM-CFS3 model to estimate Italy's forest carbon budget, 1995–2020. <i>Ecological Modelling</i> 266 (2013) 144– 171	44	5	88.0
6	Dragoi M, Popa B, Blujdea V (2011) Improving communication among stakeholders through ex-post transactional analysis - case study on Romanian forestry. <i>Forest Policy and Economics</i> (13)1,16-23	23	3	76.7
7	Dutca I, Abrudan IV, Stancioiu T, Blujdea V (2010) Biomass conversion and expansion factors for young Norway spruce (<i>Picea abies</i> (L.) Karst.) trees planted on non-forest lands in Eastern Carpathians <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 38(3), 286 – 292.	19	4	47.5
8	Groen TA, Verkerk PJ, Böttcher H, Grassi G., Cienciala E, Black GK, Fortin M, Köthke M, Lehtonen A., Nabuurs GJ, Petrova L, Blujdea V . (2013) What causes differences between national estimates of forest management carbon emissions and removals compared to estimates of large-scale models?. . http://www.sciencedirect.com/science/article/pii/S1462901113001329 Environmental science & policy 33, 222-232	18	12	15.0
9	Blujdea V , Bird DN and Robledo C (2010) Consistency and comparability of estimation and accounting of removal by sinks in afforestation/reforestation activities, <i>Mitig Adapt Strateg Glob Change</i> (2010) 15:1–18	17	6	28.3
10	Dincă L, Spârchez Gh, Dincă M, Blujdea VNB (2012) Organic carbon concentrations and stocks in Romanian mineral forest soils	11	4	27.5
11	Olofsson P, Woodcock C, Baccini A, Houghton R, Ozdogan M, Gancz V, Blujdea V , Torchinava P, Tufekcioglu A, Baskent EZ (2009) The effects of land use change on terrestrial carbon dynamics in the Black Sea region. <i>Regional Aspects of Climate-Terrestrial-Hydrologic Interactions in Non-boreal Eastern Europe</i> 175-182. Springer	5	11	4.5
12	Blujdea V (2012) Challenges and trade-offs in environmental and financial approaches of the afforestation of degraded lands. <i>Climate and Land Degradation</i>	4	1	40.0
13	Blujdea V , Bird D.N., Kapp G., Burian M., Nuta I.S., Ciuvat L. (2011) Robinia pseudoacacia stump feature based methodology for in situ forest degradation assessment. <i>Mitig Adapt Strateg Glob Change</i> 16(4), 463-476.	2	6	3.3
14	Petrescu AMR, Abad-Viñas R, Janssens-Maenhout G, Blujdea VNB , Grassi G (2012) Global estimates of carbon stock changes in living forest biomass: EDGARv4. 3-time series from 1990 to 2010	2	5	4.0
15	G Janssens-Maenhout, AMR Petrescu, M Muntean, V Blujdea (2010) Verifying greenhouse gas emissions: Methods to support international climate agreements. <i>Greenhouse Gas Measurement & Management</i> 1 (2), 132-133	26	4	65.0
16	L Hernández, R Jandl, VNB Blujdea, A Lehtonen, K Kriiska, I Alberdi, ... (2018) Towards complete and harmonized assessment of soil carbon stocks and balance in forests: The ability of the Yasso07 model across a wide gradient of climatic and forest <i>Science of the Total Environment</i> 599, 1171-1180	7	13	5.384615
17	VNB Blujdea, RA Viñas, S Federici, G Grassi (2015) The EU greenhouse gas inventory for the LULUCF sector: I. Overview and comparative analysis of methods used by EU member states. <i>Carbon Management</i> 6 (5-6), 247-259	7	4	17.5
18	M Didion, V Blujdea, G Grassi, L Hernández, R Jandl, K Kriiska, ... (2016) Models for reporting forest litter and soil C pools in national greenhouse gas inventories: methodological considerations and requirements. <i>Carbon Management</i> 7 (1-2), 79-92	5	7	7.142857
Total				1116

Tipul activitatii: 3.2 Citari in reviste cotate BDI

Nr.crt	Articol citat	Nr. Articole BDI care citeaza (Google scholar)	Nr. Autori	Punctaj
1	F. Carré., R. Hiederer, R., Blujdea, V. and Koeble, R. (2010) Background Guide for the Calculation of Land Carbon Stocks in the Biofuels Sustainability Scheme Drawing on the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. EUR 24573 EN. ISBN 978-92-79-17455-1. ISSN 1018-5593. doi 10.2788/34463Luxembourg: Office for Official Publications of the European Communities. 109pp. Available at: http://eusoils.jrc.ec.europa.eu/projects/RenewableEnergy/index.html	9	6	15.0
2	Hiederer, R., F. Ramos, C. Capitani, R. Koeble, V. Blujdea, O. Gomez, D. Mulligan and L. Marelli. (2010) Biofuels: a New Methodology to Estimate GHG Emissions from Global Land Use Change. EUR 24483 EN. ISBN 978-92-79-16389-0. ISSN 1018-5593. DOI 10.2788/48910. Luxembourg: Office for Official Publications of the European Communities. 150pp. Available at: http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/other/EUR24483.pdf	36	6	60.0
3	Janssens-Maenhout, G; Petrescu, AMR; Muntean, M; Blujdea V; (2011) Verifying greenhouse gas emissions: methods to support international climate agreements. Greenhouse Gas Measurement & Management 1(2), 132-133	5	6	8.3
4	Dutcă I, Abrudan IV, Blujdea V (2007) The impact of afforestation on carbon storage-a review. Bulletin of the Transilvania University of Brasov, Series II-Forestry, Wood Industry, Agricultural Food Engineering	3	4	7.5
5	Ciuvat A, Abrudan I, Blujdea V, Dutca I, Nuta IS, Edu E. (2013) Biomass Equations and Carbon Content of Young Black Locust (Robinia pseudoacacia L.) Trees from Plantations and Coppices on Sandy Soils in South-Western Romanian Plain	1	6	1.7
6	Abrudan I, Blujdea V, Brown S, Kostuhin V, Pahontu C, Phillips H and Voicu M (2003) Prototype Carbon Fund: Afforestation of degraded agricultural land in Romania, In Rev Pad 118, Nr 1/2003, p.5-17	10	6	16.7
			Total	109.2

Tipul activitatii: 3.3 Prezentari la invitatie in plenara

Nr. crt.	Denumirea manifestarii	Referinte lucrare/curs sustinut	Perioada desfasurarii	Tip (international a=1, nationala=2)	Punctaj
1	Guest lecturer	Guest lecturer teaching climate change in Erasmus Mundus MSc: MSc European Forestry program (http://www.uef.fi/en/web/mdp-europeanforestry).	2017, 2018, 2019	1	5
2	Lecturer	Lecturer Teaching "International Environmental Governance and Forestry" course in the "Multipurpose Forestry" Maste organized by Forestry Faculty (http://old.unitbv.ro/silvicen/Study.aspx)	2018-2019	2	10
3	Key speaker EUSTAFOR and CEPF/CEPI/EOS/EUSTAFOR	12-14.04.2017 Poiana Braşov: GHG mitigation options in forestry; 25.09.2018 Brussels presentation on "The role of European forests in climate change mitigation and adaptation"	2	2	10
4	Forumul Padurilor din Romania	06.12.2017 Bucuresti: Cadrul Energie si Clima - implementare si oportunitati pentru sectorul forestier romanesc	1	1	5
5	Green Growth Group. Ambasada germaniei la Uniunea Europeana.	Uncertainty and inter-annual variability in EU LULUCF accounting	12-13.01.2016	1	5
6	Technical workshop on LULUCF reporting issues under the Kyoto Protocol (http://afoludata.jrc.ec.europa.eu/index.php/public_area%5Cevents_policy)	Instruire experti LULUCF privind interpretarea ghidurilor de buna parctica IPCC (2003, 2006)	13-14.11.2008	1	5
7	JRC technical workshop on LULUCF issues under the Kyoto Protocol	Instruire experti LULUCF privind interpretarea ghidurilor de buna parctica IPCC (2003, 2006)	01.07.2009	1	5
8	JRC technical workshop on LULUCF issues under the Kyoto Protocol	Instruire experti LULUCF privind interpretarea ghidurilor de buna parctica IPCC (2003, 2006)	09-10.11.010	1	5
9	JRC technical workshop on LULUCF issues under the Kyoto Protocol	Instruire experti LULUCF privind interpretarea ghidurilor de buna parctica IPCC (2003, 2006)	21.11.2011	1	5
10	COST E21 Expert Meeting on Monitoring of Forest Soils and Soil. Carbon Assessment in Eastern European Countries, Poiana Brasov,. Romania, 6-8 June 2002	organizator/presedinte intalnire	6-8.06.2002	1	5
11	TECHNICAL WORKSHOP ON DROUGHT PREPAREDNESS IN THE BALKANS WITHIN THE CONTEXT OF THE UNCCD	organizator/presedinte intalnire	25-26.10.2004	1	5
				Total	35

Tipul activitatii: 3.3 Recenzor jurnale stiintifice

Nr. Crt.	Denumirea revistei	Functia detinuta (recenzor, membru redactie, comitet stiintific, etc.)	Perioada	Tip revista (ISI=3, BDI=2, national neindexat=1)	Punctaj
1	Science of The Total Environment	Recenzor	din 2018	3	15
5	Annals of Forest Research (Bucharest, Romania)	Recenzor	din 2010	1	5
				Total	20

Tipul activitatii: 3.7.5 Membru in asociatii/organizatii de prestigiu

Nr. Crt	Denumire activitate	Perioada	Nr. Ani*	Tip (conducere=1, membru organisme conducere=2)	Punctaj
1	Presedintele celui de-al 7-lea Comitet pentru Stiinta si Tehnologie al Conventiei Natiunilor Unite pentru Combaterea Desertificarii (UNCCD)	2005-2007	2	1	10
Total					10.0

Data: 18.07.2019

Candidat,
Viorel N.B. Blujdea