



FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAŢIONALE ÎN CONFORMITATE CU GRILA DE EVALUARE A COMISIEI CNATDCU

Domeniul fundamental: Ştiinţe ingineresti
Comisia: Ingineria resurselor vegetale şi animale

Îndeplinirea indicatorilor specifici de evaluare

Prof.dr.ing. Marius Cătălin BARBU

Nr. crt.	Criteriul de îndeplinit	Condiţii CNATDCU	Punctaj realizat de către candidat
1	Activitatea didactică / profesională (A1)	minim 100 puncte	354,11 puncte
2	Activitatea de cercetare (A2)	minim 260 puncte	829,48 puncte
3	Recunoaştere şi impactul activităţii (A3)	minim 40 puncte	279,33 puncte

Activitatea candidatului

Criteriul	Denumire	Descriere (Calcul punctaj)	Nr. puncte realizate	Cerințe minimale CNATDCU
A1	A.1.1.1.1. Cărți și capitole în cărți de specialitate internaționale	1. Michael Paulitsch, Marius C. Barbu - Holzwerkstoffe der Moderne editura:DRW-Verlag Weinbrenner, Leinfelden-Echterdingen, Germania ISBN:9783871818912 An Aparitie:2015 Nr. Autori:2 Nr. Pagini:528 https://www.eurobuch.com/buch/isbn/9783871818912.html I=528/(2*2)	132	
		2. Marius C. Barbu, Roman Reh, Mark Irle - Research Developments in Wood Engineering and Technology editura:IGI Global, Engineering Science Reference, Hershey, SUA ISBN:9781466645547 An Aparitie:2014 Nr. Autori:3 Nr. Pagini:45 http://www.igi-global.com/chapter/wood-based-composites/84188 I=45/(2*3)	7.5	
		3. Marius C. Barbu, Jörg Hasener, Gregor Bernardy - Research Developments in Wood Engineering and Technology editura:IGI Global, Engineering Science Reference, Hershey, SUA ISBN:9781466645547 An Aparitie:2014 Nr. Autori:3 Nr. Pagini:41 http://www.igi-global.com/chapter/modern-testing-of-wood-basedpanels-process-control-and-modeling/84190 I=41/(2*3)	6.83	
		4. Marius C. Barbu, Roman Reh, Ayfer Dönmez Çavdar - Research Developments in Wood Engineering and Technology editura:IGI Global, Engineering Science Reference, Hershey, SUA ISBN:9781466645547 An Aparitie:2014 Nr. Autori:3 Nr. Pagini:39 http://www.igi-global.com/chapter/non-wood-lignocellulosic-composites/84195 I=39/(2*3)	6.5	
		5. Mark Irle, Marius C. Barbu, Roman Reh, Lars Bergland, Roger M. Rowell - Handbook of Wood Chemistry and Wood Composites editura:CRC Press, Taylor & Francis Group LLC, Boca Raton, SUA ISBN:9781439853801 An Aparitie:2013 Nr. Autori:5 Nr. Pagini:91 https://www.crcpress.com/product/isbn/9781439853801 I=91/(2*5)	9.1	
		6. Mark Irle, Marius C. Barbu - Wood-Based Panels - An Introduction for Specialists editura:Brnel University Press, London, Anglia ISBN:9781902316826 An Aparitie:2010 Nr. Autori:2 Nr. Pagini:94 http://www.cost.eu/media/publications/10-35-Wood-Based-Panels-An-Introduction-for-Specialists I=94/(2*2)	23.5	
A1	A.1.1.1.2. Cărți și capitole în cărți de	1. Marius C. Barbu - MDF – Placi din fibre de lemn cu denitate medie: bazele productiei editura>Editura Universității Transilvania din Brașov ISBN:9736350274 An Aparitie:2002 Nr. Autori:1 Nr. Pagini:240 I=240/(5*1)	48	
		2. Marius C. Barbu - Materiale compozite din lemn editura>Editura LuxLibris, Brasov ISBN:9739240801 An Aparitie:1999 Nr. Autori:1 Nr.Pagini:313 I=313/(5*1)	62.6	
		Total: 8 cărți și capitole în cărți de specialitate internaționale/naționale, dintre care 5 ca prim autor. CRITERIUL (A 1.1.1.1 + A.1.1.1.2) ÎNDEPLINIT	Total 296.03 p.	<i>minim 2, din care 1 ca prim autor</i>

A1	A.1.2.1. Suport didactic manuale, suport curs	1. Marius C. Barbu, Alexandru Mitișor - Tehnologia fabricării placilor din fibre de lemn editura:Universitatea Transilvania din Brasov, An Aparitie:1999 Nr. Autori:2 Nr. Pagini:124 http://portal.unitbv.ro/Portals/0/UserFiles/User175/CarteFibre1999.pdf I=124/8*2	7.75	
		2. Alexandru Mitișor, Marius C. Barbu, Ioan Curtu - Mularea lemnului editura:Universitatea Transilvania din Brasov, An Aparitie:1996 Nr. Autori:3 Nr. Pagini:128 http://catalog.ucv.ro/opac/bibliographic_view/84564.jsessionid=7029A89078D845855A98629CBD6028A8 I=128/8*3	5.33	
		Total: 2 suporturi de curs	Total 13.083 p.	
	A.1.3 Coordonare program de studii	1. UNIBRAL: Integrierte Projekte der Hochschulzusammenarbeit Brasilien-Deutschland forma_de_inv_ps-pfc:universitara facultate_ps-pfc:MIN-Fakultät, Universität Hamburg departament_ps-pfc:Zentrum für Holzwirtschaft an_univ_ps-pfc:2008 DAAD Zuwendungsvertrag2008.pdf	15	
		2. UNIBRAL: Integrierte Projekte der Hochschulzusammenarbeit Brasilien-Deutschland forma_de_inv_ps-pfc:universitara facultate_ps-pfc:MIN-Fakultät, Universität Hamburg departament_ps-pfc:Zentrum für Holzwirtschaft an_univ_ps-pfc:2009 DAAD Zuwendungsvertrag2009.pdf	15	
		3. Fachbereichsleiter für Holztechnologie forma_de_inv_ps-pfc:universitara facultate_ps-pfc:Fachhochschule Salzburg departament_ps-pfc:Holztechnologie und Holzbau an_univ_ps-pfc:2014 http://portal.unitbv.ro/Portals/0/UserFiles/User175/FH-SalzburgFachbereichsleiterHolztechnologie.pdf	15	
		Total: coordonare 3 programe de studii	Total 45 p.	
TOTAL A1 CRITERIU ÎNDEPLINIT			TOTAL A1 354.11p	minim 100p.
A2	A.2.1.1 Articole in reviste cotate ISI și în volume indexate ISI	1. Kain Gunther, Charwat-Pessler Johann, Barbu Marius-Catalin, Plank Bernhard, Richter Klaus, Petutschnigg Alexander (2015). Analyzing wood bark insulation board structure using X-ray computed tomography and modeling its thermal conductivity by means of finite difference method. Journal of Composite Materials, ISSN:00219983, 50(6):1-12. http://jcm.sagepub.com/content/early/2015/04/20/0021998315581511.aabstract $I=((25 + 20 * 1.455)/6) * 1$	9.016	
		2. Kain Günther, Güttler Viola, Barbu Marius Catalin, Petutschnigg Alexander, Richter Klaus, Tondi Gianluca (2014). Density related properties of bark insulation boards bonded with tannin hexamine resin. European Journal of Wood and Wood Products, ISSN:00183768, 72(4):417-424. http://link.springer.com/article/10.1007%2Fs00107-014-0798-4 $I=((25 + 20 * 1.105)/6) * 1$	7.85	
		3. Akrami Ali , Fruehwald Arno , Barbu Marius C. (2014). The effect of fine strands in core layer on physical and mechanical properties of oriented strand boards (OSB) made of beech (Fagus sylvatica) and poplar (Populus tremula). European Journal of Wood and Wood Products, ISSN:00183763, 72(4):521-525. http://link.springer.com/article/10.1007%2Fs00107-014-0802-z $I=((25 + 20 * 1.105)/3) * 1$	15.7	

	<p>4. Akrami Ali, Barbu Marius C., Fruehwald Arno (2014). Characterization of properties of oriented strand boards from beech and poplar. European Journal of Wood and Wood Products, ISSN:00183768, 72(4): 393-398. http://link.springer.com/article/10.1007%2Fs00107-014-0793-9 $I=((25 + 20 * 1.105)/3) * 1$</p>	15.7	
	<p>5. Shalbafan Ali, Benthien Jan T. , Welling Johannes, Barbu Marius C. (2013). Flat pressed wood plastic composites made of milled foam core particleboard residues. European Journal of Wood and Wood Products, ISSN:00183768, 71(6):805-813. http://link.springer.com/article/10.1007%2Fs00107-013-0745-9 $I=((25 + 20 * 1.105)/4) * 1$</p>	11.775	
	<p>6. Zeller Florian , Barbu Marius C. , Iwakiri Setsuo (2013). Paricá (Schizolobium amazonicum) and embaúba (Cecropia sp.) as new raw materials for particleboards. European Journal of Wood and Wood Products, ISSN:00183768, 71(6):823-825. http://link.springer.com/article/10.1007%2Fs00107-013-0725-0 $I=((25 + 20 * 1.105)/3) * 1$</p>	15.7	
	<p>7. Kain Günther, Barbu Marius Catalin, Hinterreiter Stefan, Richter Klaus, Petutschnigg Alexander (2013). Using Bark as a Heat Insulation Material. BioResources, ISSN:19302126, 8(3):3718-3731. http://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_08_3_3718_Kain_Bark_Heat_Insulation $I=((25 + 20 * 1.549)/5) * 1$</p>	11.196	
	<p>8. Glowacki R, Barbu MC, J van Wijck, Chaowana P (2012). The use of coconut husk for high pressure laminate production. Journal of Tropical Forest Science, ISSN:01281283, 24(1):27-36. http://www.frim.gov.my/v1/JTFSONline/jtfs/v24n1/27-36.pdf $I=((25 + 20 * 0.47)/4) * 1$</p>	8.6	
	<p>9. Kain Günther, Barbu Marius Catalin, Teischinger Alfred, Musso Maurizio, Petutschnigg Alexander (2012). Substantial Bark Use as Insulation Material. Forest Products Journal, ISSN:00157473, 62(6):480-487. http://www.forestprodjournals.org/doi/abs/10.13073/FPJ-D-12-00052.1 $I=((25 + 20 * 0.347)/5) * 1$</p>	6.388	
	<p>10. Malanit Pannipa, Barbu Marius C., Frühwald Arno (2011). Physical and mechanical properties of oriented strand lumber made from an Asian bamboo (Dendrocalamus asper Backer). European Journal of Wood and Wood Products, ISSN:00183768, 69(1):27-36 http://link.springer.com/article/10.1007%2Fs00107-009-0394-1 $I=((25 + 20 * 0.606)/3) * 1$</p>	12.373	
	<p>11. Malanit P., Barbu M.C., Frühwald A. (2009). The Gluability and Bonding Quality of an Asian Bamboo (Dendrocalamus Asper) for the Production of Composite Lumber. Journal of Tropical Forest Science, ISSN:01281283, 21(4):361-368. http://www.frim.gov.my/v1/jtfsonline/jtfs/V21n4/361-368.pdf $I=((25 + 20 * 0.323)/3) * 1$</p>	10.486	
	<p>12. Penker A, Barbu MC, Gronalt M (2006). Evaluation of in process storage and warehouse capacities in an MDF production plant. International Journal of Simulation Modelling, ISSN:17264529, 6(1):49-57. Annals of DAAAM for 2006 & Proceedings of the 17th International DAAAM Symposium: Intelligent manufacturing & automation: focus on mechatronics and robotics Pages: 297-298 Published: 2006 http://apps.webofknowledge.com/Search.do?product=WOS&SID=1FhDBth6CWIB7AtUPIL&search_mode=GeneralSearch&prID=54b4ebf5-728f-4544-b6a1-5577fbafde21 $I=((25 + 20 * 0.2)/3) * 1$</p>	9.666	

		13. Wagner Kerstin, Schnabel Thomas, Barbu Marius-Catalin, Petutschnigg Alexander (2015). Analysis of Selected Properties of Fibreboard Panels Manufactured from Wood and Leather Using the Near Infrared Spectroscopy. International Journal of Spectroscopy ISSN:23144920, Volume 2015, Article ID 691796, 6 pages. http://www.hindawi.com/journals/ijs/2015/691796/ $I = ((25 + 20 * 0.814) / 4) * 1$	10.32	
		14. Kain Günther, Lienbacher Bernhard, Barbu Marius-Catalin, Plank Bernhard, Richter Klaus, Petutschnigg Alexander (2016). Evaluation of relationships between particle orientation and thermal conductivity in bark insulation board by means of CT and discrete modeling. Case Studies in Nondestructive Testing and Evaluation, ISSN:22146571, 6(B):21-29. http://www.sciencedirect.com/science/article/pii/S221465711630003X $I = ((25 + 20 * 0) / 6) * 1$	4.166	
		15. Chaowana Pannipa, Barbu Marius C., Frühwald Arno (2015). Bamboo - a functionally graded composite material. Forest Products Journal, ISSN:0015747, 65(3):S48-S53. https://www.researchgate.net/publication/282901515_Bamboo_-_A_functionally_graded_composite_material $I = ((25 + 20 * 0.48) / 3) * 1$	11.533	
		16. Rindler Axel, Solt Pia, Barbu Mariuc C. (2015). Comparison between HB and HDF made from waste leather. Forest Products Journal, ISSN:00157473, 65(3/4):S39-S47. http://www.thefreelibrary.com/Comparison+between+HB+and+HDF+made+from+waste+leather.-a0421213304 $I = ((25 + 20 * 0.48) / 3) * 1$	11.533	
		17. Kain Günther, Barbu Marius Catalin, Richter Klaus, Plank Bernhard, Tondi Gianluca, Petutschnigg Alexander (2015). Use of tree bark as insulation material revista: Forest Products Journal, ISSN:11157473, 65(3/4):S16-S25. http://agris.fao.org/agris-search/search.do?recordID=US201600056907 $I = ((25 + 20 * 0.48) / 6) * 2$	11.533	
		18. Kain G., Guttler V., Lienbacher B., Barbu M.C., Petutschnigg A., K. Richter, G. Tondi (2015). Effect of different flavonoid extracts in the optimization of tannin-glued bark insulation boards. Wood and Fiber Science, ISSN:07356161, 47(3):1-12. http://www.swst.org/publications/wfs/preprints/47%283%29/WFS1812.pdf $I = ((25 + 20 * 0.773) / 7) * 1$	5.78	
		Total: 18 articole în reviste cotate ISI CRITERIUL A.2.1 ÎNDEPLINIT	Total 189.315p.	<i>minim 6 lucrări</i>
A2	A 2.2 Articole în reviste și volumele unor manifestări științifice indexate în	1. Barbu Marius-Catalin, Ristic Ratko (2011). 1st Serbian Forestry Congress "Future with Forests", PRO LIGNO BDI: CABI, ISSN:18414737, 7(1):71-73. http://www.proligno.ro/ro/articles/2011/1/serbia.pdf $I = (15/2) * 2$	15	
		2. Barbu Marius-Catalin (2011). Thanks to high economic rate, Serbia is so called the "Balkan Tiger", PRO LIGNO BDI: CABI, ISSN:18414737, 7(1):60-66. http://proligno.ro/en/articles/2011/1/mapamond.pdf $I = (15/1) * 1$	15	
		3. Barbu Marius-Catalin, Matan Nirundon (2011). International Wood Academy under flooding code in Thailand, PRO LIGNO BDI: CABI, ISSN:18414737, 7(2):66-68. http://www.proligno.ro/ro/articles/2011/2/eveniment.pdf $I = (15/2) * 2$	15	

	4. Barbu Marius-Catalin (2011). Thailand – The Siam’s revival through forest plantations, PRO LIGNO BDI: CABI, ISSN:18414737, 7(2):56-65. http://www.proligno.ro/ro/articles/2011/2/mapamond.pdf I=(15/1) * 1	15	
	5. Barbu Marius-Catalin (2011). Sustainable development and the role of the forest products industry: The 65th International Convention of the Forest Products Society revista:Pro Ligno BDI: CABI, ISSN:18414737, 7(3):68-70. http://www.proligno.ro/en/articles/2011/3/eveniment.pdf I=(15/1) * 1	15	
	6. Barbu Marius-Catalin (2011). Oregon State: King of forest products in the far west of the USA, PRO LIGNO BDI: CABI, ISSN:18414737, 7(3):59-67. http://www.proligno.ro/en/articles/2011/3/mapamond.pdf I=(15/1) * 1	15	
	7. Barbu Marius-Catalin (2012). Turkey – a growing wood sector due to real estate development, PRO LIGNO BDI: CABI ISSN:18414737, 8(1):52-65. http://www.proligno.ro/en/articles/2012/1/mapamond.pdf I=(15/1) * 1	15	
	8. Barbu Marius-Catalin, Salca Emilia-Adela, Tudor Eugenia-Mariana (2012). The 1st Workshop “Basics for Chemistry of Wood Surface Modification”, PRO LIGNO BDI: CABI, ISSN:18414737, 8(2):100-102. http://www.proligno.ro/en/articles/2012/2/eveniment.pdf I=(15/3) * 1	5	
	9. Barbu Marius-Catalin (2012). Participation record at IUFRO All Division 5 “Forest products” Conference, Pro Ligno BDI: CABI ISSN:18414737, 8(3):97-101. http://www.proligno.ro/en/articles/2012/3/lisabona.pdf I=(15/1) * 1	15	
	10. Barbu Marius-Catalin (2012). Forest resources in the far West of Europe. Portugal: Sustainable development and world leader thanks to cork, Pro Ligno BDI: CABI, ISSN:18414737, 8(3):89-96. http://www.proligno.ro/en/articles/2012/3/barbu.pdf I=(15/1) * 1	15	
	11. Barbu Marius-Catalin, Bergmann Stefan (2013). International Convention of the Forest Products Society, Pro Ligno BDI: CABI, ISSN:18414737, 9(3):60-61. http://www.proligno.ro/ro/articles/2013/3/eveniment.pdf I=(15/2) * 2	15	
	12. Barbu Marius-Catalin (2013). China - The Most Important Player in the Global Trade of Wood Based Products, Pro Ligno BDI: CABI ISSN:18414737, 9(2): 62-75. http://www.proligno.ro/en/articles/2013/2/mapamond.pdf I=(15/1) * 1	15	
	13. Barbu Marius-Catalin (2013). Ligna 2013, Pro Ligno BDI: CABI, ISSN:18414737, 9(2):76-77. http://www.proligno.ro/en/articles/2013/2/ligna.pdf I=(15/1) * 1	15	
	14. Barbu Marius-Catalin (2013). Forest and Wood Industry in Romania, PRO LIGNO BDI: CABI, ISSN:18414737, 9(4):3-6. http://www.proligno.ro/ro/articles/2013/4/Introductory%20Note_final.pdf I=(15/1) * 1	15	
	15. Young Timothy M., Barbu Marius C., Petutschnigg Alexander (2013). The Evolution of Knowledge in Forest Products Manufacturing, PRO LIGNO BDI: CABI, ISSN:18414737, 9(4):22-27. http://www.proligno.ro/ro/articles/2013/4/Young_keynote_final.pdf I=(15/3) * 1	5	

	16. Weissensteiner Josef, Barbu Marius C. (2013). Cross Laminated Timber – European Experiences, Pro Ligno BDI: CABI ISSN:18414737, 9(4):69-72. http://www.proligno.ro/ro/articles/2013/4/Weissensteiner_final.pdf I=(15/2) * 1	7.5	
	17. Kain Günther, Heinzmann Bernd, Barbu Marius C., Petutschnigg Alexander (2013). Softwood Bark for Modern Composites, PRO LIGNO BDI: CABI, ISSN:18414737, 9(4):460-468. http://www.proligno.ro/ro/articles/2013/4/Kain_final.pdf I=(15/4) * 1	3.75	
	18. Boran Sevda, Çavdar Ayfer Dönmez, Barbu Marius C. (2013). Evaluation of Bamboo as Furniture Material and its Furniture Designs, Pro Ligno BDI: CABI, ISSN:18414737, 9(4):811-819. http://www.proligno.ro/ro/articles/2013/4/Boran_final.pdf I=(15/3) * 1	5	
	19. Barbu Marius Catalin (2014). Japan: housing sector requires 40% from wood demand, Pro Ligno BDI: CABI, ISSN:18414737, 10(1):54-61. http://www.proligno.ro/ro/articles/2014/1/mapamond_final.pdf I=(15/1) * 1	15	
	20. Salca Emilia-Adela, Barbu Marius Catalin (2014). Portugal in March: European Conference on Wood Modification and Cost Training School on Decorative Laminate, PRO LIGNO BDI: CABI, ISSN:18414737, 10(2):46-47. http://www.proligno.ro/ro/articles/2014/2/eveniment.pdf I=(15/2) * 1	7.5	
	21. Barbu Marius Catalin (2015). 57th SWST International Convention in Zvolen, Pro Ligno BDI: CABI ISSN:18414737, 11(1):41-42. http://www.proligno.ro/ro/articles/2015/1/zvolen.pdf I=(15/1) * 1	15	
	22. Barbu Marius Catalin (2015). WCTE 2014 and the 68th FPS International Convention joined in Quebec, Pro Ligno BDI: CABI, ISSN:18414737, 11(1):43-44. http://www.proligno.ro/ro/articles/2015/1/quebec.pdf I=(15/1) * 1	15	
	23. Tudor Eugenia, Barbu Marius Catalin (2015). 3rd PTFBPI Edition in Salzburg brought Participants Record, Pro Ligno BDI: CABI, ISSN:18414737, 11(1):45. http://www.proligno.ro/en/articles/2015/1/salzburg.pdf I=(15/2) * 1	7.5	
	24. Tudor Eugenia, Barbu Marius Catalin (2015). The 24th IUFRO World Congress focused on the Role of Research, PRO LIGNO BDI: CABI, ISSN:18414737, 11(1):46-47. http://www.proligno.ro/ro/articles/2015/1/iufro.pdf I=(15/2) * 1	7.5	
	25. Barbu Marius Catalin (2015). Ligna 2015 again a Top Fair Edition, Pro Ligno BDI: CABI ISSN:18414737, 11(2):52-53. http://www.proligno.ro/en/articles/2015/2/eveniment.pdf I=(15/1) * 1	15	
	26. Herian Victoria L., Barbu Marius Catalin (2015). The 58th SWST International Convention in Jackson – Wyoming, Pro Ligno BDI: CABI, ISSN:18414737, 11(3):55. http://www.proligno.ro/ro/articles/2015/3/eveniment.pdf I=(15/2) * 1	7.5	
	27. Barbu Marius Catalin (2015). Strong Debates at the XIV World Forestry Congress organized by FAO in Durban. Pro Ligno BDI: CABI, ISSN:18414737, 11(3):56. http://www.proligno.ro/ro/articles/2015/3/eveniment2.pdf I=(15/1) * 1	15	

	28. Young Timothy M., Petutschnigg Alexander, Barbu Marius C. (2015). The Influence of Process and Business Analytics on Product Innovation in the Forest Products Industry. Pro Ligno BDI: CABI, ISSN:18414737, 11(4):10-13. http://www.proligno.ro/ro/articles/2015/4/Young_final.pdf I=(15/3) * 1	5	
	29. Barbu Marius Catalin (2015). Evolution of Lightweight Wood Composites, PRO LIGNO BDI: CABI, ISSN:18414737, 11(4):21-26. http://www.proligno.ro/en/articles/2015/4/Barbu_evolution_final.pdf I=(15/1) * 1	15	
	30. Barbu Marius C., Paulitsch Michael (2015). Development of wood-based products worldwide revista:Pro Ligno BDI: CABI issn:18414737, 11(4):104-109. http://www.proligno.ro/en/articles/2015/4/Barbu_development_final.pdf I=(15/2) * 2	15	
	31. Rindler Axel M., Solt Pia, Barbu Marius C., Schnabel Thomas (2015). Leather Waste Valorisation through Material Innovation: some Properties of Leather Wood Fibreboard. PRO LIGNO BDI: CABI, ISSN:18414737, 11(4):138-143. http://www.proligno.ro/ro/articles/2015/4/Rindler_final.pdf I=(15/4) * 1	3.75	
	32. Nagl Katharina, Barbu Marius C., Schnabel Thomas, Petutschnigg Alexander, Jäger Alexander, Huber Hermann (2015). Use of Annual and Perennial Plants for dimensionally stable Insulation Panels. Pro Ligno BDI: CABI, ISSN:18414737, 11(4):181-186. http://www.proligno.ro/en/articles/2015/4/Nagl_final.pdf I=(15/6) * 1	2.5	
	Total: 32 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale, dintre care 21 ca prim autor CRITERIUL A.2.2. INDEPLINIT	Total 367.5 p	minim 15 lucrări
A 2.3.2 Brevete de invenție, tehnologii și produse omologate internaționale	1. (2003) Wood-fibre semi-finished product and method for producing the same nr. B:EP 1185587 B1, nr. autori: 3 http://www.google.com/patents/EP1185587B1?cl=en I=(40/3)	13.333	
	2. (2008) Lightweight wood-based board and process for producing it nr. B:WO 2008071618 A2, Nr. autori: 4 http://www.google.tl/patents/WO2008071618A2?cl=en I=(40/4)	10	
	3. (2013) Lightweight wood-based board and process for producing it nr. B:AU A 2007332593, Nr. autori: 4 http://www.ipmonitor.com.au/patents/case/2007332593 I=(40/4)	10	
	4. (2013) Lightweight wood-based board and process for producing it nr. B:Letters patent 578195, nr. autori: 4 http://portal.unitbv.ro/Portals/0/UserFiles/User175/Patent_Barbu_NZ.pdf I=(40/4)	10	
	5. (2013) Lightweight wood-based board and process for producing it nr. B:ID P 0033156, nr. autori: 4 http://portal.unitbv.ro/Portals/0/UserFiles/User175/Patent_Barbu_Indonezia.pdf I=(40/4)	10	
	6. (2011) Lightweight wood-based board and process for producing it nr. B:015211, nr. autori: 4 http://portal.unitbv.ro/Portals/0/UserFiles/User175/Patent_Barbu_Rusia.pdf I=(40/4)	10	

		7. (2014) Dämmplatten aus Baumrinde nr. B:AT 512707 B1, nr. autori: 3 http://portal.unitbv.ro/Portals/0/UserFiles/User175/Patent2014Barbu_D%C3%A4mm.pdf I=(40/3)	13.333	
		Total: 7 brevete de invenție	Total 76.666 p.	
		CRITERIUL A.2.3. INDEPLINIT		
A 2.4.1.1 Granturi/proiecte internaționale ca director		1. COST E49 Processes and Performance of Wood-based Composites finantator: COST nr. ctr.: FPS COST E 49, perioada: 2005-2009 Valoare grant: 110000 Euro, ani desfasurare: 5 http://www.cost.eu/COST_Actions/fps/Actions/E49?management I= 20*5	100	
		2. UNIBRAL: Integrierte Projekte der Hochschulzusammenarbeit Brasilien-Deutschland finantator: DAAD nr. ctr.: 415-uinbral/po-D/07/09660, perioada: 2008-2009 Valoare grant: 36920 Euro, ani desfasurare: 2 http://portal.unitbv.ro/Portals/0/UserFiles/User175/DAAD_Zuwendung_svertrag2008.pdf I= 20*2	40	
		3. Spezifische Charakterisierung von bereitgestellten Prozessabwasser und Evaluierung der Möglichkeiten zur Generierung von Wertstoffen finantator: Landesfoerderungstelle Oberoesterreich, Sappi (Gratkorn), Schweighofer (Hallein), MinerWA (Linz), GIG Karasek (Gloggnitz), nr. ctr.: FHS2012, perioada: 2012-2014, Valoare grant: 36000 Euro, ani desfasurare: 2 http://portal.unitbv.ro/Portals/0/UserFiles/User175/FHS_BestaetigungF&E_Barbu.pdf I= 20*2	40	
		Total: 3 contracte internațional în calitate de director	Total 180 p.	<i>minim 2 granturi</i>
		CRITERIUL A.2.4.1. INDEPLINIT		
A 2.4.2.1 Granturi/proiecte internaționale ca membru în echipa		1. Flame: Integrierte (Markt-) Entwicklung von natürlichen, flammhemmenden Werkstoffen aus Lederspänen für erhöhte Brandsicherheit, perioada: 2012-2015, finantator: Forschungsfoerderungsgesellschaft (FFG), nr.ctr.: 836988 Euro, ani desfasurare: 2 http://www.cluster-forstholzbayern.de/en/193-akkordeons/themen/brandschutz-projekte/1452-flame I= (4*[2])	8	
		2. BioInsPa: Up-cycling von Stroh-Biogene Dämmplatte-Entwicklung und Anwendungsmöglichkeiten, perioada: 2012-2015, finantator: Forschungsfoerderungsgesellschaft (FFG), nr.ctr.: 836991 Euro, ani desfasurare: 2 http://www.fh-salzburg.ac.at/forschung-entwicklung/holz-und-biogene-technologien/projekte/abgeschlossen/ I= (4*[2])	8	
		Total: 2 contracte internaționale în calitate de membru	Total 16 p.	
TOTAL A2			TOTAL A2 829.48 p.	<i>minim 260p.</i>
CRITERIU ÎNDEPLINIT				
A3	A 3.1.1. Citări în	<i>Titlu citat:</i> Density related properties of bark insulation boards bonded with tannin hexamine resin issncitat:ISSN 0018-3768 NrCitariInISI:6 NrAutoriArticolCitat:6 I=(6 * 10/ 6)	10	

		<p><i>Titlu citat:</i> The effect of fine strands in core layer on physical and mechanical properties of oriented strand boards (OSB) made of beech (<i>Fagus sylvatica</i>) and poplar (<i>Populus tremula</i>) issncitat: 0018-3768 NrCitariInISI:3 NrAutoriArticolCitat:3</p> <p>I=(3 * 10/ 3)</p>	10	
		<p><i>Titlu citat:</i> Characterization of properties of oriented strand boards from beech and poplar issncitat:0018-3768 NrCitariInISI:4 NrAutoriArticolCitat:3</p> <p>I=(4 * 10/ 3)</p>	13.333	
		<p><i>Titlu citat:</i> Using Bark as a Heat Insulation Material issncitat:1930-2126 NrCitariInISI:6 NrAutoriArticolCitat:5</p> <p>I=(6 * 10/ 5)</p>	12	
		<p><i>Titlu citat:</i> Substantial Bark Use as Insulation Material issncitat:0015-7473 NrCitariInISI: 2 NrAutoriArticolCitat: 5</p> <p>I=(2 * 10/ 5)</p>	4	
		<p><i>Titlu citat:</i> Physical and mechanical properties of oriented strand lumber made from an Asian bamboo (<i>Dendrocalamus asper</i> Backer) issncitat:0018-3768 NrCitariInISI:18 NrAutoriArticolCitat:3</p> <p>I=(18 * 10/ 3)</p>	60	
		<p>Total: 39 citări în reviste ISI</p> <p style="text-align: center;">CRITERIUL A.3.1 INDEPLINIT</p>	Total 109.33 p.	-
A3	A.3.2. Prezentări invitate la conferințe științifice internaționale / naționale	World Market Development of Wood-based Products conferinta:PTFBPI 2014 data:2014 Autori:2 http://ptfbpi2014.fh-salzburg.ac.at/index.php?id=5	10	
		Evolution of Lightweight Wood Composites conferinta:10th ICWSE, 5-7 November, Brasov data:2015 Autori:1 http://www.unitbv.ro/fil/Conferinte/ICWSE2015/ConferenceProgramme.aspx	5	
		Entwicklung neuer leichter Verbundwerkstoffe aus Holz und anderen Materialien conferinta:HOLZ+ Symposium für Verbundtechnologien, Augsburg data:2016 Autori:1 http://www.holzverbund.net/aktuelles-informationen/holzverbund-symposium0/programm/	10	
	A.3.2.2 Prezentări la conferințe – Profesor invitat	Shizuoka University, Japan perioada:September 2014	10	
		University of Stellenbosch, South Africa perioada:2014	10	
University of Tennessee, Knoxville, USA perioada:> June 2014		10		
Shizuoka University perioada:September 2015		10		
Shizuoka University perioada:September 2016		10		
		<p>Total: 8 prezentări la conferințe – prezentări invitate + profesor invitat</p> <p style="text-align: center;">CRITERIUL A.3.2 INDEPLINIT</p>	Total 75 p.	-
A3	A.3.4.1. Experie	Scientific Vicedirector of PTFBPI 2014 (Kuchl, Austria) anidesfasurare:1	5	

		Scientific director of Short Course on Wood-based Composites (Trabzon, Turkey) anidesfasurare:1	5	
		Total: 2 poziții management CRITERIUL A.3.4 INDEPLINIT	Total 10 p.	-
A3	A.3.5.3. Premii	Hauptpreis Dr. Erhard Busek Würdigungspreis 2016 AnAcordare:2016 busek1ok.txt	10	
		Total: 1 premiu internațional CRITERIUL A.3.5 INDEPLINIT	Total 10 p.	-
A3	A.3.6.3.1. Conducere	Forest Products Society (2012-prezent) http://www.forestprod.org/join_the_community/europe.php	30	
		International Union of Forest Research Organization (2000-prezent) http://www.iufro.org/who-is-who/officeholder/Barbu/	30	
	A.3.6.4.1. Membru asociații profesionale	Forest Products Society (1995-2002; 2012-prezent) http://www.forestprod.org/join_the_community/europe.php	5	
		Society of Wood Science and Technology (1999-2000; 2014-2015) http://www.swst.org/	5	
		International Union of Forestry Research Organization (1995-prezent) http://www.iufro.org/who-is-who/officeholder/barbu/	5	
		Total = conducere 2 asociații + membru în 3 asociații profesionale internaționale CRITERIUL A.3.6 INDEPLINIT	Total 75 p.	-
TOTAL A3 CRITERIU ÎNDEPLINIT			TOTAL A3 279.33 p.	<i>minim</i> <i>40p.</i>

Data: 24.02.2017

Prof.dr.ing. Marius Cătălin BARBU