



# Universitatea *Transilvania* din Braşov

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

*domeniul fundamental „Ştiinţe ingineresti”  
comisia de specialitate „Ingenieria resurselor vegetale şi animale”*

Îndeplinirea indicatorilor specifici de evaluare

Prof. dr. ing. Iosif VOROVENCII

Nr. crt.	Domeniul de activitate	Minim de îndeplinit (puncte)	Punctaj realizat
1.	Activitatea didactică / profesională (A1)	100	529,55
2.	Activitatea de cercetare (A2)	260	1388,74
3.	Recunoaşterea şi impactul activităţii (A3)	40	141,67
<b>Total</b>		<b>400</b>	<b>2059,96</b>

Domeniu	Tip şi restricţii	Calculare indicator pentru profesor universitar	Valoare indicator
A1	Carti şi capitole în carti de specialitate (minim 2, din care 1 prim autor).	<ol style="list-style-type: none"><li><b>Vorovencii, I., 2015 – Teledetecţie satelitară.</b> Editura Matrix Rom Bucureşti. ISBN 978-606-25-0142-6. <b>Punctaj: 600 pag. / (5 × 1) = 120,00 pct.</b></li><li>Chiţea, Gh., <b>Vorovencii, I., Chiţea, C.Gh., 2015 – Reţele topogeodezice.</b> Editura Lux Libris Braşov. ISBN 978-973-131-320-7. <b>Punctaj: 524 pag. / (5 × 3) = 34,93 pct.</b></li><li>Chiţea, Gh., <b>Vorovencii, I., Mihăilă, M., Chiţea, C.Gh., 2011 – Topografie. Metode de ridicare în plan.</b> Editura Lux Libris Braşov. ISBN 978-973-131-108-1. <b>Punctaj: 346 pag. / (5 × 4) = 17,30 pct.</b></li><li>Chiţea, Gh., <b>Vorovencii, I., Mihăilă, M., Chiţea, C.Gh., 2011 – Instrumente topografice şi geodezice.</b> Editura Lux Libris Braşov. ISBN 978-973-131-096-1. <b>Punctaj: 274 pag. / (5 × 4) = 13,70 pct.</b></li><li><b>Vorovencii, I., 2010 – Fotogrammetrie.</b> Editura Matrix Rom Bucureşti. ISBN 978-973-755-580-9. <b>Punctaj: 530 pag. / (5 × 1) = 106,00 pct.</b></li><li><b>Vorovencii, I., Pădure, I., 2010 – Cadastre de specialitate.</b> Editura Universităţii <i>Transilvania</i> din Braşov. ISBN 978-973-598-677-3. <b>Punctaj: 237 pag. / (5 × 2) = 23,70 pct.</b></li><li><b>Vorovencii, I., 2006 – Topografie.</b> Editura Universităţii <i>Transilvania</i> din Braşov. ISBN 973-635-616-7. <b>Punctaj: 364 pag. / (5 × 1) = 72,80 pct.</b></li><li>Chiţea, Gh., Kiss, A., <b>Vorovencii, I., 2003 – Fotogrammetrie şi teledetecţie.</b> Editura Universităţii <i>Transilvania</i> din Braşov. ISBN 973-635-157-2. <b>Punctaj: 251 pag. / (5 × 3) = 16,73 pct.</b></li><li>Kiss, A., Chiţea, Gh., <b>Vorovencii, I., 2001 – Topografie.</b> Editura Universităţii <i>Transilvania</i> din Braşov. ISBN 973-8124-61-1. <b>Punctaj: 175 pag. / (5 × 3) = 11,66 pct.</b></li><li>Chiţea, Gh., <b>Vorovencii, I., 2000 - Topografie inginerescă.</b> Editura Universităţii <i>Transilvania</i> din Braşov. ISBN 973-9474-58-6. <b>Punctaj: 225 pag. / (5 × 2) = 22,50 pct.</b></li></ol>	439,32

	Suport didactic	<ol style="list-style-type: none"> <li>1. Chițea, Gh., <b>Vorovencii, I.</b>, Mihăilă, M., 2002 – <i>Elemente de topografie și biostatistică</i> (Curs ID). Universitatea Transilvania din Brașov. 242 pagini. <b>Punctaj: 242 pag. / (8 × 3) = 10,08 pct.</b></li> <li>2. <b>Vorovencii, I.</b>, 2000 - <i>Topografie. Indrumar de lucrări practice</i>. Universitatea Transilvania din Brașov. 249 pagini. <b>Punctaj: 249 pag. / (8 × 1) = 31,12 pct.</b></li> <li>3. Kiss, A., <b>Vorovencii, I.</b>, 2000 - <i>Fotogrametrie</i>. Universitatea Transilvania din Brașov. <b>Punctaj: 117 pag. / (8 × 2) = 7,31 pct.</b></li> <li>4. Kiss, A., Chițea, Gh., <b>Vorovencii, I.</b>, 1999 - <i>Topografie</i>. Universitatea Transilvania din Brașov. 163 pagini. <b>Punctaj: 163 pag. / (8 × 3) = 6,79 pct.</b></li> <li>5. Chițea, Gh., <b>Vorovencii, I.</b>, 1999 - <i>Topografie și biostatistică</i>. Universitatea Transilvania din Brașov. <b>Punctaj: 319 pag. / (8 × 2) = 19,93 pct.</b></li> </ol>	75,23
	Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale	Coordonator program de studii Măsurători Terestre și Cadastru Facultatea de Silvicultură și Exploatare Forestiere Universitatea Transilvania din Brașov Perioadă 2012 - prezent	15,00
<b>Total A1</b>			<b>529,55</b>
A2	Articole in reviste cotate ISI Thomson Reuters si in volume indexate ISI proceedings. Minim 6 articole pentru Profesor	<p><b>Articole in reviste cotate ISI Thomson Reuters:</b></p> <ol style="list-style-type: none"> <li>1. <b>Vorovencii, I.</b>, 2015 - Assessing and monitoring the risk of desertification in Dobrogea, Romania, using Landsat data and decision tree classifier. <i>Environmental Monitoring and Assessment</i>. Vol. 187, No. 4, Article 204 (FI = 1,679), (SRI = 0,749). <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=1">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=1</a>. <b>Punctaj: [(25+20 x 1,679)/1] x 2 = 117,16 pct.</b></li> <li>2. <b>Vorovencii, I.</b>, 2014 - A change vector analysis technique for monitoring land cover changes in Copsa Mica, Romania, in the period 1985-2011. <i>Environmental Monitoring and Assessment</i>. Vol. 186, No. 9, p. 5951-5968 (FI = 1,679) (SRI = 0,749). <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=2">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=2</a>. <b>Punctaj: [(25+20 x 1,679)/1] x 2 = 117,16 pct.</b></li> <li>3. <b>Vorovencii, I.</b>, 2014 - Assessment of some remote sensing techniques used to detect land use/land cover changes in south-east Transilvania, Romania. <i>Environmental Monitoring and Assessment</i>. Vol. 186, No. 5, p. 2685-2699 (FI = 1,679) (SRI = 0,749). <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=3">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=3</a>. <b>Punctaj: [(25+20 x 1,679)/1] x 2 = 117,16 pct.</b></li> <li>4. <b>Vorovencii, I.</b>, 2014 - A multi-temporal Landsat data analysis of land use and land cover changes on the land surface temperature. <i>International Journal of Environment and Pollution</i>. Vol. 56, Nos. 1/2/3/4, p. 109–128 (FI = 0,303), (SRI = 0,214). <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=2ELei6Vech2VgldwUWT&amp;page=1&amp;doc=2">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=2ELei6Vech2VgldwUWT&amp;page=1&amp;doc=2</a>. <b>Punctaj: [(25+20 x 0,303)/1] x 2 = 62,12 pct.</b></li> <li>5. <b>Vorovencii, I.</b>, 2014 - Detection of environmental changes due to</li> </ol>	

		<p>windthrows using Landsat 7 ETM+ satellite images. <i>Environmental Engineering and Management Journal</i>, Vol. 13, No. 3, p. 565-576 (FI = 1,258) (SRI = 0,111). <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=4">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=4</a>.</p> <p><b>Punctaj: [(25+20 x 1,258)/1] x 2 = 100,32 pct.</b></p> <p>6. Ienciu, I., Vorovencii, I., Oprea, L., Popescu, C., 2013 - Urban development of mountain areas with the aim of developing local tourism. <i>Journal of Environmental Protection and Ecology</i>, Vol. 14, No. 3, p. 980-985 (FI = 0,338) (SRI = 0,033). <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=5">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=5</a>. <b>Punctaj: [(25+20 x 0,338)/4] x 1 = 7,94 pct.</b></p> <p>7. Vorovencii, I., 2013 - Analysis of the changes in the metropolitan area of Brasov, Romania, using Landsat multitemporal satellite images. <i>Environmental Engineering and Management Journal</i>, <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/accepted/347_94_Vorovencii_13.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/accepted/347_94_Vorovencii_13.pdf</a>. (FI = 1,258) (SRI = 0,111). <b>Punctaj: [(25+20 x 1,258)/1] x 2 = 100,32 pct.</b></p> <p>8. Vorovencii, I., 2011 - The assessment of the impact on the environment of the limestone quarries using satellite images. <i>Environmental Engineering and Management Journal</i>, Vol. 10, No. 10, p. 1511-1522 (FI = 1,004). <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=2&amp;doc=11">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=2&amp;doc=11</a>. <b>Punctaj: [(25+20 x 1,004)/1] x 2 = 90,16 pct.</b></p> <p><b>Articole în volum indexate ISI proceedings:</b></p> <p>9. Vorovencii, I., Tereşneu, C.C., Vasilescu, M.M., 2014 - <i>Assessing the performance of relative radiometric normalization methods for some vegetation indices</i>. International Multidisciplinary Scientific Geoconferences, 14<sup>th</sup> GeoConference on Informatics, Geoinformatics and Remote Sensing. Vol. – Photogrammetry and Remote Sensing, 17-26 June, 2014, Albena, Bulgaria. DOI: <a href="https://doi.org/10.5593/SGEM2014/B23/S10.004">10.5593/SGEM2014/B23/S10.004</a>. <a href="http://www.sgem.org/sgemlib/spip.php?article4202&amp;lang=en">http://www.sgem.org/sgemlib/spip.php?article4202&amp;lang=en</a>. <b>Punctaj: (25/3) x 2 = 16,66 pct.</b></p> <p>10. Tereşneu, C.C., Vorovencii, I., Vasilescu, M.M. 2014 - <i>Statistical study on the accuracy of determining points coordinates in mountain forests from Bran-Brasov, Romania</i>. International Multidisciplinary Scientific Geoconferences, 14<sup>th</sup> GeoConference on Informatics, Geoinformatics and Remote Sensing. Vol. – Cartography and GIS, 17-26 June, 2014, Albena, Bulgaria. DOI: <a href="https://doi.org/10.5593/SGEM2014/B23/S11.113">10.5593/SGEM2014/B23/S11.113</a>. <a href="http://www.sgem.org/sgemlib/spip.php?article4311&amp;lang=en">http://www.sgem.org/sgemlib/spip.php?article4311&amp;lang=en</a>. <b>Punctaj: (25/3) x 1 = 8,33 pct.</b></p> <p>11. Vasilescu, M.M., Tereşneu, C.C., Vorovencii, I., 2014 - <i>Assessment of the forest shelterbelts effect on local dynamics of snow layer, soil moisture and agricultural crop yields as a second function</i>. International Multidisciplinary Scientific Geoconferences, 14<sup>th</sup> GeoConference on Informatics, Geoinformatics and Remote Sensing. Vol. – Ecology and Environmental Protection, 17-26 June, 2014, Albena, Bulgaria. DOI: <a href="https://doi.org/10.5593/SGEM2014/B52/S20.010">10.5593/SGEM2014/B52/S20.010</a>. <a href="http://www.sgem.org/sgemlib/spip.php?article4822&amp;lang=en">http://www.sgem.org/sgemlib/spip.php?article4822&amp;lang=en</a>. <b>Punctaj: 0 pct.</b></p> <p>12. Oprea, L., Ienciu, I., Popescu, C., Vorovencii, I. 2014 - <i>Urban conversion and topographic extension of residential land in view of</i></p>	791,49
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		<p><i>building new housing complexes</i>. International Multidisciplinary Scientific Geoconferences, 14<sup>th</sup> GeoConference on Informatics, Geoinformatics and Remote Sensing. Vol. II – Geodesy and Mine Surveying, 17-26 June, 2014, Albena, Bulgaria. p. 623-628. DOI: <a href="https://doi.org/10.5593/SGEM2014/B22/S9.078">10.5593/SGEM2014/B22/S9.078</a>. <a href="http://www.sgem.org/sgemlib/spip.php?article4192&amp;lang=en">http://www.sgem.org/sgemlib/spip.php?article4192&amp;lang=en</a>.</p> <p><b>Punctaj: 0 pct.</b></p> <p>13. <b>Vorovencii, I.,</b> Oprea, L., Ienciu, I., Popescu, C., 2013 - <i>Assessment of land surface temperature from satellite data for different land use and land cover</i>. 13<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2013. Vol. II - Informatics, Geoinformatics and Remote Sensing. ISBN 978-619-7105-01-8 / ISSN 1314-2704. 16-22 June, 2013, Albena, Bulgaria, p. 571-578. DOI: <a href="https://doi.org/10.5593/SGEM2013/BB2.V2/S10.004">10.5593/SGEM2013/BB2.V2/S10.004</a>. <a href="http://apps.webofknowledge.com/ulrecord.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHD0sbvTVWTAYk&amp;page=1&amp;doc=8">http://apps.webofknowledge.com/ulrecord.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHD0sbvTVWTAYk&amp;page=1&amp;doc=8</a>. <b>Punctaj: (25/4) x 2 = 12,50 pct.</b></p> <p>14. <b>Vorovencii, I.,</b> Ienciu, I., Oprea, L., Popescu, C., 2013 - <i>Identification of illegal loggings in Harghita Mountains, Romania, using Landsat satellite images</i>. 13<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2013. Vol. II - Informatics, Geoinformatics and Remote Sensing. ISBN 978-619-7105-01-8 / ISSN 1314-2704. 16-22 June, 2013, Albena, Bulgaria, p. 609-616. DOI: <a href="https://doi.org/10.5593/SGEM2013/BB2.V2/S10.009">10.5593/SGEM2013/BB2.V2/S10.009</a>. <a href="http://apps.webofknowledge.com/ulrecord.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHD0sbvTVWTAYk&amp;page=1&amp;doc=9">http://apps.webofknowledge.com/ulrecord.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHD0sbvTVWTAYk&amp;page=1&amp;doc=9</a>. <b>Punctaj: (25/4) x 2 = 12,50 pct.</b></p> <p>15. <b>Vorovencii, I.,</b> Oprea, L., Ienciu, I., Popescu, C., 2013 - <i>Landsat satellite images used in identification of land use and land cover in mountain area</i>. 13<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2013. Vol. II - Informatics, Geoinformatics and Remote Sensing. ISBN 978-619-7105-01-8 / ISSN 1314-2704. 16-22 June, 2013, Albena, Bulgaria, p. 617-624. DOI: <a href="https://doi.org/10.5593/SGEM2013/BB2.V2/S10.010">10.5593/SGEM2013/BB2.V2/S10.010</a>. <a href="http://apps.webofknowledge.com/ulrecord.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHD0sbvTVWTAYk&amp;page=1&amp;doc=10">http://apps.webofknowledge.com/ulrecord.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHD0sbvTVWTAYk&amp;page=1&amp;doc=10</a>. <b>Punctaj: 0 pct.</b></p> <p>16. <b>Vorovencii, I.,</b> Iordache, E., 2013 - <i>Identification and Analysis of Forest Disturbances and Fragmentation in Giurgeu Mountains, Romania, Using Landsat Data</i>. The sixth international scientific conference "Rural Development 2013" Innovations and Sustainability. ISSN 2345-0916. 28-29 November, 2013, Aleksandras Stulginskis University, Lithuania. p. 513-518. In curs de indexare. <a href="http://www.asu.lt/rural_development/en/49912">http://www.asu.lt/rural_development/en/49912</a>. <b>Punctaj: (25/2) x 2 = 25,00 pct.</b></p> <p>17. Iordache, E., Niță, D.M., <b>Vorovencii, I.,</b> Borz, S.A., Ignea, Gh., Drosos, V., 2013 - <i>Approaches for the planning of forest roads network according to environmental impact assessment</i>. The sixth international scientific conference "Rural Development 2013" Innovations and Sustainability. ISSN 2345-0916. 28-29 November, 2013, Aleksandras Stulginskis University, Lithuania. p. 285-291. In curs de indexare. <a href="http://www.asu.lt/rural_development/en/49912">http://www.asu.lt/rural_development/en/49912</a>. <b>Punctaj: (25/6) x 1 = 4,16 pct.</b></p> <p>18. Oprea, L., Ienciu, I., <b>Vorovencii, I.,</b> Popescu, C., Voicu, G., 2013 – <i>An optimized cadastral registration system for real estate property in Romania</i>. 13<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2013. Vol. II - Informatics, Geoinformatics and Remote Sensing. ISBN 978-619-7105-01-8 / ISSN 1314-2704. 16-22 June, 2013, Albena,</p>	
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		<p>Bulgaria, p. 33-40. DOI:10.5593/SGEM2013/BB2.V2/S09.005. <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=6">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=6</a>. <b>Punctaj: 0 pct.</b></p> <p>19. Ienciu, I., Oprea, L., Popescu, C., Vorovencii, I., Voicu, G., 2013 – <i>Survey mapping of romanian forestland and its update through low-cost application</i>. 13<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2013. Vol. II - Informatics, Geoinformatics and Remote Sensing. ISBN 978-619-7105-01-8 / ISSN 1314-2704. 16-22 June, 2013, Albena, Bulgaria, p. 443-450. DOI:10.5593/SGEM2013/BB2.V2/S09.057. <a href="http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=7">http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=4CdFmSHDOsbvTVWTAYk&amp;page=1&amp;doc=7</a>. <b>Punctaj: 0 pct.</b></p>	
<p>Articole in reviste si volumele manifestărilor știintifice indexate in alte baze de date internaționale. Minim 15 pentru Profesor.</p>	<ol style="list-style-type: none"> <li>1. <b>Vorovencii, I.</b>, 2015 - <i>Monitoring deforestation and vegetation regeneration in Trotusului Valley, Romania, using change vector analysis and Landsat imagery</i>. Proceedings of the Biennial International Symposium, <i>Forest and Sustainable Development</i>, Brașov, Romania, 24-25th of October 2014, p. 356-361. <a href="http://www.unitbv.ro/fsilvic/InternationalSymposium2014/Proceedings.aspx">http://www.unitbv.ro/fsilvic/InternationalSymposium2014/Proceedings.aspx</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></li> <li>2. <b>Vorovencii, I.</b>, Muntean, D.M., 2014 - Relative radiometric normalization methods: overview and an application to Landsat images. <i>Journal of Geodesy and Cadastre, RevCAD</i>, No. 17, p. 193-200. <a href="http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html">http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html</a>. <b>Punctaj: (15/2) x 2 = 15 pct.</b></li> <li>3. <b>Vorovencii, I.</b>, 2014 - Assessment of NDVI for different land covers before and after atmospheric corrections. <i>Bulletin of the Transilvania University of Brasov, Series II – Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol. 7(56), No. 1, p. 43-50. <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>. <a href="http://www.cabdirect.org/search.html?jsessionid=227B49E9E5F79BF A0974E0CD231AEF2F?start=10&amp;q=bulletin+of+the+transilvania+university+of+brasov%2C+series+II+forestry+woodworking+industry+agricultural+food+engineering">http://www.cabdirect.org/search.html?jsessionid=227B49E9E5F79BF A0974E0CD231AEF2F?start=10&amp;q=bulletin+of+the+transilvania+university+of+brasov%2C+series+II+forestry+woodworking+industry+agricultural+food+engineering</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></li> <li>4. <b>Vorovencii, I.</b>, Oprea, L., Ienciu, I., Popescu, C., 2013 - Evaluation of land surface temperature for different land cover using Landsat TM thermal infrared band. <i>Annals of West University of Timisoara, Series of Chemistry</i>, Vol. 22, No. 1, p. 1-6. <a href="http://search.proquest.com/openview/c1bd4e9172642da4716cbfd934aab0e5/1?pq-origsite=gscholar">http://search.proquest.com/openview/c1bd4e9172642da4716cbfd934aab0e5/1?pq-origsite=gscholar</a>. <b>Punctaj: (15/4) x 2 = 7,50 pct.</b></li> <li>5. <b>Vorovencii, I.</b>, Muntean, D.M., 2012 - Evaluation of supervised classification algorithms for Landsat 5 TM images. <i>Journal of Geodesy and Cadastre, RevCAD</i>, No. 11, p. 229-238. <a href="http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html">http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html</a>. <b>Punctaj: (15/2) x 2 = 15 pct.</b></li> <li>6. <b>Vorovencii, I.</b>, 2012 - Optical and active satellite sensors used in forestry. <i>Bulletin of the Transilvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol 5(54), No. 2, p. 63-70. <a href="http://www.cabdirect.org/abstracts/20133021968.html?resultNumber=3&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20133021968.html?resultNumber=3&amp;q=vorovencii</a> <b>Punctaj: (15/1) x 2 = 30 pct.</b></li> <li>7. <b>Vorovencii, I.</b>, 2012 - <i>Highlighting of temperatures on Landsat 5 TM thermal infrared image</i>. Proceedings of the Biennial International Symposium, <i>Forest and Sustainable Development</i>, Brașov, Romania, 19-20th October 2012, p. 59-64. <a href="http://www.cabdirect.org/abstracts/20133203649.html?resultNumber=2&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20133203649.html?resultNumber=2&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></li> <li>8. <b>Vorovencii, I.</b>, Muntean D. M., 2012 - Remote sensing – Means of</li> </ol>	<p>535,25</p>	

		<p>study and general analysis of the forest. <i>Bulletin of the Transilvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol. 5(54), No. 1, p. 123-128. <a href="http://www.cabdirect.org/abstracts/20123387844.html?resultNumber=8&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20123387844.html?resultNumber=8&amp;q=vorovencii</a>. <b>Punctaj: (15/2) x 2 = 15 pct.</b></p> <p>9. <b>Vorovencii, I.</b>, Chițea Gh., Iordache, E., Mihăilă, M., 2011 - DEM generation from ASTER satellite data. <i>Journal of Geodesy and Cadastre, RevCAD</i>, No. 11, p. 229-238. <a href="http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html">http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html</a>. <b>Punctaj: (15/4) x 2 = 7,50 pct.</b></p> <p>10. Chițea, Gh., Derczeni, R., Iordache, E., Mihăilă, M., <b>Vorovencii, I.</b> 2011 - Possibilities to establish the stands volume using GIS and satellite recordings. <i>Journal of Geodesy and Cadastre, RevCAD</i>, No. 11, p. 45-50. <a href="http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html">http://jml2012.indexcopernicus.com/REVCAD+JOURNAL+OF+GEODESY+AND+CADASTRE,p1642,3.html</a>. <b>Punctaj: (15/5) x 1 = 3 pct.</b></p> <p>11. <b>Vorovencii, I.</b>, 2011 - Aspects of optical sensors satellitare used in forestry and forest research. <i>Romanian Journal of Civil Engineering</i>, Vol. 2, No. 1, p. 25-35. <a href="http://jml2012.indexcopernicus.com/Revista+Romana+de+Inginerie+Civila,p1249,3.html">http://jml2012.indexcopernicus.com/Revista+Romana+de+Inginerie+Civila,p1249,3.html</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>12. <b>Vorovencii, I.</b>, 2011 – Aspects regarding NDVI index calculated for softwood and mixed stand. <i>Bulletin of the Transilvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol. 4(53), No. 2, p. 85-90. <a href="http://www.cabdirect.org/abstracts/20123387824.html?resultNumber=6&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20123387824.html?resultNumber=6&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>13. <b>Vorovencii, I.</b>, 2011 – Satellite remote sensing in environmental impact assessment: An overview. <i>Bulletin of the Transilvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol. 4(53), No. 1, p. 73-80. <a href="http://www.cabdirect.org/abstracts/20123415390.html?resultNumber=4&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20123415390.html?resultNumber=4&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>14. <b>Vorovencii, I.</b>, Chițea, Gh., Mihăilă, M., 2010 – <i>Aspects regarding direct georeferencing of digital aerial images</i>. Proceedings of the Biennial International Symposium, Forest and Sustainable Development, Brasov, Romania, 15-16th October 2010, 2011, p. 573-578. <a href="http://www.cabdirect.org/abstracts/20123105466.html?resultNumber=12&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20123105466.html?resultNumber=12&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/3) x 2 = 10 pct.</b></p> <p>15. <b>Vorovencii, I.</b>, 2010 - Optical and thermal space-borne sensors - A review. <i>Bulletin of the Transilvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol. 3(52), p. 115-122. <a href="http://www.cabdirect.org/abstracts/20123387799.html?resultNumber=5&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20123387799.html?resultNumber=5&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>16. Chițea, Gh., <b>Vorovencii, I.</b>, Derczeni, R., Iordache, E., Mihăilă, M., 2010 – <i>Aspects regarding the possibilities to evaluate the forest stand characteristics using satellite recordings with high spatial definition</i>. Proceedings of the Biennial International Symposium, Forest and Sustainable Development, Brasov, Romania, 15-16th October 2010, 2011, p. 519-524. <a href="http://www.cabdirect.org/abstracts/20123105540.html?resultNumber=0&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20123105540.html?resultNumber=0&amp;q=vorovencii</a>. <b>Punctaj: (15/5) x 1 = 3 pct.</b></p> <p>17. <b>Vorovencii, I.</b>, 2009 - <i>Aspects regarding the analysis of general changes in forest found using aerial and satellite images</i>. Lucrările sesiunii științifice bienale cu participare internațională Pădurea și Dezvoltarea Durabilă Brasov, 17-18 octombrie 2008, 2009, p. 471-478. <a href="http://www.cabdirect.org/abstracts/20093229944.html?resultNumber">http://www.cabdirect.org/abstracts/20093229944.html?resultNumber</a></p>	
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		<p><a href="#">er=18&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>18. <b>Vorovencii, I.</b>, 2009 - The hyperspectral sensors used in satellite and aerial remote sensing. <i>Bulletin of the Transilvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol. 2(51), p. 51-56. <a href="http://www.cabdirect.org/abstracts/20123222210.html?resultNumber=7&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20123222210.html?resultNumber=7&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>19. Chițea, Gh., <b>Vorovencii, I.</b>, Mihăilă, M., Iordache, E., Derczeni, R., 2009 - <i>Aspects regarding the crown's diameters and trees' height determination on satellite images of high spatial resolution</i>. <i>Lucrările sesiunii științifice bienale cu participare internațională Pădurea și Dezvoltarea Durabilă Brasov</i>, 17-18 octombrie 2008, 2009, p. 495-502. <a href="http://www.cabdirect.org/abstracts/20093229947.html?resultNumber=19&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20093229947.html?resultNumber=19&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/5) x 1 = 3 pct.</b></p> <p>20. <b>Vorovencii, I.</b>, 2009 - <i>Modalities of presentation the accuracy of supervised classification of content of satellite images Landsat 7 ETM+</i>. <i>Lucrările sesiunii științifice bienale cu participare internațională Pădurea și Dezvoltarea Durabilă Brasov</i>, 17-18 octombrie 2008, pp 463-570. <a href="http://www.cabdirect.org/abstracts/20093278126.html?resultNumber=17&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20093278126.html?resultNumber=17&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>21. <b>Vorovencii, I.</b>, Peltz, D, R., 2008 - Vegetation indices and the relations between them. <i>Bulletin of the Transylvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>, Vol. 1(50), p. 29-34. <a href="http://www.cabdirect.org/abstracts/20093118675.html?resultNumber=11&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20093118675.html?resultNumber=11&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/2) x 2 = 15 pct.</b></p> <p>22. Ciubotaru, A., Chițea, Gh., <b>Vorovencii, I.</b>, Sandor, O., 2007 - <i>Researches concerning logging distance calculation</i>. <i>Lucrările sesiunii științifice bienale cu participare internațională Pădurea și Dezvoltarea Durabilă Brasov, Romania</i>, 27-28 octombrie 2006, 2007, p. 411-414. <a href="http://www.cabdirect.org/abstracts/20093290621.html?resultNumber=1&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20093290621.html?resultNumber=1&amp;q=vorovencii</a>. <b>Punctaj: (15/4) x 1 = 3,75 pct.</b></p> <p>23. <b>Vorovencii, I.</b>, Chițea Gh., Mihăilă, M., 2007 - <i>Researches regarding the establishment of certain correlations between the bands of satellite images</i>. <i>Lucrările sesiunii științifice bienale cu participare internațională Pădurea și Dezvoltarea Durabilă Brasov, Romania</i>, 27-28 octombrie 2006, p. 345-350. <a href="http://www.cabdirect.org/abstracts/20093290608.html?resultNumber=16&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20093290608.html?resultNumber=16&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/3) x 2 = 10 pct.</b></p> <p>24. <b>Vorovencii, I.</b>, 2007 - <i>Aspects regarding satellite images georeferencing using ground control points</i>. <i>Lucrările sesiunii științifice bienale cu participare internațională Pădurea și Dezvoltarea Durabilă Brașov, Romania</i>, 27-28 octombrie 2006, p. 339-344. <a href="http://www.cabdirect.org/abstracts/20093290607.html?resultNumber=14&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20093290607.html?resultNumber=14&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/1) x 2 = 30 pct.</b></p> <p>25. Chițea, Gh., Kiss, A., <b>Vorovencii, I.</b>, Mihăilă, M., 2005 – The use of digital images in forestry domain. <i>Bulletin of the Transilvania University of Brașov, New Series - Series A</i>, Vol. 12(47), p. 441-446. <a href="http://www.cabdirect.org/abstracts/20083058625.html?resultNumber=13&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20083058625.html?resultNumber=13&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/4) x 1 = 3,75 pct.</b></p> <p>26. Chițea, Gh., Kiss, A., <b>Vorovencii, I.</b>, Mihăilă, M., 2004 - <i>Images referencing using G.P.S. and total stations as a basis for an improved forest management</i>. <i>Lucrările sesiunii științifice Pădurea și Dezvoltarea Durabilă, Brasov, Romania</i>, 2005, 2006, p. 457-460. <a href="http://www.cabdirect.org/abstracts/20093240554.html?resultNumber=15&amp;start=10&amp;q=vorovencii">http://www.cabdirect.org/abstracts/20093240554.html?resultNumber=15&amp;start=10&amp;q=vorovencii</a>. <b>Punctaj: (15/4) x 1 = 3,75 pct.</b></p> <p>27. <b>Vorovencii, I.</b>, 2004 – <i>The use of transformation RGB-HIS in interpretation of images satellitaire</i>. <i>Lucrările sesiunii științifice</i></p>	
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	<p>Granturi/proiecte castigate prin competitie inclusiv proiecte de cercetare/consultanta (valoare de minim 10 000 Euro echivalent)          Director/responsabil – Minim 2 pentru Profesor</p>	<p><i>Responsabil a două proiecte de consultanță:</i></p> <ul style="list-style-type: none"> <li>• Servicii de consultanță pentru realizarea studiilor topografice, documentațiilor cadastrale și tehnice. Perioada: 2014 – 2015. Valoare 45100 RON. <b>Punctaj: 10 x 2 = 20 pct.</b></li> <li>• Identificarea izlazurilor comunale și a terenurilor agricole și forestiere aflate în domeniul public sau privat al unității administrativ-teritoriale Fundata care pot face obiectul recostituirii dreptului de proprietate conform Legii 165/2013. Perioada: noiembrie 2013 – septembrie 2014. Valoare 45000 RON. <b>Punctaj: 10 x 1 = 10 pct.</b></li> </ul> <p><i>Membru în echipa de cercetare în următoarele proiecte internaționale și naționale:</i></p> <ul style="list-style-type: none"> <li>• Creșterea capacității de integrare pe piața muncii a studenților și absolvenților prin consiliere și plasamente practice. POSDRU/160/2.1/S/133020. Perioada: 2014-2015. <b>Punctaj: 2 x 2 = 4 pct.</b></li> <li>• Erasmus MSC Technology - Enhanced forest fire fighting learning-Matefl (internațional). Perioada: 2010-2012. <b>Punctaj: 4 x 2 = 8 pct.</b></li> <li>• CEEEX / Definirea, evaluarea și zonarea riscurilor pentru pădurile României (CLIDOIN). Contract 736/2006. Perioada: 2006-2008. <b>Punctaj: 2 x 2 = 4 pct.</b></li> <li>• CEEEX / Platformă tehnologică de achiziție și suport decizional pentru managementul strategiilor și politicilor în domeniul resurselor forestiere, parte integrantă a rețelei naționale de supraveghere a resurselor naturale. Contract 59/2005. Perioada: 2005-2007. Valoare: 150000 RON. <b>Punctaj: 2 x 2 = 4 pct.</b></li> <li>• Forest fires – Preventing and monitoring. Perioada: 2005-2007. (internațional). <b>Punctaj: 4 x 2 = 8 pct.</b></li> <li>• <i>Cercetări privind utilizarea imaginilor digitale în economia forestieră.</i> Beneficiar: Regia Națională a Pădurilor. Perioada: 2004-2006. Valoare: 90000 RON. <b>Punctaj: 2 x 2 = 4 pct.</b></li> </ul>	62,00
<b>Total A2</b>			1388,74
A3	<p>Citari in reviste ISI si BDI</p>	<p><i>Citări în reviste ISI:</i></p> <ul style="list-style-type: none"> <li>• Articolul 8 (A2) – 1 citare. <b>Punctaj: 10/1 = 10 pct.</b></li> </ul> <p><i>Citări în BDI:</i></p> <ul style="list-style-type: none"> <li>• Articolul 18 (A2) – 1 citare. <b>Punctaj: 5/1 = 5 pct.</b></li> <li>• Teza de doctorat – 2 citări. <b>Punctaj: 5/1 x 2 = 10 pct.</b></li> </ul> <p><i>Cărți (vezi secțiunea A1 pentru numerotare):</i></p> <ul style="list-style-type: none"> <li>• Lucrarea nr. 7 – 4 citări BDI. <b>Punctaj: 5/1 x 4 = 20 pct.</b></li> <li>• Lucrarea nr. 8 – 1 citare BDI. <b>Punctaj: 5/3 = 1,67 pct.</b></li> </ul>	46,67
	<p>Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice,</p>	<ul style="list-style-type: none"> <li>• Membru în comitetul de redacție al Simpozionului Internațional <i>Forest and Sustainable Development</i> (2009). <b>Punctaj: 10 pct.</b></li> <li>• Membru în colectivul de redacție al revistei <i>Journal of Environmental Treatment Techniques</i>. <b>Punctaj: 5 pct.</b></li> <li>• Recenzor la revista <i>Bulletin of the Transilvania University of Brasov, Series II - Forestry • Wood Industry • Agricultural Food Engineering</i>. <b>Punctaj: 10 pct.</b></li> </ul>	45,00



	<p>organizator de manifestari stiintifice, recenzor pentru reviste si manifestari stiintifice nationale si internationale</p>	<ul style="list-style-type: none"> <li>• Recenzor la revista <i>Journal of Environmental Treatment Techniques</i>. <b>Punctaj: 5 pct.</b></li> <li>• Recenzor al Simpozionului Internațional <i>Forest and Sustainable Development</i> (2009). <b>Punctaj: 10 pct.</b></li> <li>• Membru în comitetul de redacție al <i>Revistei de Geodezie</i>. <b>Punctaj: 5 pct.</b></li> </ul>	
	<p>Experiență de management</p>	<ul style="list-style-type: none"> <li>• Membru în Consiliul Facultății de Silvicultură (2000-2004). <b>Punctaj: 4 ani × 2 = 8 pct.</b></li> <li>• Secretar științific al Catedrei Amenajarea Pădurilor (2000-2004). <b>Punctaj: 4 ani × 2 = 8 pct.</b></li> <li>• Adjunct șef de Catedră Amenajarea Pădurilor (2004-2008). <b>Punctaj: 4 ani × 2 = 8 pct.</b></li> <li>• Membru în Comitetul de Management al Acțiunii COST FP0701 Post-Fire Forest Management in Southern Europe (2008-2012). <b>Punctaj: 4 ani × 2 = 8 pct.</b></li> <li>• Membru în Senatul Universității Transilvania din Brașov (2012-prezent). <b>Punctaj: 3 ani × 2 = 6 pct.</b></li> <li>• Membru în Comisia de Buget Finanțe a Senatului Universității Transilvania din Brașov (2012-prezent). <b>Punctaj: 3 ani × 2 = 6 pct.</b></li> <li>• Membru în Consiliul Departamentului de Exploatare Forestiere, Amenajarea Pădurilor și Măsurători Terestre (2012-prezent). <b>Punctaj: 3 ani × 2 = 6 pct.</b></li> </ul>	50,00
<b>Total A3</b>			141,67

Data: 10.06.2015

Prof. dr. ing. Iosif VOROVENCI