

Anexa nr. 17 – COMISIA INGINERIE MECANICĂ, MECATRONICĂ ȘI ROBOTICĂ

STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE

DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE – DEZVOLTARE⁽¹⁾

Nr.	Domeniul activităților	Rezultatele activităților	Subcategorii		Indicatori	Indicator realizat		
1	Activitatea didactică și profesională - DID (A1)	Manuale suport de curs (conform fișei disciplinei de concurs)	A1.1	Format tipărit/electronic ⁽²⁾ (min. 100 pag.)	Coordonator/ prim autor	N1.1 = număr	1. Proceduri de lucru pentru analiza calității apelor și a altor compuși lichizi , Nedeff Valentin (coord.), Bârsan Narcis , Irimia Oana, Mirela Panainte-Lehadus, Emilian Mosnegutu, Dana Chitimus, Tomoze Claudia, Nedeff Florin, Alma Mater, 2018, ISBN 978-606-527-589-8, 147 pag. Prim autor.	
					Co-autor	N1.2 = număr	1. Proceduri de lucru pentru analiza calității aerului și a altor compuși gazoși , Nedeff Valentin (coord.), Tomoze Claudia, Irimia Oana, Mirela Panainte-Lehadus, Emilian Mosnegutu, Dana Chitimus, Bârsan Narcis , Nedeff Florin, Alma Mater, 2018, ISBN 978-606-527-593-5, 142 pag. 2. Aparate pentru industrii de proces: suport teoretic pentru orele de curs și aplicații pentru uzul studenților , Bibire Luminița (coord.), Bârsan Narcis, Alma Mater, 2018, ISBN 978-606-527-608-6, 410 pag.	
			Format electronic disponibil pe platforma universității (autor)		N1.3 = număr	1. Sisteme de colectare și transport ape uzate, Suport de curs pentru uzul studenților, Bârsan Narcis. Format electronic pe platformă online. (http://cadredidactice.ub.ro/narcisbarsan/suport-pentru-cursuri/)		
		Valoare minimă indicator					Calcul îndeplinire indicator	
		N1 = 2					N1 = N1.1 + N1.2 = 3 puncte	
		N1.3 = 1					N1.3 = 1 punct	
			Material didactic /Dezvoltare laboratoare, aplicații	A1.2	Standuri laborator (construcție/modernizări) certificate de directorul de departament		N2.1 = număr	Anexa 1 A. Standuri realizate: 1. Mini reductor mecanic; 2. Stand pentru amestecare combinată; 3. Stand transportor elicoidal. 4. Stand pentru transportul lichidelor tip aer lift. B. Standuri modernizate după instalații comerciale: 1. Mini stație de epurare tip SBR. 2. Fosă septică tri-compartimentată. 3. Separator de grăsimi. 4. Separator de hidrocarburi.

				Îndrumar laborator/carte aplicații format tipărit sau electronic (autor, co-autor)	N2.2 = număr	<p>1. Proceduri de lucru pentru analiza solului și a altor materiale, Volumul 1, Nedeff Valentin (coord.), Chițimuş Dana, Mirela Panainte-Lehadus, Emilian Mosnegutu, Bârsan Narcis, Irimia Oana, Tomoze Claudia, Nedeff Florin, Alma Mater, 2017, ISBN 978-606-527-582-9, 125 pag.</p> <p>2. Proceduri de lucru pentru analiza solului și a altor materiale, Volumul 2, Nedeff Valentin, Chițimuş Alexandra-Dana, Moşneguțu Emilian, Panainte Lehaduș Mirela, Tomozei Claudia, Irimia Oana, Bârsan Narcis, Nedeff Florin Marian, Editura Alma Mater Bacău 2018, ISBN 978-606-527-581-2, 978-606-527-583-6, 131 pag.</p>
				Aplicație informatică educațională	N2.3 = număr	-
Valoare minimă indicator						Calcul îndeplinire indicator
N2=3						N2 = N2.1 + N2.2 + N2.3=10 puncte
N2.1=1						N2.1=8 puncte
2	Activitatea de cercetare științifică, dezvoltare tehnologică și inovare - CDI (A2)	Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) ⁽³⁾ , unde n = nr.de autori și FI este factorul de impact ⁽⁴⁾	A2.1	Autor corespondent / prim autor	n ≤ 3	P1.1 = 2(0,2 + FI)
					n ≥ 4	P1.2 = 2*3*(0,2 + FI)/n
						<p>1. Laureniu Tataru, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, Mirela Panainte Lehadus, Ion Sandu, Dana Chitimus, Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Materiale Plastice, vol. 55, no. 4, 2018, p. 660-685. FI 1,248, Autor corespondent. Punctaj 1,241.</p> <p>2. Emilian Moşneguțu, Valentin Nedeff, Narcis Bârsan, Dragoş Rusu, The influence of air velocity on the behavior of a solid particle displacement in a vertical path, Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2018, vol. 19 no. 4, pp. 431 – 441, FI 0, Autor corespondent. Punctaj 0,3.</p> <p>3. Doina Capşa, Narcis Barsan, Daniel Felegeanu, Marius Stanila, Ioan Joita, Madalin Rotaru, Camelia Ureche, Influence of climatic factors on the pollution with nitrogen oxides (NOX) in Bacau City, Romania, Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 15, no. 3 pp. 655-663, WOS:000376876400020, FI 1,334, Autor corespondent. Punctaj 1,314.</p> <p>4. Mariana Turcu, Narcis Bârsan, Emilian Moşneguțu, Mihaela Dascălu, Dana Chițimuş, Cristian Radu, Application of the flocculation process in the industrial wastewater treatment, Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 15, no. 3 pp. 521-526, WOS:000376876400005, FI 1,334, Autor corespondent. Punctaj 1,534.</p> <p>5. Narcis Barsan, Ion Joita, Marius Stanila, Cristian Radu, Mihaela Dascalu, Modelling wastewater treatment process in a small plant using a sequencing batch reactor (SBR), Environmental Engineering and</p>

					<p>Management Journal, 1582-9596, 2014, Vol.13, nr. 7, pp. 1561-1566, WOS:000344577400002, FI 1,334, Prim autor. Punctaj 1,84.</p> <p>6. Narcis Bârsan, Valentin Nedeff, Emilian Florin Moşneguţu, Mirela Panainte, Heat balance components of a small sequencing batch reactor applied for municipal wastewater treatment, Environmental Engineering and Management Journal, ISSN 1582-9596, 2012, Vol.11, No. 12, p. 2131-2138, WOS:000314169000003, FI 1,334, Prim autor. Punctaj 2,301.</p> <p style="text-align: center;">Total 6 articole =8,531 puncte</p>
				n ≤3	P1.3 = 0,2 + FI
			Co-autor	n ≥4	<p>P1.4 = 3(0,2 + FI)/n</p> <p>1. Sifolo S. Coulibaly, Flavien Ettien Edoukou, Kouadio I. Kouassi, N.Barsan, V.Nedeff, I. A. Bi Zoro, Vermicompost utilization: A way to food security in rural area, Helyon, 2018, vol. 4, no. 12, pp. e01104, FI 0, Punctaj 0,1.</p> <p>2. Alexandra-Dana Chitimus, Cristian Radu, Valentin Nedeff, Emilian Mosnegutu, Narcis Bârsan, Studies and researches on typha latifolia's (bulrush) absorption capacity of heavy metals from the soil, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 1582-540X, 2016, vol. 17, no. 4, pp. 381 – 393. FI 0. Punctaj 0,1.</p> <p>3. Mihai-Cosmin Belciu, Emilian Florin Moşneguţu, Valentin Nedeff, Alexandra-Dana Chiţimuş, Narcis Barsan, Silvia Fiore, Production capacity of leachate from Bihor landfill, Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 15, no. 3 pp. 2057-2062, FI 1,334. Punctaj 0,767.</p> <p>4. Antonina Temea, Claudio Comoglio, Serena Botta, Valentin Nedeff, Mirela Panainte-Lehăduş, Marcela Danu, Narcis Barsan, Developing a green register of eco-labeled products in Romania., Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 15, no. 8 pp. 1873-1878, FI 1,334. Punctaj 0,657.</p> <p>5. Florin Marian Nedeff, Narcis Bârsan, Adriana Luminiţa Fînaru, Studies and research concerning the use of some recyclable absorbent materials for increasing acoustic comfort into a room designed for speaking, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 1582-540X, 2017, vol. 18 no. 3, pp. 329-338. FI 0. Punctaj 0,2.</p> <p>6. Dumitru-Cristinel Nadabaica, Stanisław Radkowski, Valentin Nedeff, Gigel Paraschiv, Narcis Barsan, Mihai C Nicolescu, Experimental study of noise levels generated by rolling bearings in different stages of</p>

					<p>deterioration, Environmental Engineering and Management Journal, 1582-9596, 2014, Vol.13, No. 7, 1631-1639, FI 1,334. Punctaj 0,767.</p> <p>7. Mirela Panainte, Iuliana Caraman, Valentin Nedeff, Vassilis Inglezakis, Christos Venetis, Philipos Coutsikos, Gabriel Lazar, Narcis Barsan, Green market: a comparative study in Romania, Fresenius Environmental Bulletin, 2014, ISSN: 1018-4619, 2014, vol. 23, no. 11, pp. 2870-2875. FI 0,5. Punctaj 0,262.</p> <p>8. Mariana Turcu, Narcis Bârsan, Oana Irimia, Ion Joița, Mihai Belciu, Application of synthetic chemical compounds in petroleum sludge treatment, Environmental Engineering and Management Journal, 2014, Vol.13, No. 7, pp. 1751-1756. FI 1,334. Punctaj 0,262.</p> <p>9. Irimia, Oana Tirtoaca, Tomozei, Claudia, Panainte, Mirela, Mosnegutu, Emilian Florin, Barsan, Narcis, Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, 1582-9596, 2013, Vol. 12, no. 1, p35-39. FI 1,334. Punctaj 0,92.</p> <p>10. Mariana Turcu, Valentin Nedeff, Narcis Barsan, Emilian Florin Mosnegutu, Mirela Panainte, Application of organic flocculants for the treatment of sludge from municipal wastewater treatment plants, Environmental Engineering and Management Journal, January 2013, Vol.12, No. 1, 163-166, FI 1,334. Punctaj 0,92.</p> <p>11. Vasilica Maria, Capsa Doina, Covaci Irina, Nedeff Valentin, Bârsan Narcis, Panainte Mirela, A case study of heavy rainfall in the central-southern Moldavia region, Environmental Engineering and Management Journal, ISSN 1582-9596, 2012, vol. 11, No. 12, p. 2149-2156. FI 1,334. Punctaj 0,92.</p> <p style="text-align: right;">Total 11 articole= 6,53 puncte</p>
	Articole și publicații științifice BDI ⁽⁵⁾ neincluse la A2.1	A2.2	Autor corespondent/prim autor	N3.1 = număr	<p>1. Barsan Narcis, Nedeff Valentin, Temea Antonina, Mosnegutu Emilian, Chitimus Alexandra Dana, Tomozei Claudia, A perspective for poor wastewater infrastructure regions: a small-scale sequencing batch reactor treatment system, Chemistry Journal of Moldova, 2017, vol. 12, no. 1, pp.61-66. Prim autor.</p> <p>2. Mahamadi Nikiema, Narcis Barsan, Marius K. Somda, Desiré Traore, Dayéri Dianou, Valentin Nedeff, Alfred S. Traore, Optimization of biogas production from organic fraction of municipal solid waste: experimental test using liquid from waste fermentation, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 1582-540X, 2017, vol. 18 no. 2, pp. 213 – 224. (Autor corespondent).</p> <p>3. Alina Cochiorca, Valentin Nedeff, Narcis Bârsan, Emilian Florin, Moșneguțu, Mirela Panainte-Lehăduș, Claudia Tomozei, Analysis of water quality for two rivers located near a mining area, Chemistry &</p>

				<p>Chemical Engineering, Biotechnology, Food Industry, 2018, vol. 19, no. 4, pp. 455 – 463. (Autor corespondent)</p> <p>4. Narcis Barsan, Valentin Nedeff, Dana Chitimus, Emilian Mosnegutu, Florina Fabian, Increasing the wastewater treatment capacity of small Sequencing Batch Reactor treatment plants using sequential operation, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, ISBN: 978-1-5108-4819-1, 2017, vol. No. 17, pp. 523-530 (Proceeding ISI). Prim autor.</p> <p style="text-align: center;">Total 4 puncte</p>
		Co-autor	N3.2 = număr	<p style="text-align: center;">Proceedinguri ISI</p> <p>1. A Dermouchi, M Bencheikh-Lehocine, S Arris, AH Meniai, N Barsan, N Valentin, Cutting oil emulsion treatment by electrocoagulation using aluminum and iron electrodes, 9th International Renewable Energy Congress (IREC), ISSN: 2378-3451, 2018, pp. 1-6, Proceeding indexat SCOPUS.</p> <p>2. L. Tataru, V. Nedeff, N. Barsan, M. Panainte-Lehadus, E. F. Mosnegutu, Efficiency studies of hollow fiber organic membranes in restraining yeast from wastewater subjected to ultrafiltration, Proceeding of the International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2018, vol. 18, (3.1), pp. 235-242, Proceeding indexat SCOPUS.</p> <p>3. A. D. Chitimus, A. Cochiorca, V. Nedeff, N. Barsan, O. Muscalu-Plescan, studies and research on phragmites australis' (common reed) absorption capacity of heavy metals from the soil in Roman City, Romania, Proceeding of the International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2018, vol. 18, (3.1), pp. 671-678, Proceeding indexat SCOPUS.</p> <p>4. A. Cochiorca, V. Nedeff, N. Barsan, M. Panainte-Lehadus, E. F. Mosnegutu, Aspects related to water quality assessment in a mining activity area. Case study, mining area Tg. Oghina, Romania, Proceeding of the International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2018, vol. 18, (3.1), pp. 87-94, Proceeding indexat SCOPUS.</p> <p>5. Chitimus Alexandra Dana, Barsan Narcis, Nedeff Valentin, Mosnegutu Emilian, Muscalu Plescan Oana, Studies and research concerning the influence of liquid pollutants' leaching speed in the soil on the process of cleaning and self-cleaning, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, ISBN: 978-1-5108-4819-1, 2017, vol. No. 17, pp. 859-866, Proceeding indexat SCOPUS.</p>

				<p>6. Emilian Mosnegutu, Valentin Nedeff, Ovidiu Bontas, Narcis Barsan, Dana Chitimus, Dragoș Rusu, Determination of kinematic indices corresponding to a solid particle on a flat oscillating surface, IOP Conf. Series: Materials Science and Engineering 147, 2016, 012151 doi:10.1088/1757-899X/147/1/012151.</p> <p>7. Production and distribution of green products in Romania, Panainte-Lehăduș, M., Nedeff, V., Moșneguțu, E., Caraman, I., Bârsan N., International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM ISSN 1314-2704, 2015, vol. 2, nr. 5, pp. 397-404, Proceeding indexat SCOPUS.</p> <p>8. Study regarding public perception on environmental issues relating to Romania, Mirela Panainte-Lehadus, Valentin Nedeff, Emilian Mosnegutu, Gabriel Lazar, Iuliana Caraman, Claudia Tomozei, Dana Chitimus, Narcis Barsan, International Conference on Production Research - Regional Conference Africa, Europe and the Middle East And 3 Rd International Conference on Quality and Innovation in Engineering and Management 978-973-662-978-5, 2014, pp. 393-396.</p> <p style="text-align: center;">Total 8 puncte</p>
Brevete de invenții indexate ⁽⁶⁾	A2.3.	Internaționale indexate în Web of Science – Derwent Innovation	P2.1 = același calcul cu A2.1 și FI = 2	-
		Naționale indexate OSIM	P2.2 = același calcul cu A2.1 și FI = 0,5	-
Produce, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)	A2.4	Coordonator/prim autor	N4.1 = număr	-
		Co-autor	N4.2 = număr	-
Monografii/cărți de specialitate ⁽²⁾ , format tipărit/electronic (min. 100 pag.)	A2.5	Coordonator/prim autor	N4.3 = număr	Epurarea apelor uzate în stații de epurare de capacitate mică, Narcis Bârsan , Valentin Nedeff, Emilian Moșneguțu, Gabriel Lazăr, Alma Mater, 2012, ISBN 978-606-527-213-2, 222 pag.
		Co-autor	N4.4 = număr	-

		Valoare minimă indicator			Calcul îndeplinire indicator	
		P1+P2=5			P1+P2=15,067 puncte	
		P1=3			P 1 = P1.1 + P1.2 + P1.3 + P1.4= 15,067 puncte	
		N3=8			N3 = N3.1 + N3.2=12 puncte	
		N3.1=3			N3.1=4 puncte	
		N4=1			N4 = N4.1 + N4.2 + N4.3 + N4.4.=1 punct	
3	Recunoașterea și impactul activității - RIA (A3)	Atragere resurse financiare prin granturi/proiecte/contracte terți	A3.1	Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională	S1 ⁽⁷⁾ = sumă echivalentă în mii Euro ⁽⁹⁾	-
				Membru în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți	S2 ⁽⁸⁾ = sumă echivalentă în mii Euro ⁽⁹⁾	Contract terți: 1. Cercetări aplicative cu privire la epurarea apelor uzate și tratarea nămolurilor, Contract de cercetare nr. 1/2018, Director contract, 10 luni a 3200 lei/lună; 2. Aplicarea cercetărilor de laborator în vederea epurării apelor uzate și tratării nămolurilor, Contract de cercetare nr. 1/2017, Director contract, 11 luni a 2500 lei/lună; 3. Cercetări de laborator cu privire la epurarea apelor uzate și tratarea nămolurilor, Contract de cercetare nr. 7/2016, Director contract, 9 luni a 1950/lună și 3 luni a 2500 lei/lună; 4. Evaluarea în laborator a posibilităților de tratare a nămolurilor de epurare, Contract de cercetare nr. 6/2016, Director contract, 1 lună 1950 lei; 5. Studii cu privire la epurarea apelor uzate, Contract de cercetare nr. 5/2016, Director contract, 1 lună 1950 lei; 6. Analiza posibilităților de epurare a unor ape uzate industriale, Contract de cercetare nr. 4/2016, Director contract, 1 lună 1950 lei; 7. Cercetări asupra epurării apelor uzate din industria alimentară, Contract de cercetare nr. 2/2016, Director contract, 1 lună 1950 lei; 8. Cercetări de laborator cu privire la epurarea apelor uzate industriale folosind floculanți organici, Contract de cercetare nr. 1/2016, Director contract, 1 lună 1950 lei; 9. Studii și cercetări privind epurarea apelor uzate și a nămolurilor de epurare, Contract de cercetare nr.17/2014, Director contract, 4 luni (1950 lei/lună). Total: aproximativ 17500 E
		Valoare minimă indicator			Calcul îndeplinire indicator	
S1 + S2=10			S1 + S2=17,5 puncte			

		<p>Prezentarea/Discuția minarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat</p>	<p>A3.2</p>	<p>Congrese/conferințe/workshopuri naționale, profesor invitat la universități/institute din străinătate</p>	<p>N5 = număr</p>	<ol style="list-style-type: none"> 1. Narcis Barsan, Valentin Nedeff, Dana Chitimus, Emilian Mosnegutu, Mathematical interpretation of the sludge volume index variation in a small SBR plant, OPROTEH, 27 – 29 iunie, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Bacău, România, 2018. 2. Barsan Narcis, Nedeff Valentin, Temea Antonina, Mosnegutu Emilian, Chitimus Alexandra Dana, Tomozei Claudia, A perspective for poor wastewater infrastructure regions: a small-scale Sequencing Batch Reactor treatment system, The 6th International Conference Ecological & Environmental, 2017 Chișinău, Republica Moldova, http://eec-2017.mrda.md/. 3. Narcis Barsan, Valentin Nedeff, Mariana Turcu, Emilian Mosnegutu, Dana Chitimus, Application on the operating cycles for a small SBR plant used for domestic wastewater treatment, Conferința internațională, OPROTEH, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Bacău, România, 2016. 4. Narcis Barsan, Valentin Nedeff, Emilian Moșneguțu, Dana Chitimus, Mariana Turcu, Aspects regarding to the municipal wastewater treatment in small plant during cold period, Sixth International Conference on Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria, Volumul 6, ISSN 1311-9974, Pagini 709-718, http://bhi.nku.edu.tr/basinyonetim/resim/images/edittorresimlari/1728/files/EE%26AE'15_25_02_2015-1.pdf 5. Doina Capsa, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, Dana Chitimus, Mihai Vulpe, Theoretical correlations between air quality and climatic factors, Sixth International Conference on Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria, Volumul 6, ISSN 1311-9974, Pagini 684-692, http://bhi.nku.edu.tr/basinyonetim/resim/images/edittorresimlari/1728/files/EE%26AE'15_25_02_2015-1.pdf 6. Jessica Alcaraz, Marine Ridoire, Valentin Nedeff, Mirela Panainte-Lehăduș, Mariana Turcu, Narcis Barsan, Application of the coagulation process for the municipal sewage sludge treatment, Natural and Anthropogenic Risks, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Bacău, România, 2014, http://icnar.ub.ro/ 7. Bârsan, N., Nedeff, V., Lazăr, G. Studies and research on the domestic wastewater treatment in small plants with sequential operation, Proceedings of the Scientific Student Session – SSS’11, pag. 20 - 29, ISSN 1311-3321, University Angel Kanchev”, Ruse, Bulgaria, 2011. 8. Bârsan Narcis, Nedeff Valentin, Lazăr Gabriel, Current stage of domestic wastewater treatment in small plants, Conferința Internațională,
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				<p>OPROTEH, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Bacău, România, 2011.</p> <p>9. Narcis Bârsan, Valentin Nedeff, Mariana Turcu, Emilian Moșneguțu, Dana Chițimuș, A mathematical model on the efficiency of a small SBR wastewater treatment plant depending on operating times and wastewater temperature, Proceedings of the Xth International Conference Constructive and Tehnological Design Optimization in the Machines Building Field, 23-25 May, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Bacău, România, 2013.</p> <p>10. Holenu Mangenda Holy, Kakese Kunyima C., Valentin Nedeff, Narcis Barsan, Emilian Moșneguțu, Exploitation of geo-materials in kinshasa's city and its environmental impact, Proceedings of the Xth International Conference Constructive and Tehnological Design Optimization in the Machines Building Field, 23-25 May, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Bacău, România, 2013.</p> <p>11. Mariana Turcu, Narcis Bârsan, Valentin Nedeff, Application of the flocculation process for the industrial wastewater treatment, Natural and Anthropic Risks, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, Bacău, România, 2014, http://icnar.ub.ro/9.</p> <p>12. Bârsan, N., Nedeff, V., Lazăr, G., Possibilities of mathematical modeling of heat balance in a Sequencing Batch Reactors basin used for domestic wastewater treatment with low flow, International Conference „Mechanical Engineering in XXI Century”, 25 – 26 November, Nis, Serbia, 2010.</p> <p style="text-align: right;">Total 12</p>
Valoare minimă indicator			Calcul îndeplinire indicator	
N5=5			N5=12 puncte	
Citări în publicații BDI ⁽⁵⁾ (se exclud autocitările)	A3.3.	C1 = numărul de citări SFI = suma factorilor de impact al publicațiilor WOS în care apar citările	C = C1 + SFI	<p>Mihai-Cosmin Belciu, Emilian Florin Moșneguțu, Valentin Nedeff, Alexandra-Dana Chițimuș, Narcis Barsan, Silvia Fiore, Production capacity of leachate from Bihor landfill, Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 15, no. 3 pp. 2057-2062. 4,747 Puncte</p> <p>Citat in:</p> <p>1. Assessment of groundwater and surface water contamination by landfill leachate: a case study in Neamt County, Romania, Rusu Lăcrămioara, Suceveanu Mirela, Șuteu Daniela, Favier, Lidia, Harja Maria, Environmental Engineering & Management Journal (EEMJ). 2017, Vol. 16 Issue 3, p633-641. 9p. FI 1,334</p> <p>2. Influence of fertilization systems on physical and chemical properties of the soil, Oana Maria Muscalu (Plescan), Valentin Nedeff, Alexandra</p>

Dana Chitimus, Ioan Gabriel Sandu, Elena Partal, Emilian Mosnegutu, Ion Sandu, Dragos Ioan Rusu, REV.CHIM. (Bucharest) vol. 69, No. 11, 2018, p. 3016-3111. **FI 1,412.**

Doina Capşa, Narcis Barsan, Daniel Felegeanu, Marius Stanila, Ioan Joita, Madalin Rotaru, Camelia Ureche, Influence of climatic factors on the pollution with nitrogen oxides (NOX) in Bacau City, Romania, Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 15, no. 3 pp. 655-663, WOS:000376876400020. 20,768 Puncte

Citat in:

1. Integrated assessment of exposure to traffic-related air pollution in Iasi City, Romania, Alexandru Banica, Elena Diana Bobric, Marius Mihai Cazacu, Adrian Timofte, Silviu Gurlui, Iuliana Gabriela Breaban, Environmental Engineering and Management Journal, 2017, Vol.16, No. 9, 2147-2163. **FI 1,334.**

2. A. hippocastanum L. and T. cordata mill. as biomonitoring plants for air pollution in urban areas. a case study: City of Cluj-Napoca, Covrig, Ilie, Oroian, Ioan, Odagiu, Antonia, Holonec, Liviu, Oroian, Elvira, Environmental Engineering & Management Journal (EEMJ), 2016, Vol. 15 Issue 5, p995-1002. 8p. **FI 1,096.**

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			Valoare minimă indicator		Calcul îndeplinire indicator
			C=10		C=76,378 puncte

Note:

¹ Intră în vigoare din anul universitar academic 2018/2019. Pentru anul academic 2017/2018 rămân valabile standardele aflate în vigoare la data de 03.10.2016.

² Publicația este înregistrată în fondul de carte al bibliotecii naționale sau al bibliotecilor universităților respective.

³ Se exclud publicațiile conferințelor DAAAM și WSEAS.

⁴ FI este factorul de impact al revistei la data înscrierii la concurs sau la data publicării articolului (cel mai avantajos pentru candidat). Se iau în considerare la această categorie numai revistele cu factor de impact la data publicării articolului. O revistă WOS este echivalentă cu o revistă cotate ISI cf. Ordinului de Ministru (MECTS) Nr. 4478 din 23 iunie 2011, publicat în Monitorul Oficial, Partea I, Nr. 448/27.VI.2011.

⁵ Bazele de date BDI acceptate sunt: Web of Science Thomson Reuters (WOS) și SCOPUS.

⁶ Un brevet se poate încadra la o singură categorie.

⁷ Suma din grant/proiect încasată de instituție repartizată echipei din care directorul de grant/responsabil partener face parte (S1 include cheltuieli de: personal, logistică, deplasări, indirecte).

⁸ Suma din grant/proiecte câștigate prin concurs național/internațional și proiecte/contracte terți încasată de instituție și repartizată de director/responsabil persoanei respective (S2 include cheltuieli de: personal, logistică, deplasări, indirecte).

⁹ Pentru contractele derulate înainte de 01.01.1999 se va considera echivalarea: 1 EURO = 1 \$ USA

Condiții minimale și obligatorii						
Domeniul de activitate		Indicatori	Conferențiar	Profesor	CSII	CSI
Activitatea didactică / profesională (A1)	A1.1	N1	2	2	Nu se aplică	Nu se aplică
		N1.1	0	1		
		N1.3	1	1		
	A1.2	N2	3	4		
		N2.1	1	2		
Activitatea de cercetare (A2)	A2.1 + A2.3	P1+P2	5	10		
		P1	3	6		
	A2.2	N3	8	10		
		N3.1	3	5		
	A2.4 + A2.5	N4	1	2		
		N4.3	0	1		
Recunoașterea impactului activității (A3)	A3.1	S1 + S2	10	50		
	A3.2	N5	5	10		
	A3.3	C	10	25		

unde:

$P1 = P1.1 + P1.2 + P1.3 + P1.4$; $P2 = P2.1 + P2.2$;

$N1 = N1.1 + N1.2$; $N2 = N2.1 + N2.2 + N2.3$; $N3 = N3.1 + N3.2$;

$N4 = N4.1 + N4.2 + N4.3 + N4.4$

Președinte

Semnătura

Membru

Semnătura

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