UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE PROFESOR

COCÂRŢĂ Diana Mariana
Depart. de Producere si Utilizare a Energiei, Facultatea de Energetică

Condiţii	Îndeplinire condiţii	
A. Doctor	Diploma de Doctor în domeniul **Energetică**, Nr. 340 din 15.08.2007 emisă de Universitatea POLITEHNICA din București Diploma de Doctor în domeniul **Ingineria Mediului**, Nr. 6009 din 13.09.2007 emisă de Universitatea de Studii din Trento, Italia și recunoscută de Universitatea POLITEHNICA din București prin Hotărârea Consiliului de Administrație al UPB nr. 28/18.04.2019	
B. Îndeplinirea standardelor minime naţionale conform OMENCS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]		
Condiţii minimale [Punctaj]	**Minim prevăzut**	**Realizat**
A1. Activitatea didactică şi profesională	120	269,17
A2. Activitatea de cercetare	360	770,08
A3. Recunoaşterea şi impactul activităţii	120	168,26
TOTAL (A)	**600**	**1.207,50**
Condiţii minimale obligatorii pe subcategorii [Număr]	**Minim prevăzut**	**Realizat**
A.1.1.1. Cărţi cu ISBN şi capitole în cărţi de specialitate	4 d.c. 1 prim autor	9 d.c. 3 prim autor
A.1.2.1. Manuale, support de curs inclusive electronic	2 d.c. 1 prim autor	4 d.c. 4 prim autor
A.1.2.2. Îndrumare de laborator / aplicaţii	2 d.c. 1 prim autor	2 d.c. 2 prim autor
A. 2.1.1. Articole în reviste cotate şi în proceedings indexate WOS Thomson Reuters şi brevete de invenţie indexate WOS	10 d.c. 4 în reviste	31/20
A. 2.2.1. Articole în reviste şi în volume ale unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI)	20	23
A. 2.4.1. Granturi câştigate prin competiţie (director / responsabil)	2	6 d.c. 6 director de proiect
3.1.1. Citări în reviste WOS şi în volumele conferinţelor WOS	8	62
3.2.1. Citări în reviste şi volumele conferinţelor BDI	16	24
C. Atestarea studiilor (diploma + Foi Matricole) si a altor realizari profesionale	**Diplomă de Licență**, în domeniul Ingineria mediului, Nr. 5283 din 18.12.2003 emisă de Universitatea POLITEHNICA din București	
	Diplomă de Master, Specializarea Impactul producerii și utilizării energiei asupra mediului, Nr. 253 din 06.12.2004 emisă de Universitatea POLITEHNICA din București **Alte Certificate** **Certificat de absolvire** - pregătire psihopedagogică și metodică, Nr. 1709/22.03.2004, emis de către Departamentul pentru Pregătirea Personalului Didactic din Universitatea POLITEHNICA din București. **Certificat de absolvire** - IMMI software utilizat pentru simularea dispersiei zgomotului și a poluanților în atmosferă, certificat emis de către Wölfel, Höchberg Germania, 29.05.2008. **Certificat de absolvire** – GRASS and Free Open Source GIS emis de către DICA – CUDAM, Universitatea de Studii din Trento, Italia, 30.06.2006. **Certificat de absolvire** – Energia e cooperazzione allo sviluppo: conoscenza, trasferimento e condivisione di tecnologia, certificat emis de către Ingineria fără Frontere, Trento, Italia. **Certificat de absolvire** – Appropriate Technology for Water Supply and Sanitation in Developing countries, certificat emis de către Ingineria fără Frontere Trento, Italia. **Certificat de absolvire** – Potenzialità della citometria a flusso nell'analisi di matrici ambientali, DICA, Universitatea de Studii din Trento și Provincia Autonomă din Trento, Italia. **Certificat de absolvire** – Aut oCAD R13, nr. UPEG – B – 001 – 945 din 28.06.1999, emis de către AutoCAD Training Center Energetica, Centrul de Cercetări Termo Hidraulice UPB. **Atestat profesional** - analist programator, nr. 67 din 19-08-1998, emis de Ministerul Educației Naționale.	

Subsemnata Diana Mariana COCÂRȚĂ, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, ca sunt îndeplinite toate Standardele minimale prevăzute de Metodologia UPB 2018 pentru înscrierea la concurs, in momentul înscrierii la concurs, si susțin veridicitatea informațiilor prezentate in dosar si in materialul de mai sus. Lucrările considerate a fi incluse in Baza ISI Thomson Reuters Web of Science sau in alte Baze de Date Internaționale [BDI] sunt vizibile in aceste baze, in dreptul numelui candidatului, la aceasta data.

Conf. dr. ing. Diana Mariana COCÂRȚĂ **Data: 25 iunie 2019**

IN CONTINUARE: Fişa de calcul si de sustinere a indeplinirii standardelor minimale specifice domeniului, in acord cu realizarile mentionate (FI ai revistelor indexate ISI sunt actualizați la data de 24-06-2019)

A1 - Activitate didactică și profesională **A1.1 Cărți/capitole ca autor**		
A1.1.1.1. Cărți/capitole ca autor - internaționale	**Factor de impact sau echivalent**	**Indicatori (kpi)**
D.M. Cocârţă, Soil and Air Quality Monitoring Techniques, Saxion University of Applied Sciences, Netherlands, ISBN 9789462130234, pp. 1-202, 2018. (Tehnici de masurare a calitatii aerului si solurilor)	nu	**101,00**
D.M. Cocârţă: "La valutazione del rischio per la salute. Uno dei criteri decisionali", Capitol 8, Carte: Energia da Biomasse e Rifiuti, Editori Marco Ragazzi si Cristina Rada, Editura Franco Angeli, Fondazione AMGA, pp. 45 – 49 (5 pages), ISBN 978-88-568-0309-9, Milano, Italy, octombrie 2008. http://www.fondazioneamga.org/pubblicazioni_det.asp?IDpubli=36	nu	**2,50**
Heimann, D., Clemente, M., Elampe, E., Only, X., Miège, B., Defrance, J., Baulac, M., D.M. Cocarta, (...), Van, T. "Air Pollution, Traffic Noise and Related Health Effects in the Alpine Space". Publisher: Università degli Studi di Trento, Editor: Dietrich Heimann, Trento, December 2007, Book. University of Trento, DICA, ISBN 978-88-8443-208-7 (335 pages).	nu	**5,08**
M. Ragazzi, E. C. Cristina, D.M. Cocârţă, M. Venturi, E. Malloci, M. Bianchi, A. Crescimano: "Combustione diretta e indiretta di fanghi", Capitol 4, Carte: "La valorizzazione energetica dei fanghi di depurazione", Raccolta di contrbuti, Quaderni del Dipartimento SAN 5, Editor Università degli Studi di Trento, DICA, ISBN 10 88-8443-135-2, ISBN 13: 978-88-8443-135-6, pp. 45-55 (11 pages), noiembrie 2006. http://www.ing.unitn.it/dica/tools/download/Quaderni/SAN_5.pdf	nu	**0,79**
A. Badea, A. Cemin, D.M. Cocârţă, P. Scaramuzza: "IImpatto degli inquinanti sull'ambiente e sulla salute, Capitol 8, Carte: Introduzione alla termovalorizzazione dei rifiiuti, Editori Marco Ragazzi si Renzo Del Duro, Editura Franco Angeli, Fondazione AMGA, pp. 125 – 149 (24 pages), ISBN 88-464-7638-7, Milano, Italy, ianuarie 2006. http://www.fondazioneamga.org/pubblicazioni_det.asp?IDpubli=21	nu	**3,13**
A. Cemin, D.M. Cocârţă, P. Scaramuzza: "Emissioni gasosi", Chapter 5, Book: Introduzione alla termovalorizzazione dei rifiiuti, Editori Marco Ragazzi si Renzo Del Duro, Editura Franco Angeli, Fondazione AMGA, pp. 89 – 115 (27 pages), ISBN 88-464-7638-7 , Milano, Italy, ianuarie 2006. http://www.fondazioneamga.org/pubblicazioni_det.asp?IDpubli=21	nu	**4,50**
T. Apostol, D.M. Cocârţă, L. Lazăr, C. Mărculescu, E. C. Rada: "Un esempio di collaborazione internazionale nel settore della valorizzazione energetica dei rifiuti", Book (edited by the University of Trento - Italy), Innovazioni nel settore del trattamento termico dei rifiuti speciali, Quaderni del Dipartimento SAN 3, Università degli Studi di Trento, DICA, ISBN 88-8443-077-1, pp. 139-145 (7 pages), 2004. http://www.ing.unitn.it/dica/eng/quaderni_pop/san3.php	nu	**0,70**
T. Apostol, A. Badea, A. Cemin, D.M. Cocârţă, M. Ragazzi, P. Scaramuza: "Analisi dei valori di cancer potency di diossine e furani proposti in letteratura", Book (edited by the University of Trento, Italy), Innovazioni nel settore del trattamento termico dei rifiuti speciali , Quaderni del Dipartimento SAN 3, Università degli Studi di Trento, DICA, ISBN 88-8443-077-1, pp. 101-119 (19 pages), 2004. http://www.ing.unitn.it/dica/eng/quaderni_pop/san3.php	nu	**1,58**
A1.1.1.2. Cărți/capitole ca autor - naționale	**Factor de impact sau echivalent**	**Indicatori (kpi)**
D. Cocârţă, Human Health Risks from Non-Renewable Energy, ISBN 978-606-515-778-4 ; Editura Politehnica Press, Universitatea Politehnica din Bucureşti, pp. 1-114, 2017.	nu	**22,80**
A1.2 Suport didactic		
A1.2.1 Manuale, suport de curs inclusiv electronic		
D.M. Cocârţă, Riscuri pentru Sănătate în Industria Energetică, Human Health Risks from Non-Renewable Energy, ISBN eBook 978-606-515-777-4 ; Editura Politehnica Press, Universitatea Politehnica din Bucureşti, pp. 1-115, 2017. http://curs.edulabframe.pub.ro/course/view.php?id=4 de adaugat carti integrale RO si ENG si SLO; link catre moodle: http://energ.curs.pub.ro/2017/course/view.php?id=628	nu	**11,50**

D.M. Cocârţă, Tehnici de masurare a calitatii aerului si solurilor - suport de curs electronic http://curs.envyjobs.pub.ro/login/index.php; link catre moodle: http://energ.curs.pub.ro/2017/course/view.php?id=629	nu	**14,70**
D.M. Cocârţă, C. Managementul Sistemelor de Mediu, Suport de curs electronic; link catre moodle: http://energ.curs.pub.ro/2017/course/view.php?id=455	nu	**7,00**
D.M Cocârţă, C. Ecologizarea Solurilor Poluate, Suport de curs electronic link catre moodle: http://energ.curs.pub.ro/2017/course/view.php?id=461	nu	**24,00**
A1.2.2. Indrumare de laborator/aplicații		
Diana Mariana Cocârţă, Constantin Stan, *Riscuri pentru Sănătate în Industria Energetică* (Soluții software destinate evaluării riscurilor pentru sănătatea populației), Îndrumar de laborator și aplicații practice, ISBN 978-606-515-854-2; Editura Politehnica Press, Universitatea Politehnica din Bucureşti, 2019, pp.1 - 101.	nu	**10,10**
Diana Mariana Cocârţă, Constantin Streche, *Tehnici de monitorizare a calităţii aerului şi solurilor*, Îndrumar de laborator și aplicații practice, ISBN 978-606-515-775-0; Editura Politehnica Press, Universitatea Politehnica din Bucureşti, 2017, pp.1 - 98.	nu	**9,80**
A1.3 Coordonare de programe de studii, organizare si coordonare programe de formare continua si proiecte educationale(POS, ERASMUS, sa)		
Coordonator program mobilitati ERASMUS cu Universitatea Kocaeli - Turcia (durata acordului 2014 - 2020; ISCED 85/0712 Environmental Protection Technology)	nu	**10,00**
Coordonator program mobilitati ERASMUS cu Universitatea din Malaga - Spania (durata acordului 2014/2015 - 2020/20121; ISCED 85/0712 Environmental Protection Technology)	nu	**10,00**
Coordonator program mobilitati ERASMUS cu Universitatea Aegean - Grecia (durata acordului 2014 - 2021; ISCED 0712 Environmental Protection Technology)	nu	**10,00**
Coordonator program mobilitati ERASMUS cu Universitatea Bolzano, Italia (durata acordului 2017 - 2021; ISCED 0712 Environmental Protection Technology si ISCED 0713 Power Engineering)	nu	**10,00**
Coordonator program mobilitati ERASMUS cu Universita' degli Studi della Tuscia, Viterbo, Italia (durata acordului 2016 - 2021; ISCED 0712 Environmental Protection Technology si 0511 Biology)	nu	**10,00**
Total A1		**269,17**
A2 - Activitatea de cercetare		
A2.1 Articole în reviste cotate și în volume proceedings indexate ISI Thomson-Reuters *)	**Factor de impact ISI la data de 24.06.2019**	**Indicatori (kpi)**
A2.1 Articole în reviste cotate indexate ISI Thomson-Reuters *)		
D.M. Cocârţă, Dumitru DM, Pesciaroli L, Felli M, Raduly B, Crognale S., "Cultivable Hydrocarbonoclastic Microbial Community from Historically Polluted Soil: Tests for Consortium Development", Soil and Sediment Contamination: An International Journal. ISSN: 1532-0383 (Print) 1549-7887 (Online), pp. 334-345, Taylor & Francis Online, https://doi.org/10.1080/15320383.2019.1578335	**0,992**	**7,47**
D.M. Cocârţă, Robescu LM, Negrea LA, "Virtual Education for Environmental Engineers", BRAIN – Broad Research in Artificial Intelligence and Neuroscience, Volume 10, Issue 1 (January - February, 2019), ISSN 2067-3957, pp. 64-72, **ISI WOS: WOS:000457502300006**	**0**	**8,33**
Alexandra Danu, **D.M. Cocârţă**, Vladimir Tanasiev, Badea Adrian Alexandru, "The influence of dust deposition on the energy performance of the photovoltaics", U.P.B. Sci. Bull., Series C, Volume: 80 Issue: 3 Pages: 183-196, ISI WOS:000440896700015 (14 pages)	**0**	**6,25**

Constantin Stan, Gerardo Collaguazo, Constantin Streche, Tiberiu Apostol, **D.M. Cocârţă**, "Pilot-Scale Anaerobic Co-Digestion of the OFMSW: Improving Biogas Production and Startup", Sustainability 2018, 10(6), 1939; EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland (https://doi.org/10.3390/su10061939); **ISI WOS:000436570100251;** (15 pages)	**2,592**	**15,37**
Streche Constantin, **D.M. Cocârţă**, Istrate Irina Aura, Badea Adrian Alexandru, "Decontamination of petroleum-contaminated soils by using the electrochemical technique: remediation degree and energy consumption", Scientific Reports - Nature, Scientific Reports volume 8, Article number: 3272 (2018), ISSN 2045-2322 (DOI:10.1038/s41598-018-21606-4); **ISI WOS:000425380900055** (14 pages)	**4,011**	**26,31**
Istrate Irina Aura, **D.M. Cocârţă**, Wu Zucheng, Stoian Mihaela Alexandra, "Minimizing Risks from Hydrocarbon Contaminated Soils by Using Electric Field Based Treatment for Soil Remediation", Sustainability, Sustainability 2018, 10(1), 253; EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland (DOI:10.3390/su10010253); **ISI WOS:000425082600246** (13 pages)	**2,592**	**19,21**
D.M. Cocârţă, Mihaela Alexandra Stoian and Aykan Karademir, "Crude Oil Contaminated Sites: Evaluation by Using Risk Assessment Approach", Sustainability 2017, 9(8), 1365; EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland, (DOI:10.3390/su9081365); **ISI WOS:000408861800080** (16 pages)	**2,592**	**25,61**
D.M. Cocârţă, Viorica Ruxandu Subtirelu, Adrian Badea, "Effect of sewage sludge application on wheat crop productivity and heavy metal accumulation in soil and wheat grain", Environmental Engineering and Management Journal, May 2017, Vol.16, No. 5, pages: 1093-1100; Print ISSN: 1582-9596, eISSN: 1843-3707, ISI WOS:000409069600008 (8 pages)	**1,186**	**16,24**
Corneliu Cojocaru, **D.M. Cocârţă**, Irina Aura Istrate and Igor Creţescu, "Graphical methodology of global pollution index for the environmental impact assessment using two environmental components", Sustainability 2017, 9(4), 593; EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland, (DOI:10.3390/su9040593); **ISI WOS:000402090300115** (12 pages)	**2,592**	**19,21**
Mihaela Amalia Diminescu, Anca Marina Marinov, Gabriela Elena Dumitran, **D.M. Cocârţă**, Liana Ioana Vuţă, "Experimental laboratory studies on capillary fringe behavior", Environmental Engineering and Management Journal, March 2017, Vol.16, No. 3, pages: 581-586; Print ISSN: 1582-9596 eISSN: 1843-3707, **ISI WOS:000403508600009** (6 pages)	**1,186**	**9,74**
D.M. Cocârţă, Viorica Ruxandu Subtirelu, Adrian Badea, "The effect of sewage sludge on energy willow (SALIX VIMINALIS "ENERGO") productivity", U.P.B. Sci. Bull., Series C, Vol. 79, Iss. 2, pages: 207-216, 2017 ISSN 2286-3540, **ISI WOS:000405770800019** (10 pages)	**0**	**8,33**
D.M. Cocârţă, Silvia Neamţu, Ana-Maria Reşetar Deac, "Carcinogenic risk evaluation for human health risk assessment from soils contaminated with heavy metals", International Journal of Environmental Science and Technology, Springer, Int. J. Environ. Sci. Technol. (2016) 13: pp. 2025-2036, ISSN: 1735-1472 (print version), ISSN: 1735-2630 (electronic version), (DOI 10.1007/s13762-016-1031-2) **ISI WOS:000379709700013** (12 pages)	**2,031**	**21,87**
D.M. Cocârţă, Gabriela E. DUMITRAN, Mihaela A. DIMINESCU, Liana VUŢĂ, "Removal efficiency and gas/particle partitioning of PCBs emissions from thermal treatment of PCBs contaminated soil", Journal of Environmental Protection and Ecology 17, No 3, pp. 970–977 (2016), ISSN 1311-5065, **ISI WOS:000385910400016** (8 pages)	**0,634**	**9,42**
D.M. Cocârţă, Irina Aura Istrate, Cora Bulmău, Vladimir Tanasiev, Cristina Dumitrescu, „Different methods for Polychlorinated Biphenyls Removal from Contaminated Soils" , Rev. Chim. (Bucharest) 65, No. 1, 2014, pp. 44 – 49, ISSN 0034-7752. **ISI WOS:000334150300008** (6 pages)	**1,605**	**11,42**
Cora Bulmău, Silvia Neamțu, D.M. Cocârţă, Irina Istrate, Adrian Badea, „Efficiency of PAHs removal from soils contaminated with petroleum products using ex-situ thermal treatments", Rev. Chim. (Bucharest), 64, pp. 1430 - 1435, no. 12, decembrie 2013 (6 pages), ISSN 0034-7752, ISI WOS:000330914400014 (6 pages)	**1,605**	**11,42**
Irina Istrate, D.M. Cocârţă, Cora Bulmău, Adrian Badea, „The influence of pH and ORP for efficiency of electrochemical treatment efficiency applied for organic polluted soils", Rev. Chim. (Bucharest), 64, pp. 1250 - 1254, no. 11, noiembrie 2013 (5 pages), ISSN 0034-7752, ISI WOS:000328441600008 (5 pages)	**1,605**	**14,28**
Irina Istrate, **D.M. Cocârţă**, Silvia Neamțu, Talida Cîrlioru, "The Treatment of PCB Polluted Soil-The Approach Based on the Application of Electrochemical Treatment", Water air and soil pollution, vol 224 (4), DOI: 10.1007/s11270-013-1516-2, ISSN: 0049-6979 (print version), ISSN: 1573-2932 (electronic version), aprilie 2013, (DOI: 10.1007/s11270-013-1516-2), **ISI WOS:000317619700032** (14 pages)	**1,774**	**15,12**

Anca Lăcătuşu, D.M. Cocârţă, Radu Lăcătuşu: "Ex-situ bioremediation efficiency in removing organic and inorganic compounds from artificially and anthropogenic contaminated soil", Carpathian Journal of Earth and Environmental Sciences, Volume 8, 2013, No. 1, Feb. 2013, p. 59-70, (13 pages), ISSN Printed: 1842-4090, ISSN Online: 1844 - 489X, ISI WOS:000315472400006 (12 pages)	**0,907**	**14,38**
D.M. Cocârţă, A. Badea, G. Antonacci, A. Cemin: "Two case studies of particulate matter emissions from power plants", Environmental Engineering and Management Journal, Vol. 10, No. 5, pp. 615 – 619, ISSN 1582-9596, mai 2011; Print ISSN: 1582-9596; eISSN: 1843-3707, **ISI WOS:000292409500004** (5 pages)	**1,186**	**12,18**
D.M. Cocârţă, Rada E. C., M. Ragazzi, A. Badea, T. Apostol, „A contribution for a correct vision of health impact from municipal solid waste treatments", Environmental Technology, Volume: 30 Issue: 9 Pages: 963-968 Article Number: PII 913697109 , ISSN 1479-487X (electronic), ISSN 0959-3330, pp. 963-968, 0959-3330 (DOI: 10.1080/09593330902989958) **ISI WOS:000268757800011** (7 pages)	**1,918**	**12,67**
A2.1 Articole în volume proceedings indexate ISI Thomson-Reuters *)		
Irina-Aura Istrate, Mirela Nicoleta Dincă, Mariana Ferdeş, **D.M. Cocârţă**, "The use of ozone in combination with electrochemical treatment for the remediation of organic polluted soils", Actual Tasks on Agricultural Engineering, Proceedings of the 45th International Symposium on Agricultural Engineering, January 2017, Opatija, Croatia, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45 Pages: 63-70, Published: 2017, Document Type: Proceedings Paper ISSN: 1848-4425, **ISI WOS:000432420200006** (8 pages)	**0**	**6,25**
D.M. Dumitru, Silvia Crognale, **D.M. Cocârţă**, Adrian Badea, "Pollution assessment of historically contaminated soils with petroleum products", The 8th International Conference on ENERGY and ENVIRONMENT (CIEM) 2017, IEEE Power & Energy Society, Book Series: International Conference on Energy and Environment, pages: 138-142, **ISI WOS:000427610300030** (5 pages)	**0**	**6,25**
Constantin Streche, Tudor Baracu, Tiberiu Apostol, **D.M. Cocârţă**, Stan Constantin, "Evaluation of the efficiency of combining the electrochemical remediation and soil flushing methods in the soil contamination with diesel", 017 8TH INTERNATIONAL CONFERENCE ON ENERGY AND ENVIRONMENT (CIEM) 2017, IEEE Power & Energy Society, Book Series: International Conference on Energy and Environment, pages: 143-147 **ISI WOS:000427610300031** (5 pages)	**0**	**5,00**
Mihaela Alexandra Stoian, **D.M. Cocârţă**, Adrian Badea, "Assessment of carcinogenic risk from soil pollution based on policyclyc aromatic hydrocarbons", 16th International Multidisciplinary Scientific GeoConference SGEM 2016, 2 - 5 November, 2016, SGEM Vienna GREEN 2016, Austria, Science and Technologies in Geology, Exploration and Mining - Conference Proceedings, Volume IV, pp. 49-56, ISBN 978-619-7105-80-3, ISSN 1314-2704, https://sgemworld.at/sgemlib/spip.php?article8734; (DOI 10.5593/sgem2016HB14), **ISI WOS:000395499900007** (8 pages)	**0**	**8,33**
D.M. Cocârţă, Delia-Micaela DUMITRU, Anca-Rovena LĂCĂTUŞU, Adrian BADEA, "Evaluation of bioremediation efficiency in crude-oil contaminated soils", 16th International Multidisciplinary Scientific GeoConference SGEM 2016, 2 - 5 November, 2016, SGEM Vienna GREEN 2016, Austria, Science and Technologies in Geology, Exploration and Mining - Conference Proceedings, Volume IV, pp. 103 - 110, ISBN 978-619-7105-80-3, ISSN 1314-2704, https://sgemworld.at/sgemlib/spip.php?article8748; (DOI 10.5593/sgem2016HB14), **ISI WOS:000395499900014** (8 pages)	**0**	**6,25**
Cora Bulmău, **D.M. Cocârţă**, Ana-Maria Reşetar: "Evaluation of Integrated Time-Temperature Effect in Pyrolysis Process of Historically Contaminated Soils with Cadmium (Cd) şi Lead (Pb)", Conference Proceedings, ICHMET 2012: 16th International Conference on Heavy Metals in the Environment, 23 – 27 sept. 2012, Roma, Italia, E3S Web of Conferences 1, 01005 (2013), PROCEEDINGS OF THE 16TH INTERNATIONAL CONFERENCE ON HEAVY METALS IN THE ENVIRONMENT Book Series: E3S Web of Conferences Volume: 1, Article Number: 01002 (DOI: 10.1051/e3sconf/20130101002) **ISI WOS:000326475400002** (4 pages)	**0**	**8,33**
D.M. Cocârţă, Ramona Dinu, Cristina Dumitrescu, Ana-Maria Reşetar, Vladimir Tanasiev: "Risk Based Approach for Thermal Treatment of Heavy Metals Contaminated Soil", Conference Proceedings, ICHMET 2012: 16th International Conference on Heavy Metals in the Environment, 23 – 27 sept. 2012, Roma, Italia, ROCEEDINGS OF THE 16TH INTERNATIONAL CONFERENCE ON HEAVY METALS IN THE ENVIRONMENT Book Series: E3S Web of Conferences Volume: 1 Article Number: 01005, E3S Web of Conferences 1, 01005 (2013), DOI: (10.1051/e3sconf/20130101005) **ISI WOS:000326475400005** (4 pages)	**0**	**5,00**

D.M. Cocârţă, I. A. Oprea, M. Ragazzi, G. Andreotolla, G. Ziglio, A. Badea, T. Apostol, „Different technologies for the treatment of PAH contaminated sediments and consequences on human health individual risk", Environmental Toxicology, 4 – 6 iunie 2008, Granada, Spain, ENVIRONMENTAL TOXICOLOGY II Book Series: WIT Transactions on Ecology and the Environment Volume: 110, Editors A. G. Kungoloş eta al., WITPRESS Southampton, Boston 2008, ISSN 1743-3541: vol. 110, pp. 53-60, **ISI WOS:000257704900006** (8 pages)	**0**	**3,57**
D.M. Cocârţă, A. Badea, T. Apostol: „Characterization of Energy Production and Health Impact in Românian context", Februarie 23-25, 2008 "3rd IASME/WSEAS Int. Conference on Energy & Environment, University of Cambridge, UK, Energy and Environment Engineering Series, A Series of Reference Books and Textbooks, PROCEEDINGS OF THE 3RD IASME/WSEAS INTERNATIONAL CONFERENCE ON ENERGY & ENVIRONMENT: ENERGY AND ENVIRONMENT III, ISBN: 978-960-6766-43-5, ISSN: 1790-5095, pp.198-203, **ISI WOS:000254169000029** (6 pages)	**0**	**8,33**
D.M. Cocârţă, A. Cemin, M. Ragazzi, A. Badea: „The role of apples role in the PCDD/F daily dietary-intake", 5 – 7 October 2005, Environmental Exposure and Health, Section 6: Chemical mixtures and exposure, Atlanta, USA 2005, nvironmental Exposure and Health Book Series: WIT TRANSACTIONS ON ECOLOGY AND THE ENVIRONMENT Volume: 85, pages: 249-255, ISBN: 1-84564-029-2, ISBN: 1746-449X (print), ISBN: 1743-3541 (on-line), pp. 249 – 255, **ISI WOS:000236906600027** (7 pages)	**0**	**6,25**
P. Baggio, A. Cemin, **D.M. Cocârţă**, Gasparella A., M. Ragazzi: „Local and global impact considerations on turbo gas combined cycle", 3rd International Conference on the Impact of Environmental Factors on Health, Date: 14-16 September 2005, Bologna, Italy, Book: Environmental Health Risk III, Editor Wessex Institute of Technology, WIT Press 2005, WIT eLibrary volume 9 of WIT Transactions on Biomedicine and Health (ISSN 1743-3525), pp. 151-158, 2005 (on-line) www.witpress.com, **ISI WOS:000235839200016** (8 pages)	**0**	**5,00**
		353,41
A2.2 Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI) **)	**BDI la data de 24.06.2019**	
A2.2 Articole în reviste ştiinţifice indexate în alte baze de date internaţionale (BDI) **)		
D.M. Cocârţă, Mihaela A. Stoian, Adrian Badea, „Human health risk assessment: a case study involving Polycyclic Aromatic Hydrocarbons soil contamination and human exposure", International Journal of Advances in Science, Engineering and Technology (IJASEAT), Volume-4, Issue-1, Jan.-2016, ISSN: 2321 –9009, pp. 147-152. FI: 3,15 (JIFACTOR). https://journals.indexcopernicus.com/search/details?id=46373 (6 pages)	Index Copernicus	**6,67**
D.M. Cocârţă, Viorica R. Subţirelu, Adrian Badea, „The effect of sewage sludge on yield and quality of potatoes, International Journal of Advances in Science, Engineering and Technology (IJASEAT), International Journal of Advances in Science, Engineering and Technology (IJASEAT), Volume-4, Issue-1, Jan.-2016, ISSN: 2321 –9009, pp. 143-146. FI: 3,15 (JIFACTOR). https://journals.indexcopernicus.com/search/details?id=46373 (4 pages)	Index Copernicus	**6,67**
Cora Bulmău, **D.M. Cocârţă**, "Behaviour of PCBs in remediation by oxygen free thermal treatments of an artificially contaminated soil", UPB Scientific Bulletin, Series C, Vol. 76, Iss. 3, 2014, pp. 207 – 214, ISSN 2286 – 3540, octombrie 2014. (8 pages)	Inspec, SCOPUS	**10,00**
Constantin Streche, Adrian Badea, Irina Aura Istrate, **D.M. Cocârţă**, Tiberiu Apostol, „Experimental research regarding the application of electro-flushing method on diesel contaminated soils", Present Environment and Sustainable Development, Editura Universităţii „Alexandru Ioan Cuza", Volume 8, no. 1 / 2014, pp. 37-44, Iaşi, ISSN: 1843 – 5971, 2014, De Gruiter Open, DOI 10.2478/pesd-2014-0003. (8 pages)	EBSCO; Index Copernicus	**4,00**
Irina A. Istrate, **D.M. Cocârţă,** Silvia Neamţu, Talida Cîrlioru, Cristina Dumitrescu, "Assessment of electrochemical treatment effciency for artificially contaminated soil with PAHs and PCBs", Present Environment and Sustainable Development, Editura Universităţii „Alexandru Ioan Cuza", Volume 7, no. 2 / 2013, pp. 157 – 168, Iaşi, ISSN: 1843 – 5971, 2013 http://pesd.ro/ (12 pages)	EBSCO; Index Copernicus	**4,00**
Cora Bulmău, Adrian Badea, **D.M. Cocârţă**, Gigel Paraschiv, „Evaluation the non-oxidative thermal technology for removal of petroleum products from contaminated soils", Present Environment and Sustainable Development, Editura Universităţii „Alexandru Ioan Cuza", Volume 7, no. 1 / 2013, pp. 165-175, Iaşi, ISSN: 1843 – 5971, 2013 http://pesd.ro/ (8 pages)	EBSCO; Index Copernicus	**5,00**

Irina Istrate, **D.M. Cocârţă**, Adrian Badea, Talida Cîrlioru: "Influence of pH and redox potential on electrochemical treatment efficiency in case of soil pollution with petroleum products", Editura Politehnium, Buletinul Institutului Politehnic din Iaşi, Tomul LVIII (LXII), Fasc.3, Secţia Chimie şi Inginerie Chimică, 2012, pp.19-27, ISSN:0254-7104 (9 pages)	IndexCopernicus	**5,00**
Cora Bulmău, **D.M. Cocârţă**, Silvia Neamţu, Cristina Dumitrescu, Adrian Badea: "Environmental Assessment of Pyrolysis as Ex-Situ Thermal Treatment Applied to PAHs Contaminated Soils", Editura Politehnium, Buletinul Institutului Politehnic din Iaşi, Tomul LVIII (LXII), Fasc.3, Secţia Chimie şi Inginerie Chimică, 2012, pp.111-121, ISSN:0254-7104, http://www.tuiasi.ro/rectorat/prorectorate/cercetare-dezvoltare-inovare/buletinul-institutului-politehnic-iai, (11 pages)	Index Copernicus, Ulrich's, ProQuest, EBSCO	**4,00**
Silvia Neamţu, Ana-Maria Reşetar, Cristina Dumitrescu, **D.M. Cocârţă**, "Impact assessment of PAHs and heavy metals from industrial pollution sources in a Central Romania area", Editura Politehnium, Buletinul Institutului Politehnic din Iaşi, Tomul LVIII (LXII), Fasc.3, Secţia Chimie şi Inginerie Chimică, 2012, pp.65-68, ISSN:0254-7104 http://www.tuiasi.ro/rectorat/prorectorate/cercetare-dezvoltare-inovare/buletinul-institutului-politehnic-iai. (14 pages)	IndexCopernicus	**5,00**
Cristina Dumitrescu, **D.M. Cocârţă**, Adrian Badea: "An integrated modeling approach for risk assessment of heavy metals in soils", UPB Sci. Bull., Series D, Vol. 74, Iss. 3, 2012 ISSN 1454-2358, pg. 217-228, September 2012 (12 pages)	Inspec. Scopus. Ulrich. Elsevier. Compendex	**6,67**
Cristina Dumitrescu, **D.M. Cocârţă**, Ana-Maria Resetar-Deac, Adrian Badea, Monica Biolan: "Human health Risk Assessment of contaminated sites with carcinogenic pollutants", Present Environment and Sustainable Development, Editura Universităţii Al.I. Cuza Iaşi, volum 6, nr. 2/2012, pag. 415-428, http://pesd.ro/ (14 pages)	EBSCO; Index Copernicus	**4,00**
Irina Istrate, Adrian Badea, **D.M. Cocârţă**, Cora Bulmău: "Electrochemical treatment of PAH contaminated sediments and human health risk assessment", Present Environment and Sustainable Development, Ed. Univ. „Alexandru I. Cuza", Volume 5, no. 1/2011, pp. 101-112, Iaşi, ISSN: 1843 – 5971, 2011 (12 pages)	EBSCO; Index Copernicus	**5,00**
Cora Bulmău (Gheorghe), Adrian Badea, **D.M. Cocârţă**, Irina Aura Istrate: "Applications of the thermochemical treatments in the sustainable development context", Present Environment and Sustainable Development, Ed. Univ. „Al. I. Cuza", Volume 5, no. 1/2011, pp. 121-129, Iaşi, ISSN: 1843 – 5971, 2011 http://pesd.ro/ (10 pages)	EBSCO; Index Copernicus	**5,00**
D.M. Cocârţă, A. Badea, M. Ragazzi, T. Apostol: „Methodology for the Human Health Risk Assessment from the Thermoelectric Plants", UPB Scientific Bulletin, Series C: Inginerie Electrica, Vol. 70, No. 1, Editura POLITEHNICA Press, ISSN 1454-234x, 2008, pp. 41-50. (10 pages)	Inspec. Scopus. Ulrich. Elsevier	**5,00**
D.M. Cocârţă, M. Ragazzi, A. Badea, T. Apostol: „The HRAIRC software for assessing the human health risk from waste-to-energy plants", UPB Scientific Bulletin, Series C: Inginerie Electrica, Vol. 69, No. 4, Editura POLITEHNICA Press, ISSN 1454-234x, 2008, pp. 517-524 (8 pages)	Inspec. Scopus. Ulrich. Elsevier	**5,00**
A2.2 Articole în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI) **)		
M.A. Stoian, D.M. Cocârţă, A. Badea, D.M. Dumitru, "Carcinogenic risk assessment of heavy metals contamination due to accidental oil spills on soil", 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Albena, Bulgaria, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-00-3 / ISSN 1314-2704, 27 June - 6 July, 2017, Vol. 17, Issue 14, 571-578 pp (DOI: 10.5593/sgem2017/14/S06.072) (7 pages)	SCOPUS	**5,00**
D.M. Cocârţă, C. Streche, D.M. Dumitru, M.A. Stoian, "Ex-situ remediation of petroleum-contaminated soil by pyrolysis process", 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017, Albena, Bulgaria, Conference Proceedings, ISBN 978-619-7408-00-3 / ISSN 1314-2704, 27 June - 6 July, 2017, Vol. 17, Issue 14, 643-650 pp, DOI: 10.5593/sgem2017/14/S06.081. (8 pages)	SCOPUS	**5,00**
Irina A. Istrate, D.M. Dumitru, D.M. Cocârţă, „Electrochemical remediation of soils in case of a complex pollutant mixture", Environmental Engineering, renewable engineering sources, sustainable agricultural engineering, Proceedings of ISB-INMA TEH' 2017 International Symposium, University POLITEHNICA of Bucharest, Romania, ISB-INMA TEH' 2017.pag. 597 - 604 (8 pages)	Wiley, CABI, COPERNICUS EBSCO	**6,67**
Irina A. Istrate, D.M. Cocârţă, „The assessment of environmental impact due to the traffic in Bucharest", 8 – 10 iulie 2017, International Conference on Thermal Equipment, Renewable Energy and Rural Development, Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development, Moieciu de Sus,	INDEX COPERNICUS	**10,00**

Romania.https://journals.indexcopernicus.com/search/details?id=32203 pag. 231 - 236 (6 pages)		
Irina A. ISTRATE, D.M. Cocârţă, Gheorghe VOICU, "Implementation of RECOLAND project for the remediation of contaminated sites", Proceedings of 44th International Symposium "Actual Tasks on Agricultural Engineering", ISSN 1848-4425, 23rd – 26th February 2016, Opatija, Croatia, 23rd – 26th February 2016. UDC 631.453, https://www.cabdirect.org/cabdirect/abstract/20163246135 pag. 65 - 73 (9 pages)	Cabi	**6,67**
Diana M. COCÂRŢĂ, Mihaela STOIAN, Adrian BADEA, "Assessment of human health risk from crude oil contaminated soils: pollution with PAHs, 10th International Conference on Energy & Environment (EE'15) - WSEAS – Budapest, Hungary, Energy, Environmental and Structural Engineering Series 44, ISSN: 2227-4359, ISBN: 978-1-61804-356-6, December 12 – 14, 2015. http://www.wseas.org/wseas/cms.action?id=6 pp. 44 -53 (10 pages)	Cabi, ACM, INSPEC	**6,67**
Silvia Neamţu, D.M. Cocârţă, Ana-Maria Resetar, Adrian Badea: "Environmental assessment of PCB's occurance in soil due to industrial pollution – a case study in correlation with the legal limits in force in Romania and European provisions", Proceedings-ul Conferintei Naţionale de Ştiinţa Solului – ediţia XX, SNRSS 20, Craiova, România, 26 august – 1 septembrie 2012, Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru Vol. XLII-2012/1, p. 405 – 414, ISSN 1841-8317, http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5584 (10 pages)	Index Copernicus	**5,00**
Cora Bulmău, D.M. Cocârţă, Silvia Neamţu: "Removal of benzo(a)pyrenne from oil contaminated soil by oxygen free thermal treatments", Proceeding-ul Conferinţei Naţionale de Ştiinţa Solului - ediţia XX, SNRSS 20, Craiova, România, 26 august – 1 septembrie 2012, Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru Vol. XLII-2012/1, p. 95 – 101, ISSN 1841-8317; http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5584 (7 pages)	Index Copernicus	**6,67**
		132,67
A2.4 Granturi/proiecte căştigate prin competiţie		
A2.4.1.1 Granturi sau proiecte câștigate prin competiție în calitate de director sau responsabil contract - internaționale	**Factor de impact ISI sau echivalent**	**140,00**
director de proiect: Seventh Framework Programme FP7, Capacities programme, Joint Rsearch Projects, contract no. 606/01.01.2013, „Contaminated sites assessment for the reduction of environmental pollution by risk-based approach" / RISKASSESS (2013 - 2014), coordonator (unic beneficiar) Universitatea POLITEHNICA din Bucuresti, budget proiect 56.004,00 lei ≈ 12.800,00 €, (proiect finalizat printr-un raport de cercetare tehnic si stiintific) Website: http://old.uefiscdi.ro/userfiles/file/CAPACITATI/Bilaterale/RO-TR/RO-TR%20project%20proposals_%20accepted%20by%20RO.pdf	nu este cazul	**40,00**
director de proiect: POS CCE „Multicriteria decision support system for the remediation of historical contaminated industrial areas with persistent and toxic pollutants" / RECOLAND, POS-CCE - O2.1.2., contract nr. 182/18.06.2010 (2010 - 2013), coordonator (unic beneficiar) Universitatea POLITEHNICA din Bucuresti, budget proiect 5.936.398,16 lei ≈ 1.500.000,00 €, (proiect finalizat prin rapoarte de cercetare tehnice si stiintifice) Website: http://recoland.ro/home/	nu este cazul	**60,00**
director de proiect: POS CCE „Sistem informatic de management al riscului individual asupra sănătăţii populaţiei bazat pe evaluarea şi controlul poluărilor industriale datorate emisiilor de micro-poluanţi de la instalaţiile de ardere din industria energetică şi cea de prelucrare", coordonator proiect Startup ECORISK, POS-CCE - O2.3.1., contract nr. 393/01.08.2012, valoare contract 850.897,00 lei ≈ 190.000,00 €, (proiect finalizat prin rapoarte de cercetare tehnice si stiintifice) Website: http://www.ecorisk.ro/Proiect-ECORISK-s4-ro.htm	nu este cazul	**40,00**
A2.4.1.2 Granturi sau proiecte câștigate prin competiție în calitate de director sau responsabil contract - naționale	**Factor de impact ISI sau echivalent**	**60,00**
director de proiect: GNaC 2018 ARUT, coordonator (unic beneficiar) Universitatea POLITEHNICA din Bucurestit, "Degradation of organic compounds from soil through coupling of electrochemical and biological remediation methods"/ ELBIOCOM; ID 71; Degradarea compusilor organici din sol prin cuplarea metodelor de remediere electrochimice si biologice/ELBIOCOM, cod 71; octombrie 2018 – septembrie 2019; 10.000,00 €	nu este cazul	**20,00**

director de proiect: UEFISCDI „Fundamentarea deciziei de REMediere a siturilor poluate cu produse PETroliere utilizând modelul sursă-cale-receptor şi analiza cost-beneficiu/REMPET, PNII-RU-TE2014-4 – 2348, contract nr. 354/01.10.2015 (2015 - 2017), coordonator de proiect (unic beneficiar) Universitatea POLITEHNICA din Bucuresti, budget proiect 549.700,00 lei ≈ 120.000,00 €, (proiect finalizat prin rapoarte de cercetare tehnice si stiintifice) Website: http://recoland.ro/rempet/	nu este cazul	**20,00**
director de proiect: CNCSIS „Impactul instalaţiilor de producere a energiei asupra sănătăţii populaţiei”, cod proiect RP – 1 CNCSIS, contract nr. 5/01.10.2007 (2007 - 2009), coordonator de proiect (unic beneficiar) Universitatea POLITEHNICA din Bucuresti, budget proiect 549.700,00 lei ≈ 120.000,00 €, (proiect finalizat prin rapoarte de cercetare tehnice si stiintifice) Website: http://cceei.energ.pub.ro/ienas/index.html	nu este cazul	**20,00**
A2.4.2.1 Granturi sau proiecte câștigate prin competiție în calitate de membru în echipă - internaționale	**Factor de impact ISI sau echivalent**	**68,00**
cercetător/management stiintific:"Procese si sisteme operationale pentru tratarea si valorificarea materiala si energetica a deseurilor"/PROVED, Proiect POC-A1-A1.2.3-G-2015, 2016 - 2021, coordonator de proiect Universitatea POLITEHNICA din Bucuresti, buget proiect ≈ 10.666.000,00 lei; Website: http://www.proved.ro/	nu este cazul	**20,00**
cercetător:"Reducerea impactului de mediu prin optimizarea lantului de conversie la instalatiile de valorificare energetica a biogazului din depozitele de deseuri"/REMOVED, POSCCE-A2-O2.1.1 -2010-2, 2013 - 2015, Universitatea POLITEHNICA din Bucuresti partener, buget proiect ≈ 7.102.973,60 lei; Website: http://ecobihor.ro/proiect_removed.htm	nu este cazul	**12,00**
cercetător/formator: „Environmental learning innovation for more knowledge and better jobs - EnvYJobs”, Program Erasmus+, Call: 2014, KA2 – Cooperation and Innovation for Good Practices, field Strategic Partnerships for higher education, project no 2015-1-RO01-KA203-015089, coordonator de proiect Universitatea POLITEHNICA din Bucuresti, buget proiect 254.445,00 €, Website: http://envyjobs.pub.ro/	nu este cazul	**12,00**
cercetător/formator: „Educational Laboratories Platform for Complex Engineering Processes with Remote Access”, Program Erasmus+, Call: 2015, KA2 – Cooperation and Innovation for Good Practices, field Strategic Partnerships for higher education, project no 2014-1-RO01-KA203-002986, coordonator de proiect Universitatea POLITEHNICA din Bucuresti, buget proiect 282.260,00 €, Website: http://www.anpcdefp.ro/userfiles/Rezultate_PS_30_04_2014_DU.pdf ; http://edulabframe.pub.ro/	nu este cazul	**12,00**
cercetător/formator: „Educational and Training System for Clean Coal Technology” / CleanCOALtech, Life Long Learning / Leonardo da Vinci Programme, project no LLP-LdV/TOI/2012/RO/007, coordonator de proiect Universitatea POLITEHNICA din Bucuresti, buget proiect 440.000,00 €, Website: http://pue.pub.ro/cleancoal/Home.aspx	nu este cazul	**12,00**
A2.4.2.2 Granturi sau proiecte câștigate prin competiție în calitate de membru în echipă - naționale	**Factor de impact ISI sau echivalent**	**6,00**
UEFISCCDI „Cercetari privind determinarea proceselor si parametrilor optimi pentru imbunatatirea gradului de remediere a solurilor contaminate cu hidrocarburi TERESOL", Ctr. Nr. 32-102/2008, 2008-2011, coordonator de proiect Universitatea POLITEHNICA din Bucuresti, Website: http://cceei.energ.pub.ro/TERESOL/index.html	nu este cazul	**6,00**
A2.5.2 Contracte de cercetare/consultanţă - membru în echipă	**Factor de impact ISI sau echivalent**	**10,00**
"Analisi critica di studi epidemiologici riguardanti gli impatti sulla salute da impianti di termovalorizzazione dei rifiuti”, Universitatea de Studii din Trento, Facultatea de Inginerie, Departamentul de Inginerie a Mediului, Italia, (2007), responsabil contract conf. dr. ing. Marco Ragazzi	nu este cazul	**2,00**
"Studio comparative propedeutico alla valutazione di impatto ambientale per un impianto di smaltimento di fanghi in provincial di Bolzano”, Universitatea de Studii din Trento, Facultatea de Inginerie, Departamentul de Inginerie a Mediului, Italia, (2006), (proiect finalizat printr-un raport de cercetare tehnic si stiintific), responsabil contract conf. dr. ing. Marco Ragazzi	nu este cazul	**2,00**

„Monitoring and Minimisation of Traffic-Induced Noise and Air Pollution Along Major Alpine Transport Routes", ALPNAP, Interreg III B – Alpine Space, (valoare contract 8.356.000,00 lei ≈ 1.989.478,00 €), Universitatea de Studii din Trento, Facultatea de Inginerie, Departamentul de Inginerie a Mediului, Italia, responsabil partener italian Dino Zardi, director de proiect dr. Dietrich Heimann, Intitutul pentru Fizica Atmosferei, Oberpfaffenhofen, Germania (2005 – 2007), Website: http://www.alpnap.org.	nu este cazul	**6,00**
Total A2		**770,08**
A3 - Recunoașterea și impactul activității		
A3.1. Citări în cărți, reviste și volume ale unor manifestări științifice - cărți, ISI	**nr autori**	**Punctaj**
Heimann, D., Clemente, M., Elampe, E., Only, X., Miège, B., Defrance, J., Baulac, M., D.M. Cocarta, (...), Van, T. *Air Pollution, Traffic Noise and Related Health Effects in the Alpine Space*. Publisher: Università degli Studi di Trento, Editor: Dietrich Heimann, Trento, December 2007, Book. University of Trento, DICA, ISBN 978-88-8443-208-7.		
Balanzino, A. & Trini Castelli, S. Environ Fluid Mech (2018). *Numerical experiments with RAMS model in highly complex terrain*. 18: 357. https://doi.org/10.1007/s10652-017-9553-9	**33**	**0,15**
Van Kempen E, Casas, M., Pershagen, G., Foraster, M. (2018). *WHO Environmental Noise Guidelines for the European Region: A Systematic Review on Environmental Noise and Cardiovascular and Metabolic Effects: A Summary*. Int. J. Environ. Res. Public Health 2018, 15(2), 379; https://doi.org/10.3390/ijerph15020379. ISI WOS: WOS:000426721400204	**33**	**0,15**
Lercher, P., De Coensel, B., Dekonink, L., & Botteldooren, D. (2017). *Community response to multiple sound sources: integrating acoustic and contextual approaches in the analysis*. International journal of environmental research and public health, 14(6), 663. DOI: 10.3390/ijerph1406066; WOS:000404107600111	**33**	**0,15**
Kempen, E. V., Casas, M., Pershagen, G., & Foraster, M. (2018). *WHO Environmental Noise Guidelines for the European Region: A Systematic Review on Environmental Noise and Cardiovascular and Metabolic Effects: A Summary*. International journal of environmental research and public health, 15(2), 379. DOI: 10.3390/ijerph15020379; WOS:000426721400204	**33**	**0,15**
Heimann, D., Schäfer, K., Emeis, S., Suppan, P., Obleitner, F., & Uhrner, U. (2010). *Combined evaluations of meteorological parameters, traffic noise and air pollution in an Alpine valley*. Meteorologische Zeitschrift, 19(1), 47-61. DOI: 10.1127/0941-2948/2010/0426; WOS:000275596500005	**33**	**0,15**
Carella, B., & Mudu, P. (2009). *Exposure to Air Pollution: an intake fraction application in Turin province*. Archives of environmental & occupational health, 64(3), 156-163.DOI: 10.1080/19338240903240459; WOS:000271771600004	**33**	**0,15**
Schäfer, K., Vergeiner, J., Emeis, S., Wittig, J., Hoffmann, M., Obleitner, F., & Suppan, P. (2008). *Atmospheric influences and local variability of air pollution close to a motorway in an Alpine valley during winter*. Meteorologische Zeitschrift, 17(3), 297-309. WOS:000261225200008	**33**	**0,15**
Largeron, Y., & Staquet, C. (2016). *Persistent inversion dynamics and wintertime PM10 air pollution in Alpine valleys*. Atmospheric Environment, 135, 92-108. DOI: 10.1016/j.atmosenv.2016.03.045; WOS:000376050900010	**33,00**	**0,15**
Szintai, B., Kaufmann, P., & Rotach, M. W. (2010). *Simulation of pollutant transport in complex terrain with a numerical weather prediction–particle dispersion model combination*. Boundary-layer meteorology, 137(3), 373-396. DOI: 10.1007/s10546-010-9541-9; WOS:000284331700003	**33,00**	**0,15**
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Istrate, I. A., Cocârţă, D. M., Badea, A. A., & Cîrlioru, T. M. (2012). *Influence of pH and redox potential on electrochemical treatment efficiency in case of soil pollution with petroleum products*. Editura Politehnium, Buletinul Institutului Politehnic din Iaşi, Tomul LVIII (LXII), Fasc, 3, 19-27.		
Streche, C., Istrate, I. A., & Badea, A., *The treatment of diesel contaminated soil by DCTs methods*, UPB Scientific Bulletin, Series C, Vol. 75, Iss. 4, 2013, pp. 299 – 311, ISSN 2286 – 3540, octombrie 2014 [Scopus]	**4**	**0,75**
Istrate, I., Cocârţă, D.M., Neamțu, S., & Cirlioru, T. (2013). *The assessment of an alternative treatment for PCB polluted soils in the Romanian context-bench scale tests*. Water air and soil pollution, 224(4), 1516.		
Streche, C., Istrate, I. A., & Badea, A., *The treatment of diesel contaminated soil by DCTs methods*, UPB Scientific Bulletin, Series C, Vol. 75, Iss. 4, 2013, pp. 299 – 311, ISSN 2286 – 3540, octombrie 2014 [Scopus]	**4**	**0,75**
Otilia, R. C., Gigel, P., Gheorghe, V., & Stoica, D. (2013). Analysis of pressure in Bucharest between 2009-2012. Hidraulica, (3), 57. [EBSCO; Copernicus; Urlichs]	**4**	**0,75**
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Romeh, A. A. A. *Risk assessment of heavy metals pollution at Zagazig University*, Zagazig, Egypt. International Journal of Environmental Science and Technology, 1-18. [Springher]	**3**	**1,00**
Ishtiaq, M., Jehan, N., Khan, S. A., Muhammad, S., Saddique, U., & Iftikhar, B. (2018). *Potential harmful elements in coal dust and human health risk assessment near the mining areas in Cherat, Pakistan*. Environmental Science and Pollution Research, 1-8. [Springher. EBSCO. Scopus]	**3**	**1,00**
Cocârţă, D. M., Stoian, M. A., & Karademir, A. (2017). Crude Oil Contaminated Sites: Evaluation by Using Risk Assessment Approach. Sustainability, 9(8), 1365.WOS:000408861800080		
Dorcas, O. Y., Omoregie, I. P., Oladipupo, A. A., & Samson, T. O. Plasmid Profiling of Crude Petroleum Degrading Bacterial Strains Isolated from Polluted Soils in Ota, Nigeria, Annual Research & Review in Biology, 25(5): 1-11, 2018; Article no.ARRB.38152, ISSN: 2347-565X, NLM ID: 101632869 [ProQuest, Index Copernicus] http://www.sciencedomain.org/journal/32	**3**	**1,00**
A3.4.1. Membru în colective de redacție sau comitete științifice al revistelor, organizator de manifestări științifice, internaționale indexate - ISI	**Factor de impact ISI sau echivalent**	**Punctaj**
Recenzor 8th International Symposium on Cement Based Materials for a Sustainable Agriculture, Environmental Approaches – Moving Forward Agricultural Farm Sustainability (CIGR International Symposium & B.EN.A Conference), Iaşi, România, 22 – 25 Octombrie 2015.	0	**10,00**
Recenzor Buletin Științific Universitatea Politehnica din București	0	**10,00**
Recenzor Chemosphere	4,208	**10,00**
Recenzor International Journal of Environmental Science and Technology	1,915	**10,00**
Recenzor International Journal of Environmental Research and Public Health	2,145	**10,00**

A3.4.2. Membru în colective de redacție sau comitete științifice ale revistelor, organizator de manifestări științifice, internaționale indexate - BDI	Factor de impact ISI sau echivalent	Punctaj
A3.4.3. Membru în colective de redacție sau comitete științifice al revistelor, organizator de manifestări științifice - naționale și internaționale neindexate	**Factor de impact ISI sau echivalent**	**Punctaj**
Recenzor Sky Journal of Soil Science and Environmental Management.	nu este cazul	**3,00**
Organizator pentru workshop-ul Remedierea solurilor contaminate şi evaluarea riscului pentru sănătatea umană, 7 iunie 2013, Sinaia, Braşov, Universitatea POLITEHNICA din Bucureşti, Facultatea de Energetică, Bucureşti.	nu este cazul	**3,00**
Co-organizator pentru workshop-ul exploratoriu nr. 32: Mediu şi Sănătate în context Naţional şi Internaţional, 26 – 27 Septembrie 2012, Universitatea POLITEHNICA din Bucureşti, Facultatea de Energetică, Bucureşti. http://www.diaspora-stiintifica.ro/index.php?page=programe-workshop&id=32	nu este cazul	**3,00**
A3.5.2 Referent în comisii de doctorat	**Factor de impact ISI sau echivalent**	**Punctaj**
Doctorand Viorica Ruxandu Subțirelu, titlul tezei: *Metode pentru tratarea nămolurilor de epurare și evaluarea valorificării acestora în agricultură*, îndrumător de doctorat prof. Adrian Badea, Universitatea POLITEHNICA din București, 07.03.2019.	nu este cazul	**5,00**
Doctorand Mihaela Alexandra Stoian, titlul tezei: *Evaluarea riscului pentru sănătatea populației asociat solurilor poluate cu produse petroliere*, îndrumător de doctorat prof. Adrian Badea, Universitatea POLITEHNICA din București, 01.11.2019.	nu este cazul	**5,00**
A3.6.2. Premii - ASAS, AOSR, academii de ramură şi CNCS	**Factor de impact ISI sau echivalent**	**Punctaj**
Recunoaştere UEFISCDI în cadrul competiţiei Premierea rezultatelor cercetării româneşti 2018 **PN-III-P1-1.1PRECISI-201823519** pentru articolul “Minimizing the Health Risks from Hydrocarbon Contaminated Soils by Using Electric Field-Based Treatment for Soil Remediation”, D.M. Cocârță et al., Sustainability 2017, 9(8), 1365; EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland, (DOI:10.3390/su9081365); ISI WOS:000408861800080; IF 1.789 (16 pages)	nu este cazul	**5,00**
Recunoaştere UEFISCDI în cadrul competiţiei Premierea rezultatelor cercetării româneşti 2017 **PN-III-P1-1.1-PRECISI-2017-18686** pentru articolul "Crude Oil Contaminated Sites: Evaluation by Using Risk Assessment Approach", Diana Mariana Cocârţă, Mihaela Alexandra Stoian and Aykan Karademir, Sustainability 2017, 9(8), 1365; EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland, (DOI:10.3390/su9081365); **ISI WOS:000408861800080**	nu este cazul	**5,00**
Recunoaştere UEFISCDI în cadrul competiţiei Premierea rezultatelor cercetării româneşti 2017 **PN-III-P1-1.1-PRECISI-2017-18688** pentru articolul"Graphical methodology of global pollution index for the environmental impact assessment using two environmental components", Corneliu Cojocaru, Diana Mariana Cocârţă, Irina Aura Istrate and Igor Creţescu, Sustainability 2017, 9(4), 593; EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland, (DOI:10.3390/su9040593); **ISI WOS:000402090300115**	nu este cazul	**5,00**
Recunoaştere UEFISCDI în cadrul competiţiei Premierea rezultatelor cercetării româneşti 2013 **PN-II-RU-PRECISI-2013-7-3295** pentru articolul “The assessment of an alternative treatment for PCB polluted soils in the Romanian context - bench scale tests”, Irina Istrate, Diana Cocârţă, Silvia Neamțu, Talida Cîrlioru, Water air and soil pollution, vol 224 (4), DOI: 10.1007/s11270-013-1516-2, ISSN: 0049-6979 (print version), ISSN: 1573-2932 (electronic version), aprilie 2013, (14 pages), (DOI: 10.1007/s11270-013-1516-2), **ISI WOS:000317619700032**	nu este cazul	**5,00**
A3.7. Membru in asociatii profesionale		

Membru al Societății Naționale de Știința și Ingineria Mediului (SNSIM) Web: http://snsim.ro/despre-noi/	nu este cazul	**2,00**
Membru al COMITETULUI TEHNIC ASRO/CT 360 Caracterizarea deşeurilor şi a nămolurilor	nu este cazul	**2,00**
Total A3		**168,26**

Condiții minimale	**Minim Profesor**	**Obținut**
A1 Activitatea didactică / profesională	**120**	**269,17**
A2 Activitatea de cercetare	**360**	**770,08**
A3 Recunoașterea impactului activității	**120**	**168,26**
Total	**600**	**1207,50**

Condiții minimale obligatorii pe subcategorii	**Minim Profesor**	**Obținut**
A1.1.1 Cărți și capitole în cărți de specialitate (d.c 1 prim autor) - din total realizat pt 2 carti/capitole prim autor	**4**	**9,00**
A1.2.1. Suport didactic Manuale suport de curs inclusiv electronic (d.c. 1 prim autor) - pt toate 4 prim autor	**2**	**4,00**
A1.2.2 Material didactic/lucrari didactice - Indrumar (d.c. 1 prim autor) - pt ambele prim autor	**2**	**2,00**
A2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI (4 in reviste) - realizat: 20 art in reviste	**10**	**31,00**
A2.2 Articole în reviste cotate și în volumele unor manifestări științifice indexate BDI	**20**	**23,00**
A2.4.1.1 - A2.4.1.2. Granturi/proiecte câștigate prin competiție ca director sau responsabil	**2**	**6,00**
A3.1.1 Citări în reviste WOS și volumele conferințelor WOS **(total 185 citari)**	**8**	**62,00**
A3.2.1 Citări în reviste și volumele conferințelor BDI	**16**	**24,00**