

Domeniul Fundamental: **STIINTE INGINERESTI**
 Domeniul de Studii Universitare: **CALCULATOARE SI TEHNOLOGIA INFORMATIEI**
 Comisia CNATDCU [nr/denumire]: **15. CALCULATOARE, TEHNOLOGIA INFORMATIEI SI INGINERIA SISTEMELOR**

UNIVERSITATEA POLITEHNICA BUCURESTI

FISA DE EVALUARE A ACTIVITATII CANDIDATULUI

Condiții Minimale pentru Inscriserea în vederea obținerii Atestatului de Abilitare, [OMECTS 6560 / 20.12.2012, MO, PI, 890bis / 27.12.2012]

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Punctaje conditii minimale (A)			
Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1	Activitatea didactica / profesionala (A1)	100.00	305.00
A2	Activitatea de cercetare (A2)	500.00	921.13
A3	Recunoasterea impactului activitatii (A3)	100.00	270.33
TOTAL (A)		700.00	1496.46

Punctaje conditii minimale obligatorii pe subcategorii			
Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1.1.1- A1.1.2	Carti si capitole in carti de specialitate	4	11
A1.2.1- A1.2.2	Material didactic / Lucrari didactice	2	4
A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	12	29
A2.4.1	Granturi / proiecte castigate prin competitie (Director / responsabil)	2	8
A3.1.1- A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	20	59
	Factor de impact cumulat pentru publicatii	6	8.83

STRUCTURA ACTIVITATII CANDIDATULUI

A1	Activitatea didactica si pedagogica (A1)	305
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A1.1.1 Carti si capitole in carti de specialitate in edituri internationale recunoscute [25p/publicatie]		
1	Negru Catalin, Pop Florin, Mocanu Mariana, Cristea Valentin, A Unified Approach to Data Modeling and Management in Big Data Era, in Data Science and Big Data Computing, Springer International Publishing, pg. 95 - 116, 10.1007/978-3-319-31861-5_5, Print ISBN 978-3-319-31859-2, Online ISBN 978-3-319-31861-5, WOS: 000381890400004	25
2	Pop Florin, Negru Catalin, Ciolofan Sorin, Mocanu Mariana, Cristea Valentin, Big Data Optimization. Recent Developments and Challenges / Intelligent Reduction Techniques for Big Data / Optimizing Intelligent Reduction Techniques for Big Data/ , Springer Book May 2016, pp 49-70, ISBN 978-3-319-30265-2	25
3	Catalin Negru, Mariana Mocanu, Valentin Cristea: Impact of Virtual Machines Heterogeneity on Data Center Power Consumption in Data-Intensive Applications / Adaptive Resource Management and Scheduling for Cloud Computing, ISBN: 978-3-319-28448-4, Springer International Publishing, Cham, 2015, pg. 91-102, DOI: 10.1007/978-3-319-28448-4_7;	25
4	Claudia Iffrim, Florin Pop, Mariana Mocanu, Valentin Cristea: AgileDBLP: A Search-Based Mobile Application for Structured Digital Libraries / Semantic Keyword-based Search on Structured Data Sources, ISBN 978-3-319-27932-9, Springer International Publishing, Cham, 2015, pg. 88 - 93	25
5	Anca Daniela Ionita, Mariana Mocanu: Models of Organizational Change for Modernizing Pollution Warning Services. IAENG Transactions on Engineering Sciences, World Scientific Publishing Co. Pte Ltd. ISBN 978-982-4667-35-7, 2014, pg. 498 - 510	25
6	Mariana Mocanu, Marian Muste, Vasile Lungu, Radu Drobot: Advances in Intelligent Control Systems and Computer Science, Springer-Verlag Berlin Heidelberg 2013, ISSN 2194-5357, ISBN 978-3-642-32547-2, chapter: Composite Application for Water Resource Management, pg. 295 - 307, DOI: 10.1007/978-3-642-32548-9; WOS: 000312752500021	25
7	Mariana Mocanu: Bilanz Balcan:"IT-Fachkräfte nach Bedarf. Bericht über ein internationales Postgraduierten-Programm", Schriftenreihe des österreichischen Ost-Südosteuropa-Instituts, Band 30, pg. 166-176, ISBN 3-486-57827-8, Oldenbourg Verlag München, 2005	25
8	Mariana Mocanu, Carmen Schuster: Managementul proiectelor, ediția a 2-a, Editura All Beck, 2004, ISBN 973-655-760-X, 242 pg.	25
9	Mariana Mocanu, Carmen Schuster: Managementul proiectelor - Cale spre creșterea competitivității, ed. Editura All Beck, 2001, ISBN 973-655-107-5, 206 pg.	25
Total (A1.1.1)		225

A1.1.2 Carti si capitole in carti de specialitate in edituri nationale recunoscute [20p/publicatie]		
1	Mariana Mocanu, Dezvoltarea de software in context CMMI, Editura Albastra, 483 pagini, ISBN 978-973-650-225-5, 2008, cod CNCSIS	20
2	Mariana Mocanu: Ingineria sistemelor informatice, ISBN 973-652-880-4, Editura Printech, 2003, cod CNCSIS 54, 88 pg.	20
Total (A1.1.2)		40

A1.2.1 Material didactic / Lucrari didactice [10p/publicatie]		
1	Mariana Mocanu, Francisc Iacob, Adela Vochescu Mădălina Cornicioiu: Programarea în C/C++ Culegere de Probleme, Editura Printech, 2002, ISBN 973-652-691-7	10
2	Mariana Mocanu: Elektronische Datenverarbeitung, îndrumar de laborator, editat la Universitatea "POLITEHNICA" din București, 1997	10
3	Mariana Mocanu: Elektronische Datenverarbeitung, curs editat la Universitatea "POLITEHNICA" din București, destinat studenților de la Departamentul de Științe Inginerești, Filiera Germană, 1995	10
4	Mariana Mocanu: Informatică Industrială, curs editat la Universitatea "POLITEHNICA" din București, 1997, 124 pg.	10
Total (A1.2.1)		40

A2 Activitatea de cercetare (A2)		921.13
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A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings [(25+20*factor impact)/nr.autori]	Numar autori	Factor Impact	Punaj
1	Mariana Mocanu: Modelling a Vehicle Philosophy with CAN-Bus, Eurosim'95 Wien, 1995, HS 7: Simulation of Communication Systems, Sept. 11-15, 1995; Proceedings of the 1995 EUROSIM Conference, Vienna, Austria 11-15. Sept 1995, ISBN 0-444-82241-0, Elsevier, 1995, pg. 601-606, WOS: A1995BG08D0094	1	0.250	30.00
2	Mariana Mocanu, Dan Mihăilă: Information Security, Part of the IT-Integration Process, IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics, 25-28 May 2006, Cluj-Napoca, pg 375-380 WOS: 00024145900072	2	0.250	15.00
3	Anca Daniela Ioniță, Mariana Mocanu, and Sorin N. Ciolofan: Modeling with SoaML Applied for Warning and Water Management Services, CSCS19, 28-31 mai, 2013, București, Romania, DOI: 10.1109/CSCS.2013.20; pg. 624-627 WOS: 000328493800094	3	0.250	10.00
4	Mariana Mocanu, Lucia Vacariu, Radu Drobot, Maria Cheveresan, Marian Muste, Cyberwater: Prototype Cyber-Infrastructure System for Supporting Decision-making in Water Resources Management; 35th World Congress of the International-Association-for-Hydro-Environment-Engineering-and-Research (IAHR); SEP 08-13, 2013; PROCEEDINGS OF THE 35TH IAHR WORLD CONGRESS, VOLS III AND IV, ISBN:978-7-302-33544-3, WOS:000370410301069	5	0.250	6.00
5	Mariana Mocanu, Lucia Văcariu, Radu Drobot, Marian Muste: Information - Centric Systems for Supporting Decision-Making in Watershed Resource Development, CSCS19, 28-31 mai, 2013, București, Romania, pg. 611-616; DOI: 10.1109/CSCS.2013.43; WOS: 000328493800092	4	0.250	7.50
6	Sorin N. Ciolofan, Mariana Mocanu, and Anca Daniela Ioniță: Cyberinfrastructure Architecture to Support Decision Taking in Natural Resources Management, CSCS19, 28-31 mai, 2013, București, Romania, DOI: 10.1109/CSCS.2013.17; pg. 617-623; WOS: 00038493800093	3	0.250	10.00
7	Nicolae, Andrei Alexandru; Negru, Catalin; Pop, Florin; Mocanu, Mariana; Cristea, Valentin; Hybrid Algorithm for Workflow Scheduling in Cloud-Based Cyberinfrastructures, 17th International Conference on Network-Based Information Systems (NBIS), 2014, pg. 221-228, 2014, IEEE, DOI: 10.1109/nbis.2014.69; WOS: 000380456500031	5	0.250	6.00
8	Pop, Florin; Ciolofan, Sorin; Negru, Catalin; Mocanu, Mariana; Cristea, Valentin; A Bio-Inspired Prediction Method for Water Quality in a Cyber-Infrastructure Architecture, Complex, Intelligent and Software Intensive Systems (CISIS), 2014 Eighth International Conference on, pg. 367-372, 2014, IEEE, DOI: 10.1109/cisis.2014.51, WOS:000352618900053	5	0.250	6.00
9	Salah H., Mariana Mocanu, Adina Florea, (2014), Towards an Integrated Decision Support System for the Evaluation of Water Pollution in Tigris Basin (DSSWAPIT), Proceedings of the 10th IEEE International Conference on Intelligent Computer Communication Processing, ICCP2014, Cluj-Napoca, Romania, pp. 391-398, DOI: 10.1109/iccp.2014.6937026; WOS: 000348677300057	3	0.250	10.00
10	Manailă Florin, Mocanu, Mariana, Heterogeneous sensor network systems, International Conference on Intelligent Computer Communication and Processing, ICCP 2014, pg. 363-368, ISBN 978-1-4799-6569-4, DOI: 10.1109/iccp.2014.6937022, WOS: 000348677300053	2	0.250	15.00
11	Popescu Sorin, Mocanu Mariana, Ioniță Anca, Customisable Decision Support Service for Water Management in River Basins, International Conference on Intelligent Computer Communication and Processing, ICCP 2014, pg. 377-382, ISBN 978-1-4799-6569-4, DOI: 10.1109/iccp.2014.6937024, WOS: 000348677300055	3	0.250	10.00
12	Vacariu, L.; Hangan, A.; Mocanu, M. Pollution Detection on the CyberWater Platform, Environmental Engineering and Management Journal, Volume: 14, Issue: 9, Pages: 2043-2050, Published: SEP 2015, http://omicon.ch.tuiasi.ro/EEMJ/issues/vol14/vol14no9.htm, Accession Number: WOS:000366333900005	3	1.065	15.43
13	Ionita, A.D.; Mocanu, M. Multiple Modeling Paradigms Applied for Accidental Pollution Management, Environmental Engineering and Management Journal, Volume: 14, Issue: 9, Pages: 2051-2060, Published: SEP 2015, http://omicon.ch.tuiasi.ro/EEMJ/issues/vol14/vol14no9.htm, Accession Number: WOS:000366333900005	2	1.065	23.15
14	Salah H., Mariana Mocanu, Adina Florea, (2015), Development of a Prototype ArcGIS- Web-Based Decision Application WATERDSS: for Water Pollution Management, Proceedings of the 7th IEEE International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2015, Bucharest, Romania, ISSN – 1843 – 2115, Vol. 7 – No. 1/ 2015, pp. E1-E6. DOI: 10.1109/ecai.2015.7301143; WOS:000370971100008	3	0.250	10.00
15	Negru, Catalin; Pop, Florin; Marcu, Ovidiu Cristian; Mocanu, Mariana; Cristea, Valentin; Budget constrained selection of cloud storage services for advanced processing in datacenters, 14th RoEduNet International Conference-Networking in Education and Research (RoEduNet NER), 2015, pg. 158-162, 2015, IEEE, DOI: 10.1109/roedunet.2015.7311986 WOS:000374591200028; WOS:000378414300028	5	0.250	6.00
16	Negru, Catalin; Mocanu, Mariana; Chiru, Costin; Draghia, Aurelian; Drobot, Radu; Cost efficient cloud-based service oriented architecture for water pollution prediction, "Intelligent Computer Communication and Processing (ICCP), 2015 IEEE International Conference on", pg. 417-423, 2015, IEEE, DOI: 10.1109/iccp.2015.7312696 WOS:000377121700055	5	0.250	6.00
17	Bojan, Valentina-Camelia; Raducu, Ionut-Gabriel; Pop, Florin; Mocanu, Mariana; Cristea, Valentin; Cloud-based service for time series analysis and visualisation in Farm Management System, "Intelligent Computer Communication and Processing (ICCP), 2015 IEEE International Conference on", pg. 425-432, 2015, IEEE, DOI: 10.1109/iccp.2015.7312697 WOS:000377121700056	5	0.250	6.00
18	Serrouch, Adil; Mocanu, Mariana; Pop, Florin; Soil Management Services in CLUEFARM, 14th International Symposium on Parallel and Distributed Computing (ISPDC), 2015, pg. 204-209, IEEE, DOI: 10.1109/ispdc.2015.30, WOS: 000380396000025	3	0.250	10.00

19	Apostol, Elena; Leordeanu, Catalin; Mocanu, Mariana; Cristea, Valentin; Towards a Hybrid Local-Cloud Framework for Smart Farms, Control Systems and Computer Science (CSCS), 2015 20th International Conference on", pg. 820-824,2015,IEEE, DOI: 10.1109/cscs.2015.122; WOS: 000380375200119	4	0.250	7.50
20	Mocanu, Mariana; Cristea, Valentin; Negru, Catalin; Pop, Florin; Ciobanu, Vlad; Dobre, Ciprian; Cloud-Based Architecture for Farm Management, 20th International Conference on Control Systems and Computer Science (CSCS), 2015 pg. 814-819,2015,IEEE, DOI: 10.1109/cscs.2015.55; WOS: 000380375200118	6	0.250	5.00
21	Ionut-Gabriel Raducu, Valentina-Camelia Bojan, Florin Pop, Mariana Mocanu, Valentin Cristea, Real-Time Alert Service for Cyber-Infrastructure Environments Krakow, Poland, 10th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC), 4-6 Nov., 2015 pp: 296-303 DOI: 10.1109/3PGCIC.2015.122 Print ISBN: 978-1-4673-8317-2; WOS: 000380398500046	5	0.250	6.00
22	Tănase Gula, Cristina Grosu, Diana Nanuti, Mariana Mocanu, Sorin N Ciolofan, ArcGIS based visualization tool for assessment of earthquakes impact, Ninth International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS), DOI: 2015 10.1109/cisis.2015.43; WOS: 000380431900047	5	0.250	6.00
23	Mocanu, Mariana; Ionita, Anca Daniela; CLUEFARM, A SPACE FOR EDUCATION,The 11th International Scientific Conference eLearning and Software for Education,1,pg: 350-355,2015, Carol I, National Defence University"; WOS: 000384469000051	2	0.250	15.00
24	Horelu, A.; Apostol, E.; Leordeanu, C.; Huru, D.; Mocanu, M.; Cristea, V.: Forecasting Techniques for Time Series from Sensor Data, The 17th International Symposium on Symbolic and Numerical Algorithms for Scientific Computing, SYNASC 2015, Timișoara, sept. 2015, DOI: 10.1109/SYNASC.2015.49; WOS: 000384643800042	6	0.250	5.00
25	Mariana Mocanu, Modeling Mediation Processes in Education, 12th eLearning and Software for Education Conference - eLSE 2016, eLSE 2016, Workshop on Models and Technologies for Providing Education and Awareness Services, pg 260 - 265; WOS: 000385397100038	1	0.250	30.00
26	Salah H., Mariana Mocanu, Adina Florea, (2015), Development of a Real-time web-Ecological decision support system to calculate water quality and water pollution (waterdss) in the city of Baghdad,UPB Scientific Bulletin, Seria C, Electrical Engineering and Computer Science, ISSN – 2286 – 3540; vol. 76 pg. 53-64 WOS: 000388733300005	3		
27	Mariana Mocanu, Marian Muste, Interjurisdictional Collaboration in Water Resource Management, AQTR 2016, Cluj Napoca, mai 2016, pg. 527-532; DOI: 10.1109/AQTR.2016.7501393; WOS: 000390997900086	2	0.250	15.00
28	Catalin Negru, Florin Pop, Mariana Mocanu, Valentin Cristea, Anca Hangan, Lucia Vacariu, Cost-aware Cloud Storage Service Allocation for Distributed Data Gathering, AQTR 2016, Cluj Napoca, mai 2016; pg. 31-35; 10.1109/AQTR.2016.7501280; WOS: 000390997900006	6	0.250	5.00
29	Ciolofan, Sorin N.; Pop, Florin; Mocanu, Mariana; Cristea, Valentin: Rapid Parallel Detection of Distance-based Outliers in Time Series using MapReduce; CONTROL ENGINEERING AND APPLIED INFORMATICS Volume: 18 Issue: 3 Pages: 63-71 Published: SEP 2016; ISSN: 1454-8658; WOS: 000384513100007	4	0.449	8.50
Total (A2.1)				305.08

A2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [20/nr.autori]	Numar autori	Punctaj
1	Mocanu, Mariana; ,DESIGNING AN IT-ARCHITECTURE FOR A BANK,"University" Politehnica" of Bucharest Scientific Bulletin, Series C: Electrical Engineering",64,4,31-44,2002, BDI: INSPEC; SCOPUS	1	20.00
2	Vuza, DT; Mocanu, M.; ,Relations between AC and transient simulations of synchronous detection circuits used in optical sensors,"University" Politehnica" of Bucharest Scientific Bulletin, Series C: Electrical Engineering",64,2,53-67,2002, BDI: INSPEC, SCOPUS	2	10.00
3	Muste, Marian; Adler, Mary-Jeanne; Drobot, R; Mocanu, M.; "Cyberobservatory for Supporting Science. Management, and Public Warning: International Case Studies",,,,,2010,BALWOIS	4	5.00
4	Zaharia, Sorin; Mocanu, Mariana; Enescu, Alexandra; ,National Register Of Qualifications In Higher Education (Rncis) "The Facebook Of Romanian Universities,European Journal of Qualifications,,5,45-53,2011, BDI: Google Scholar	3	6.67
5	Mocanu, Mariana; ,University for Society, European Journal of Qualifications,6,,11-14,2012, BDI: Google Scholar	1	20.00
6	Mironica, Diana; Constantin, Ruxandra; Mocanu, Mariana; ,The Influence of Local Descriptors on Content Based Image Retrieval Systems for Building Recognition,2012 Third International Conference on Emerging Intelligent Data and Web Technologies,,,154-157,2012, BDI: IEEE Xplore, EIDWT 2012	3	6.67
7	Mocanu, Mariana; Craciun, Alexandru; ,Monitoring watershed parameters through software services,2012 Third International Conference on Emerging Intelligent Data and Web Technologies,,,287-292,2012, BDI: IEEE Xplore, EIDWT 2012	2	10.00
8	Ciolofan, Sorin N; Mocanu, Mariana; Ionita, Anca; ,Distributed cyberinfrastructure for decision support in risk related environments,"Parallel and Distributed Computing (ISPC), 2013 IEEE 12th International Symposium on",,,109-115,2013, BDI: IEEE Xplore, DOI: 10.1109/ispc.2013.23	3	6.67
9	Salah H., Mocanu M., Florea A., (2014), Analysis of Data Mining Tools Used for Water Resources Management in Tigris River, Advanced Management Science (AMS), Vol. 3, No.2, 2014, pp. 1-10.Science (J. Liebowitz), Elsevier Inc., vol. 21, 1600 John F Kennedy Boulevard Suite 1800 Philadelphia PA 19103-2879 USA, pp. 99-106, September 2013	3	6.67
10	Andrei, Pistricea Sorin; Victor, Asavei; Horia, Geanta; Florica, Moldoveanu; Alin, Moldoveanu; Catalin, Negru; Mariana, Mocanu; Evolution Towards Distributed Storage in a Nutshell, High Performance Computing and Communications, 2014 IEEE 6th Intl Symp on Cyberspace Safety and Security, 2014 IEEE 11th Intl Conf on Embedded Software and Syst (HPCC, CSS, ICSS), 2014 IEEE Intl Conf on", pg. 1267-1274,2014, BDI: IEEE Xplore	7	2.86
11	Sorin Ciolofan, Mariana Mocanu, Florin Pop, Valentin Cristea, Improving Quality of Water Related Data in a Cyberinfrastructure, Third International Workshop on Cyber Physical Systems, Romanian Academy, Bucharest; 05/2014, DOI: 10.13140/2.1.1380.4803	4	5.00
12	Nita, Mihaela-Catalina; Pop, Florin; Mocanu, Mariana; Cristea, Valentin; FIM-SIM: Fault Injection Module for CloudSim Based on Statistical Distributions, Journal of Telecommunications and Information Technology, 4, 14,2014,Instytut Łacznosci-Panstwowy Instytut Badawczy (National Institute of Telecommunications); BDI: INSPEC; SCOPUS	4	5.00
13	Ionita, Anca Daniela; Mocanu, Mariana; ,A Metamodelling Perspective on the Users of a Service-Oriented Hydrology System,Proceedings of the World Congress on Engineering,1,,2014, http://www.iaeng.org/publication/WCE2014/WCE2014_pp530-535.pdf; BDI: IEEE Xplore	2	10.00
14	Salah, H.A.; Mocanu M.; Florea, A.M. Implementation of the Web-based Decision Application WATERDSS: Water Decision Support System with Knowledge-Driven, International Journal of Enhanced Research in Management & Computer Applications, ISSN: 2319-7471 Vol. 4 Issue 1, January-2015, pp: (55-67), Available online at: www.erpublications.com; India Impact Factor IJERMCA 1,544 - http://www.researcherid.com/rid/B-6734-2016; http://www.erpublications.com/our-journals-dti-pdf.php?pid=2&id=113; BDI: ISRAJIF	3	6.67
15	Salah H., Mocanu M., Florea A., (2015), Mobile Phone Application (WATERDSS) Water Decision Support System for Water Management, International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0072, Vol. 02 Issue 07, October-2015, pp. 44-53, Available online at: https://www.irjet.net/volume-2-issue-7; SJIFactor.com - SJIF Scientific Journal Impact Factor - 4.45; BDI: ISRAJIF	3	6.67

16	Salah, H.A.; Mocanu M.; Florea, A.M. Modeling and Implementing of an Agent-Based Decision Application WATERDSS: Water Decision Support System for Water Resource Management, International Journal of Emerging Trends & Technology in Computer Science, ISSN 2278-6856 Volume & Issue no: Volume 5, Issue 1, January - February 2016, pages: 005-015,	3	6.67
17	Mocanu, Bogdan; Muresan, Vlad; Mocanu, Mariana; Cristea, Valentin: Cloud live streaming System based on Auto-adaptive Overlay for Cyber Physical Infrastructure, Proceedings of the Third International Workshop on Adaptive Resource Management and Scheduling for Cloud Computing, pg. 52-58, DOI: 10.1145/2962564.2962571, BDI: ACM, ISBN: 978-1-4503-4227-8	4	5.00
18	Negru, C., Mocanu, M., Cristea, V., Sotiriadis, S., Bessis, N. (2016) "Analysis of Power Consumption in Heterogeneous Virtual Machine Environments", Soft Computing Elsevier, volume 20, Number 4, DOI 10.1007/s00500-016-2129-7, ISSN: 1432-7643 (Print) 1433-7479 (Online); BDI: Scopus, ISI	5	4.00
19	Stelios Sotiriadis, Nik Bessis, Euripides G.M. Petrakis, Cristiana Amza, Catalin Negru, Mariana Mocanu, Virtual machine cluster mobility in inter-cloud platforms, Future Generation Computer Systems, Available online 24 March 2016, ISSN 0167-739X, DOI:10.1016/j.future.2016.02.007; BDI: SCOPUS, ACM, Computing Reviews, ISI	7	2.86
Total (A2.2)			146.38

A2.3.1	Proprietate intelectuala, brevete de inventie, certificate ORDA, internationale [35/nr.autori]	Numar autori	Punctaj
Total (A2.3.1)			0.00

A2.3.2	Proprietate intelectuala, brevete de inventie, certificate ORDA, Nationale [20/nr.autori]	Numar autori	Punctaj
1	Negrus Eugen Mihai, Mocanu Mariana-Ionela, Ciubotaru Ovidiu, Hainăroșie Ioan: <i>Metoda și aparat pentru verificarea presiunii incorecte în pneuri fără cuplaj pneumatic</i> , Brevet de invenție nr. 88598/1985	4	5
2	Ovidiu Ciubotaru, Mariana Mocanu, Augustin Schuster: Metodă de conversie frecvență/tensiune cu răspuns rapid, Brevet de invenție nr. 103183/1994; Ciubotaru O, Mocanu M, Schuster A: Frequency-voltage fast conversion method - generating analog signal proportional with frequency using digital signal; Patent Number(s): RO103183-A; http://apps.webofknowledge.com/full_record.do?product=DIIDW&search_mode=OneClickSearch&qid=2&SID=V1UWE8UJWk2mVyaBhLW&page=3&doc=134&colname=DIIDW ; Derwent Primary Accession Number: 1993-262690 []	3	6.67
Total (A2.3.2)			11.67

A2.4.1.1	Granturi / proiecte internationale castigate prin competitie - Director de proiect [20 * ani in desfasurare]	Numar ani	Punctaj
1	TEMPUS 530537 TEMPUS -1-2012-1-DE-TEMPUS-SMGR Development of Quality Assurance in Higher Education in Moldova, oct 2012, august 2016	3.5	70
2	TEMPUS 530399-TEMPUS-1-2012-1-AT-TEMPUS-JPHES Encouraging the process of curriculum development based on learning outcomes and research guided teaching in the private higher education institutions of Kosovo, 15 oct 2012 - 14 aprilie 2015	2.5	50
3	Proiect TEMPUS "Supporting and Developing the Structures for the Q&A at the Private Higher Education Institutions in Kosovo" Project Reference No: 159051-TEMPUS-1-2009-1-AT-TEMPUS-SMGR, 2010-2012	2	40
4	Excellence in Smart Data and Services for Supporting Water Management - DATA4WATER, H2020 — H2020-TWINN-2015, 690900 — DATA4WATER, 1.01.2016-31.12.2018	3	60
Total (A2.4.1.1)			220.00

A2.4.1.2	Granturi / proiecte nationale castigate prin competitie - Director de proiect [10 * ani in desfasurare]	Numar ani	Punctaj
1	Prototype Cyberinfrastructure-based System for Decision-Making Support in Water Resources Management - CyberWater, PNII Parteneriate - tip 1, nr. 47/2012, 2012 - 2016	4	40
2	Premierea rezultatelor cercetării - UEFISCDI 2016	3	30
3	Sisteme electronice pentru optimizarea regimurilor de funcționare ale autovehiculelor, coordonator științific, contract nr. 3001/A73 din 1994, încheiat cu Ministerul Învățământului	2	20
4	Sisteme numerice de supraveghere și automatizare a regimurilor de funcționare a autovehiculelor, coordonator științific, contract nr. 5001/A95 din 1996, încheiat cu Ministerul Învățământului	2	20
Total (A2.4.1.2)			110.00

A2.4.2.1	Granturi / proiecte internationale castigate prin competitie - Membru in echipa [4 * ani in desfasurare]	Numar ani	Punctaj
1	Strategic support on strengthening the quality assurance structures at the private higher education institutions in Albania, QAinAL, 561510-EPP-1-2015-1-AT-EPPKA2-CBHE-JP, Agreement number 2015-3540 / 001-001	3	12
2	Proiect EUREKA E!4053 "Testarea fiabilitatii sistemelor medicale" ReTeMes, 2008	1	4
3	HighVec: Curriculum development: Highway/Road Construction Engineering and Vehicle Engineering, TEMPUS 544061-TEMPUS-1-2013-1-ES-TEMPUS-JPCR	3	12
Total (A2.4.2.1)			28.00

A2.4.2.2	Granturi / proiecte nationale castigate prin competitie - Membru in echipa [2 * ani in desfasurare]	Numar ani	Punctaj
1	Sistem informatic bazat pe servicii cloud, accesibile prin dispozitive mobile, pentru cresterea calitatii produselor si dezvoltarea afacerilor fermelor agricole (CLUeFARM) PNII - 29/2014	3	6
2	MobyWay: Mobility Beyond Individualism: an Integrated Platform for Intelligent Transportation Systems of Tomorrow (Ro: Platformă Integrată pentru Sistemele de Transport Inteligent ale Viitorului), Proiect code PN-IIPT-PCCA-2013-4, No. 16/2014	3	6
3	Sistem de alertare timpurie și asistare computerizată a deciziilor, bazat pe evaluarea anticipativă a dinamicii rapide a vulnerabilităților induse în teritoriul de obiectivele nucleare (N-WATCHDOG) PN II UEFISCDI/298/2014	3	6
4	Proiect POSDRU/2/1.2/S/2, ID 1622, "Dezvoltarea unui sistem operational al calificarilor din invatamantul superior din Romania" DOCIS	3	6
5	Proiect POSDRU, "Dezvoltarea capacitatii de implementare a sistemului de calificari din invatamantul superior"-DECIS, ID 61152	3	6
6	Proiect POSDRU "Program strategic pentru promovarea inovarii in servicii prin educatie deschisa, continua" (INSEED), Proiect POSDRU/86/1.2/S/57748	3	6

7	Proiect POS-CCE, O212 ID551,cod SMIS-CSNR 12038"Framework pentru compunerea serviciilor, bazat pe ontologii pentru agregarea cunostintelor si informatiilor din cladiri inteligente" (FCINT), 2010-2013	3	6
8	Proiect FAR ,Consiliere, formare profesionala si asistenta pentru afaceri in mediul rural – FAR, POSDRU/83/5.2/S/59260	3	6
9	Proiect POSDRU: "Promovarea culturii antreprenoriale la nivelul regiunii Sud-Est – PAR-SE"(Contract nr. POSDRU/26/3.1/G/39186)	3	6
10	Sistem colaborativ integrat bazat pe cunotine pentru imbunatatirea managementului universitatilor economice, in contextul noului Cadru al Calificarilor din Invatamantul superior (SIMCE) 2011-2012 - POSDRU/86/1.2/S/58160	2	4
11	Contract 11-075/18.09.2007 – CNMP Sistem informatic bazat pe achizitie date si metode avansate de decizie in timp real pentru comanda si controlul unui costum ortetic robotizat pentru asistarea persoanelor cu dizabilitati ale aparatului locomotor (SICCCOR)	3	6
12	Proiect FSE: POSDRU/7/2.1/S/3 Parteneriat national pentru implementarea proiectelor firme-facultati in vederea tranzitiei de la scoala la viata activa (PACT) ID 3405	3	6
13	Reducerea emisiilor poluante ale MAC, pentru autocamioane, prin utilizarea sistemelor de filtrare a particulelor - contract 33-91-3/B-44/1994	2	4
14	Cercetarea teoretică asistată de calculator a posibilităților de perfecționare a mecanismului de distribuție pe baza modelelor de calcul elaborate - contract 36-5-4 /1985 (IPB)	1	2
15	Cercetarea și proiectarea asistată de calculator a unor procese și subsansamble ale automobilelor în vederea sporirii calității dinamice, a reducerii consumului de combustibil și nivelului de poluare (chimică și sonoră) - contract 36-5-4B /1986 (IPB)	1	2
16	Cercetări privind proiectarea generală asistată de calculator a transmisiei autovehiculelor în vederea optimizării calităților de dinamica tracțiunii și de consum de combustibil - contract 36-5-4D/1986 (IPB)	1	2
17	Cercetarea de optimizare a proceselor de formare a amestecului de ardere la motoarele Diesel rapide și foarte rapide, cu camera de ardere cu compartiment separat de vârtej, în vederea reducerii consumului de combustibil și a emisiilor poluante - contract 36-5-4E/1987 (IPB)	1	2
18	Sistem pentru achiziția, stocarea și redarea informației rezultate din testele specifice încercării anvelopelor - contract 27-7-4 I/1987 (IPB)	1	2
19	Sistem pentru achiziția, stocarea și redarea informației rezultate din testele specifice încercării anvelopelor - contract 27-7-4 II /1988 (IPB)	1	2
20	Cercetări privind încercarea comparativă a noilor tipuri de pneuri pentru autoturisme și autocamioane; 185/60 R13, 185/60 R14, 6.50x16 și 6.50 R16; 11.00x20 și 12R 22.5; măsurarea temperaturii aerului din anvelope - contract 33-90-1 (IPB)	1	2
21	Sisteme electronice pentru optimizarea regimurilor de funcționare a autovehiculelor -contract 33-91-4 (IPB)	2	4
22	Cercetarea interacțiunii pneu-drum în vederea reducerii rezistenței la rulare, a zgomotului și vibrațiilor și îmbunătățirii securității active a autovehiculelor - contract 33-91-3/93 (3001) (UPB)	2	4
23	Cercetări privind realizarea sistemului de filtrare a particulelor la motoarele Diesel, de autocamioane - contract 33-93-1 (UPB)	2	4
Total (A2.4.2.2)			100.00

A3	Recunoasterea si impactul activitatii (A3)	270.33
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A3.1.1	Citari in carti, reviste si volume ale unor manifestari stiintifice - carti, ISI [8/nr. autori citati]	Nr. aut. art. citat	Punctaj
	Mariana Mocanu, Marian Muste, Vasile Lungu, Radu Drobot: Composite application for water resource management, <i>Advances in Intelligent Control Systems and Computer Science</i> , 295-306, 2013, Springer Berlin Heidelberg		
1	Composite Web Information System for Management of Water Resources; DOI: 10.1007/s11269-015-0941-y N Stefanovic, I Radojevic, A Ostojic, L Comic... - <i>Water Resources</i> ..., 2015 - Springer	4	2.00
2	Negru, Iuliana-Valentina, "Visualisation Methods for Geodemographic Transformations," <i>Control Systems and Computer Science (CSCS)</i> , 2015 20th International Conference on , vol., no., pp.164,168, 27-29 May 2015 doi: 10.1109/CSCS.2015.86, URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7168424&isnumber=7168393	4	2.00
	Ionut-Gabriel Raducu, Valentina-Camelia Bojan, Florin Pop, Mariana Mocanu, Valentin Cristea, Real-Time Alert Service for Cyber-Infrastructure Environments Krakow, Poland, 10th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC), 4-6 Nov., 2015 pp: 296-303 DOI: 10.1109/3PGCIC.2015.122 Print ISBN: 978-1-4673-8317-2; WOS: 000380398500046		
3	Bimonte, Sandro; Naoufal, Echcherki; Gineste, Laurent; A system for the rapid design and implementation of Personalized Agricultural Key Performance Indicators issued from sensor data; <i>COMPUTERS AND ELECTRONICS IN AGRICULTURE</i> Volume: 130 Pages: 1-12 Published: NOV 15 2016	5	1.60
	Mocanu, Mariana; Cristea, Valentin; Negru, Catalin; Pop, Florin; Ciobanu, Vlad; Dobre, Ciprian; Cloud-Based Architecture for Farm Management, 20th International Conference on Control Systems and Computer Science (CSCS), 2015 pg. 814-819, 2015, IEEE, DOI: 10.1109/cscs.2015.55; WOS: 000380375200118		
4	Bimonte, Sandro; Naoufal, Echcherki; Gineste, Laurent; A system for the rapid design and implementation of Personalized Agricultural Key Performance Indicators issued from sensor data; <i>COMPUTERS AND ELECTRONICS IN AGRICULTURE</i> Volume: 130 Pages: 1-12 Published: NOV 15 2016	6	1.33
	Mocanu, Mariana; Vacariu, Lucia; Drobot, Radu; Muste, Marian: Information-centric systems for supporting decision-making in watershed resource development, "Control Systems and Computer Science (CSCS)", 2013 19th International Conference on", 611-616, 2013, IEEE		
5	Guangyu Wang, Shari Mang, Haisheng Cai, Shirong Liu, Zhiqiang Zhang, Liguang Wang, John L. Innes: Integrated watershed management: evolution, development and emerging trends, <i>Journal of Forestry Research</i> , pp 1–28, (2016). doi:10.1007/s11676-016-0293-3	4	2.00
6	Negru, Iuliana-Valentina, "Visualisation Methods for Geodemographic Transformations," <i>Control Systems and Computer Science (CSCS)</i> , 2015 20th International Conference on , vol., no., pp.164,168, 27-29 May 2015 doi: 10.1109/CSCS.2015.86, URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7168424&isnumber=7168393	5	1.60
	Serrouch, Adil; Mocanu, Mariana; Pop, Florin; Soil Management Services in CLUEFARM, 14th International Symposium on Parallel and Distributed Computing (ISPD), 2015, pg. 204-209, IEEE, DOI: 10.1109/ispd.2015.30, WOS: 000380396000025		
7	Bimonte, Sandro; Naoufal, Echcherki; Gineste, Laurent; A system for the rapid design and implementation of Personalized Agricultural Key Performance Indicators issued from sensor data; <i>COMPUTERS AND ELECTRONICS IN AGRICULTURE</i> Volume: 130 Pages: 1-12 Published: NOV 15 2016	3	2.67

	Bojan, Valentina-Camelia; Raducu, Ionut-Gabriel; Pop, Florin; Mocanu, Mariana; Cristea, Valentin; „Cloud-based service for time series analysis and visualisation in Farm Management System,” Intelligent Computer Communication and Processing (ICCP), 2015 IEEE International Conference on”, 425-432, 2015, IEEE, DOI: 10.1109/iccp.2015.7312697 WOS:000377121700056		
8	Bimonte, Sandro; Naoufal, Echcherki; Gineste, Laurent; A system for the rapid design and implementation of Personalized Agricultural Key Performance Indicators issued from sensor data; COMPUTERS AND ELECTRONICS IN AGRICULTURE Volume: 130 Pages: 1-12 Published: NOV 15 2016	5	1.60
	Zaharia, Sorin; Mocanu, Mariana; Enescu, Alexandru; National Register Of Qualifications In Higher Education (Rncis)–The Facebok Of Romanian Universities, European Journal of Qualifications, 5, 45-53, 2011,		
9	Automated UML Model Comparison for Quality Assurance in Software Engineering Education A CERNIAN, Ș Florea, AD Ionită - Conference proceedings of” ..., 2013 - ceool.com	3	2.67
	Mocanu, Mariana; Craciun, Alexandru; Monitoring watershed parameters through software services, 2012 Third International Conference on Emerging Intelligent Data and Web Technologies, 287-292, 2012, IEEE		
10	Adaptive scheduling algorithm for media-optimized traffic management in software defined networks F Pop, C Dobre, D Comaneci, J Kolodziej - Computing, 2014 - Springer	2	4.00
11	Deadline scheduling for aperiodic tasks in inter-Cloud environments: a new approach to resource management F Pop, C Dobre, V Cristea, N Bessis, F Xhafa... - The Journal of ..., 2015 - Springer	2	4.00
	Mocanu, Mariana; University for Society, European Journal of Qualifications, 6, 11-14, 2012,		
12	Towards a web-based community for academic measurement laboratories A Olteanu, C Niculescu, AD Ionită - Conference proceedings of” ..., 2013 - ceool.com	1	8.00
13	M Ionita, D Asan, Blended learning in foreign language learning: Succesful approach or just a trendy one, The 9 th International Scientific Conference eLearning and software for Education Bucharest, April 25-26, 2013 M Ionita, D Asan - ceool.com	1	8.00
14	The 9 th International Scientific Conference eLearning and software for Education Bucharest, April 25-26, 2013 M STOICA, GL VĂLCEANU - QUALITY AND EFFICIENCY IN E-LEARNING - ceool.com	1	8.00
	Pop, F.; Ciolofan, S.; Negru, C.; Mocanu, M.; Cristea, V. A Bio-Inspired Prediction Method for Water Quality in a Cyber-Infrastructure Architecture Complex, Intelligent and Software Intensive Systems (CISIS), 2014 Eighth International Conference on , vol., no., pp.367,372, 2-4 July 2014; doi: 10.1109/CISIS.2014.51; URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6915541&isnumber=6915447		
15	Negru, Iuliana-Valentina, "Visualisation Methods for Geodemographic Transformations," Control Systems and Computer Science (CSCS), 2015 20th International Conference on , vol., no., pp.164,168, 27-29 May 2015 doi: 10.1109/CSCS.2015.86, URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7168424&isnumber=7168393	5	1.60
	Ciolofan, Sorin N; Mocanu, Mariana; Ionita, Anca Daniela; Cyberinfrastructure architecture to support decision taking in natural resources management, 2013 19th International Conference on Control Systems and Computer Science, ..., 2013,		
16	Vacariu, Lucia; Cret, Octavian; Hangan, Anca; Bacotiu, Ciprian, "Water Parameters Monitoring on a Cyberwater Platform," Control Systems and Computer Science (CSCS), 2015 20th International Conference on , vol., no., pp.797,802, 27-29 May 2015 doi: 10.1109/CSCS.2015.24 URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7168516&isnumber=7168393	3	2.67
17	Vacariu, Lucia; Hangan, Anca; Cret, Octavian; Hedesi, Horia, "An INSPIRE-Compliant System for Pollution Detection for Somes River," Control Systems and Computer Science (CSCS), 2015 20th International Conference on , vol., no., pp.803,808, 27-29 May 2015 doi: 10.1109/CSCS.2015.25 URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7168517&isnumber=7168393	3	2.67
18	Negru, Iuliana-Valentina, "Visualisation Methods for Geodemographic Transformations," Control Systems and Computer Science (CSCS), 2015 20th International Conference on , vol., no., pp.164,168, 27-29 May 2015 doi: 10.1109/CSCS.2015.86, URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7168424&isnumber=7168393	3	2.67
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19	A Conceptual Service Oriented Architecture Framework for Integrated Flood Management MHI Hamzah, F Baharom, A Hussain - researchgate.net	3	2.67
	Total (A3.1.1)		61.73

A3.1.2	Citari in carti, reviste si volume ale unor manifestari stiintifice - BDI [4/nr. autori citati]	Nr. aut. art. citat	Punctaj
	Mocanu, Mariana; Schuster Carmen: Managementul proiectelor, 2004, Ed. All Beck		
1	Enache, Roxana; Crisan, Alina; MANAGEMENT OF EUROPEAN PROJECTS - LANDMARKS IN ELABORATION, EVALUATION, IMPLEMENTATION International Conference on Management and Industrial Engineering 7: 460-464. Bucharest: Niculescu Publishing House. (Oct 2015)	2	2.00
2	R Enache, A Crisan, NEEDS ANALYSIS IN TRAINING PROGRAMS, International Conference on Management and Industrial Engineering 7: 455-459. Bucharest: Niculescu Publishing House. (Oct 2015), search.proquest.com	2	2.00
3	THE IMPACT OF THE LEGISLATIVE FRAME FOR THE ACCOUNTING MONOGRAPHY OF EUROPEAN PROJECTS WHEN THE BENEFICIARY IS A PUBLIC ... NM LESCONI-FRUMUȘANU... - ... 'Resita. Fascicola II. 2014 - search.ebscohost.com	2	2.00
4	ESSENTIAL FEATURES OF IMPLEMENTING THE PDTS METHODOLOGY WITHIN IT&C PROJECTS EXECUTION NA Pana - Land Forces Academy Review, 2012 - search.proquest.com	2	2.00
5	[PDF] Project management adjustment to the new world trends A Cruceru - Volume, 2011 - rebe.rau.ro	2	2.00
6	The Role of Accounting Information Writing and Project Implementation ML FRUMUSANU, A Breuer, D Jurchescu - OF THE UNIVERSITY OF ..., 2011 - upet.ro	2	2.00
7	Corghenci, Ludmila, La collection de bibliographies „Universitaria” : 10 ans de publication, Symposia Investigatio Bibliotheca, editia 2009, URI: http://hdl.handle.net/123456789/255 ; http://files.ulim.md:8080/xmlui/handle/123456789/255	2	2.00
8	The control of investment projects: types of control, the stages of the process, control systems I Hurjui - The USV Annals of Economics and Public ..., 2008 - annals.seap.usv.ro	2	2.00
9	Investment projects: general presentation, definition, classification, characteristics the stages I Hurjui, MC Hurjui - The USV Annals of Economics and Public ..., 2008 - seap.usv.ro	2	2.00
10	Designul organizarii structurale a managementului prin proiecte D Constantinescu, C Etegan - Management & Marketing-Bucharest, 2007 - ceool.com	2	2.00
11	C.P Simion; V. Radu: Abordari ale managementului riscului proiectelor in ghidurile si standardele internationale - constructii.incerc2004.ro	2	2.00
12	FIȘA DISCIPLINEI MANAGEMENTUL PROIECTELOR PENTRU AFACERİ ÎN COMERȚ, TURISM ȘI SERVICII DE MPPAIÎN COMERT, TSIS DE - upit.ro	2	2.00

13	[PDF] Risk Management Plan In The Case Of An Infrastructure Development Project Funded By The Sectoral Operational Programme Increase Of Economic ... M Kadar, IM Achim, L Cabulea - Annales Universitatis Apulensis ..., 2010 - oeconomica.uab.ro	2	2.00
14	[PDF] PEDAGOGIA ARTEI; EPIN ARTA - unarte.org; • Antonesei, Liviu, O introducere in pedagogie, Dimensiunile axiologice si transdisciplinare ale educatiei, Ed. Polirom, Iasi, 2002. • Cerghit, Ioan, Neacsu, Ioan, Negret-Dobridor, Ion, Panisoara, Ion Ovidiu, Prelegeri pedagogice, Ed. Polirom, Iasi, 2002. • Ciolan, L., ... Mariana Mocanu; Carmen Schuster, „Managementul proiectelor-Calea spre creșterea competitivității”, Editura All Back, București, 2001	2	2.00
15	Botezatu, Mihai Alexandru.: INSIGHT INTO PROJECT RISK MANAGEMENT; Journal of Information Systems & Operations Management (Summer 2016): pg1-16; ISSN: 1843-4711	2	2.00
16	La collection de bibliographies „Universitaria”: 10 ans de publication L Corghenci - 2014 - files.ulim.md	2	2.00
17	C Neagu, C Braicu, Conflicts Management in Constructions Projects, Romanian Statistical Review, 2013 - search.ebscohost.com	2	2.00
18	ATRAGEREA FONDURILOR PRIN MANAGEMENT DE PROIECT C Ilieși - Studia Universitatis Vasile Goldiș, Arad-Seria Științe ..., 2007 - ceeol.com	2	2.00
19	Project management an useful tool for the European integration A Griqorescu - 2006 - mpra.ub.uni-muenchen.de	2	2.00
20	Managementul proiectelor C Opran, S Stan, B Abaza, S Nastasa - Editura Comunicare.ro, Bucuresti, 2002	2	2.00
21	Managementul riscului L PARAIPAN, S Corina - Bursa Romana de Mărfuri, București, 2001 - 46.214.78.160	2	2.00
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	Mocanu, Mariana; Vacariu, Lucia; Drobot, Radu; Muste, Marian: Information-centric systems for supporting decision-making in watershed resource development, "Control Systems and Computer Science (CSCS), 2013 19th International Conference on",...,611-616,2013,IEEE		
24	Data Acquisition, Processing and Visualization for Early Warning Information Systems AD Ionita - International Symposium on Fundamentals of Electrical ..., 2014 - isfee.elth.pub.ro	4	1.00
25	A. Hangan, L. Vacariu, O. Creț, M. Muste, Providing Water Parameters Monitoring Data through Interoperable Web Services. Proceedings of the 11th International Conference on Informatics in Control, Automation and Robotics, ICINCO 2014, 1-3 September 2014, Vienna, Austria, pp. 684-690, ISBN: 978-989-758-039-0	4	1.00
26	Proiecte colaborative de cercetare aplicativa AD IONITA, IC PRISECARU, AO Goicea - proiecte.nipne.ro	4	1.00
27	Catalin Negru, Florin Pop, Valentin Cristea, COST OPTIMIZATION FOR DATA STORAGE IN PUBLIC CLOUDS: A USER PERSPECTIVE, Proc. of the IE 2014 International Conference, C Negru, F Pop, V Cristea - Proceedings of 13th International ..., 2014 - researchgate.net	4	1.00
	Ciolofan, Sorin N; Mocanu, Mariana; Ionita, Anca Daniela; Cyberinfrastructure architecture to support decision taking in natural resources management,2013 19th International Conference on Control Systems and Computer Science, ...,2013,		
28	Providing water parameters monitoring data through interoperable web services A Hangan, L Vacariu, O Creț... - Informatics in Control, ..., 2014 - ieeexplore.ieee.org	3	1.33
	Mocanu, Mariana; Craciun, Alexandru; Monitoring watershed parameters through software services,2012 Third International Conference on Emerging Intelligent Data and Web Technologies, ...,287-292,2012,IEEE		
29	Negru, C.; Pop, F.; Cristea, V.: COST OPTIMIZATION FOR DATA STORAGE IN PUBLIC CLOUDS: A USER PERSPECTIVE, Proc. of the IE 2014 International Conference, https://www.researchgate.net/publication/279525431	2	2.00
	Zaharia, Sorin; Mocanu, Mariana; Enescu, Alexandru; National Register Of Qualifications In Higher Education (Rncis)–The Facebook Of Romanian Universities,European Journal of Qualifications, 5,45-53,2011,		
30	Tentative conclusions regarding Romanian professional perceptions on the competences specific for PR specialists M Cernicova, M Dragomir, A Palea - ... Conference, Vol. 4. Issue 1/2011, 2011 - cls.upt.ro	3	1.33
31	Place attachment, proactive coping and well-being in university environment C Bogdan, L Rioux, V Negovan - Procedia-Social and Behavioral Sciences, 2012 - Elsevier	3	1.33
	Ionita, Anca Daniela; Mocanu, Mariana; Ciolofan, Sorin N; Modeling with SoaML Applied for Warning and Water Management Services,"Control Systems and Computer Science (CSCS), 2013 19th International Conference on",...,624-627,2013,IEEE		
32	A novel technique for static slicing of SoaML Service Interface Diagram K Rana, H Shah, DP Mohapatra - India Conference (INDICON), ..., 2014 - ieeexplore.ieee.org	3	1.33
	Ciolofan, Sorin N; Mocanu, Mariana; Ionita, Anca; Distributed cyberinfrastructure for decision support in risk related environments,"Parallel and Distributed Computing (ISPD), 2013 IEEE 12th International Symposium on",...,109-115,2013,IEEE		
33	V Dmitriyev, JM GĂomez, M Osmer; Big Data Inspired Water Management Platform for Sensor Data, Douglas Cunningham, Petra Hofstedt, Klaus Meer,Ingo Schmitt (Hrsg.): INFORMATIK 2015 Lecture Notes in Informatics (LNI), Gesellschaft fur Informatik, Bonn 2015	3	1.33
	POLLUTION DETECTION ON THE CYBERWATER PLATFORM. L Vacariu, A Hangan, M Mocanu Environmental Engineering & Management Journal (EEMJ) 14 (9)		
34	AD Ionita, CT Eftimie, G Lewis, M Litoiu - International Conference on ..., 2016 - Springer. Integration of Hazard Management Services - International Conference on ..., 2016	3	1.33
	Heterogeneous sensor network systems; Heterogeneous sensor network systems F Manaila, M Mocanu - 2014 IEEE 10th International Conference on Intelligent ... - infona.pl		
35	Waveperf: a benchmark generator for performance evaluation J Kriegel, F Broekaert, A Pegatoquet, M Auguin - ACM SIGBED Review, 2012 - dl.acm.org	2	2.00
	Customisable decision support service for water management in river basins SI Popescu, M Mocanu, AD Ionita - ... and Processing (ICCP), ..., 2014 - ieeexplore.ieee.org		
36	Waveperf: a benchmark generator for performance evaluation J Kriegel, F Broekaert, A Pegatoquet, M Auguin - ACM SIGBED Review, 2012 - dl.acm.org	2	2.00
	Salah H., Mariana Mocanu, Adina Florea, "Development of a prototype ArcGIS- web-based decision application WATERDSS: For water pollution management" in 2015 7th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Bucharest, 2015, pp. E-1-E-6.		
37	ArcGIS scripting: Generating unique hydrogeological maps, Réka Pogácsás, Journal of GeoPython #1, June 20, 2016	3	1.33
	Catalin Negru, Florin Pop, Mariana Mocanu, Valentin Cristea, Anca Hangan, Lucia Vacariu, Cost-aware Cloud Storage Service Allocation for Distributed Data Gathering, AQTR 2016, Cluj Napoca, mai 2016; 10.1109/AQTR.2016.7501280; WOS: 000390997900006		
38	Model of e-commerce cloud warehouse grading based on mass simulation data. W Fan, W Yan-Li, LIU Zhi-Jie... - Journal of Digital ..., 2016 - search.ebscohost.com	6	0.67
	Pop Florin, Negru Catalin, Ciolofan Sorin, Mocanu Mariana, Cristea Valentin, Big Data Optimization. Recent Developments and Challenges / Intelligent Reduction Techniques for Big Data / Optimizing Intelligent Reduction Techniques for Big Data/ , Springer Book May 2016, pp 49-70, ISBN 978-3-319-30265-2		
39	An exact approach for the grocery delivery problem in urban areas F Carrabs, R Cerulli, A Sciomachen - Soft Computing, 2016 - Springer	5	0.80

	Negru, Catalin; Mocanu, Mariana; Chiru, Costin; Draghia, Aurelian; Drobot, Radu; Cost efficient cloud-based service oriented architecture for water pollution prediction, "Intelligent Computer Communication and Processing (ICCP), 2015 IEEE International Conference on", pg. 417-423, 2015, IEEE, DOI: 10.1109/iccp.2015.7312696 WOS:000377121700055			
40	An exact approach for the grocery delivery problem in urban areas F Carrabs, R Cerulli, A Sciomachen - Soft Computing, 2016 - Springer	5	0.80	
	Total (A3.1.2)		67.60	
A3.2.1	Prezentari invitate in plenul unor manifestari stiintifice internationale si profesor invitat [10p/activitate]		Punctaj	
1	visiting profesor, University for Applied Sciences - Regensburg, Germania, 1996, semestrul de vara		10.00	
2	Regional meeting of NQF's, Sept 2012, Istanbul		10.00	
3	invited talk: Learning regions - Conferinta internationala a municipalitatilor - Porto Alegre - Brazilia, 2008		10.00	
	Total (A3.2.1)		30.00	
A3.2.2	Prezentari invitate in plenul unor manifestari stiintifice nationale si profesor invitat [5p/activitate]		Punctaj	
	Total (A3.2.2)		0.00	
A3.3.1	Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate ISI [10p]		Punctaj	
1	Membru in comitetul de program al conferintei internationale CSCS 2013 - Workshopul CyRM, Bucuresti, UPB		10	
2	Membru in comitetul de program al conferintei internationale CSCS 2015 - Workshopul CyRM, Bucuresti, UPB		10	
3	Membru in comitetul de program al conferintei internationale AQTR 2016 - Special Session: Environmental Large Scale Systems - Instruments		10	
	Total (A3.3.1)		30.00	
A3.3.2	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, indexate BDI [6p]		Punctaj	
1	Referent stiintific – AMC - 2 lucrari		12	
2	Referent stiintific – ROMJIST		6	
13	Referent stiintific – IJCSE - 2 lucrari		12	
14	Referent stiintific – FGCS - 4 lucrari		24	
16	Referent stiintific – Scientific Bulletin, University Politehnica of Bucharest, Seria C (BuletinUPB), ISSN: 1223-7027,		6	
	Total (A3.3.2)		60.00	
A3.3.3	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, nationale si internationale neindexate [3p]		Punctaj	
1	Membru in juriul competitiei internationale - Balkan Case Challenge - editia 2010		3	
2	Membru in juriul competitiei internationale - Balkan Case Challenge - editia 2009		3	
3	Membru in juriul competitiei internationale - Balkan Case Challenge - editia 2008		3	
	Organizator al workshopului cu participare internationala: <i>Managementul învățământului superior și al cercetării</i> , Vulcan-Brașov, Martie 2005, împreună cu World University Service Romania		3	
	Membru in comitetul de program al Simpozionului Internațional: Dunărea – Fluviu al destinului european, organizat la Universitatea "Dunărea de Jos", Galați, 28-29 oct. 2005		3	
4	Organizator al workshopului cu participare internationala: <i>Managementul inovativ al localităților</i> , Cismadie, 15-16 iunie 2006 – in colaborare cu Fundatia Konrad Adenauer – biroul Bucuresti și World University Service-Romania		3	
5	Membru in echipa de organizare a simpozionului cu participare internationala: "Information Technology in Romania – more tasks, new markets, further jobs"; World University Services & Friedrich Nauman Foundation; Chamber of Commerce&Industrie; Bucharest, 4th Sept.		3	
	Total (A3.3.3)		21.00	
A3.4.1	Premii in domeniu - Academia Romana, ASTR, academii de ramura, premii internationale [15p]		Punctaj	
	Total (A3.4.1)		0.00	
A3.4.2	Premii in domeniu - premii nationale in domeniu [5p]		Punctaj	
	Total (A3.4.2)		0.00	