

Fisa de verificare standarde minimale (cumulative) la nivel national

STANDARDE MINIMALE NECESARE SI OBLIGATORII PENTRU CONFERIREA TITLULUI DIDACTIC DE PROFESOR SI ABILITARE, conform Ordin MEN nr.6129/20.12.2016

Candidat: Conferentiar universitar dr.ing. Brindusa Mihaela SLUSER

| | Criteriu standard | min. impus | REALIZAT |
|----|--|-------------------|-----------------|
| a) | Numar total de articole in reviste ISI (NT) | NT \geq 25 | 36 |
| b) | Numar articole in reviste ISI la care candidatul este autor principal (NP) | NP \geq 10 | 13 |
| c) | Factorul de impact cumulat (FIC) | FIC \geq 20 | 27.22 |
| d) | Numarul total de citari din baza de date Scopus sau ISI Web of Science, fara autocitari (NC) | NC \geq 100 | 427 |

Candidat,
Conf.univ.dr.ing. Brindusa Mihaela Sluser

11.05.2020



**LISTA LUCRARI PUBLICATE IN REVISTE CU FACTOR DE IMPACT (ISI),
RESPECTIV ARTICOLE PUBLICATE IN BAZE DE DATE INDEXATE SCOPUS (BDI)**

**Candidat: Conferentiar universitar dr.ing.
Brindusa Mihaela SLUSER**

| Nr | Document/titlu | Autori | Anul | Revista | Citari | IF 2018 | Puncte | Autor principal |
|----|--|--|------|--|--------|------------|--------|--------------------|
| 0 | Brevet OSIM no. | Antohe Constantin, Sluser Brindusa, Antonescu Ion, Cretescu Igor | 2019 | Brevet OSIM, publicat MO nr. | 0 | 1 | 1 | |
| 1 | Statistical approach of environmental quality management and political decision-making at local level: case study Iași city, Romania | Greuc SP., Mihailescu B.C, Sluser BM | 2020 | Environmental Engineering and Management Journal, 19(3), 517-530 | 0 | 1.186 | 1.186 | 1 |
| 2 | Synthesis and characterisation of a binder cement replacement based on alkali activation of fly ash waste | Cretescu, I., Harja, M., Teodosiu, C., (...), Sluser, B.M., Salleh, M.A.M. | 2018 | Process Safety and Environmental Protection, 119, pp. 23-35 | 1 | 4.384 | 0.731 | |
| 3 | Postclosure influence of emissions resulted from municipal waste dump sites: A case study of the north-east region of Romania | Slușer, B.M.,Șchiopu, A.M.,Bălan, C., Pruteanu, M. | 2017 | Environmental Engineering and Management Journal, 16(4), pp. 1017-1026 | 1 | 1.186 | 1.186 | 1 |
| 4 | Modeling equilibrium data for Cd (II) adsorption by peat using non-linear regression analysis | Balan, C., Robu, B.,Bulai, P., Bilba, D. | 2017 | Environmental Engineering and Management Journal, 16(3), pp. 569-580 | 2 | 1.186 | 0.297 | |
| 5 | Monitoring of radioactivity level in autoclaved aerated concrete produced in Romania and risk assessment | Isopescu, D.N.,Sluser Robu, B.M.,Noli, F., Buckus, R.,Cretescu, I. | 2016 | Environmental Engineering and Management Journal, 15(4), pp. 935-943 | 0 | 1.186 | 1.186 | 1 |
| 6 | Environmental assessment of municipal wastewater discharges: a comparative study of evaluation methods | Teodosiu, C.,Barjoveanu, G.,Sluser, B.R., Popa, S.A.E., Trofin, O. | 2016 | International Journal of Life Cycle Assessment, 21(3), pp. 395-411 | 9 | 4.868 | 0.974 | |
| 7 | Environmental impact and risk assessment of the main pollution sources from the Romanian black sea coast | Robu, B., Jitar, O.,Teodosiu, C., (...),Nicoara, M., Plavan, G. | 2015 | Environmental Engineering and Management Journal, 14(2), pp. 331-340 | 12 | 1.186 | 1.186 | 1 |

| | | | | | | | | |
|----|--|--|------|---|----|-------|-------|---|
| 8 | Environmental impact and risk quantification based on selected water quality indicators | Teodosiu, C., Robu, B., Cojocariu, C., Barjoveanu, G. | 2015 | Natural Hazards, 75(1), pp. 89-105 | 17 | 2.64 | 0.660 | |
| 9 | Advanced environmental impact assessment quantitative method for red mud disposal facilities | Utasi, A., Sebestyén, V., Németh, J., (...), Ráduly, I., Ráduly, L. | 2014 | Environmental Engineering and Management Journal, 13(9), pp. 2295-2300 | 2 | 1.186 | 0.132 | |
| 10 | Advanced quantitative environmental impact assessment method | Utasi, A., Yuzhakova, T., Sebestyén, V., (...), Ráduly, L., Popita, G. | 2013 | Environmental Engineering and Management Journal, 12(2), pp. 305-310 | 4 | 1.186 | 0.148 | |
| 11 | Water footprint assessment in the winemaking industry: A case study for a Romanian medium size production plant | Ene, S.A., Teodosiu, C., Robu, B., Volf, I. | 2013 | Journal of Cleaner Production, 43, pp. 122-135 | 64 | 6.395 | 1.599 | |
| 12 | Integrated approach of environmental impact and risk assessment of Rosia Montana Mining Area, Romania | Ștefănescu, L., Robu, B.M., Ozunu, A. | 2013 | Environmental Science and Pollution Research, 20(11), pp. 7719-7727 | 21 | 3.14 | 3.140 | 1 |
| 13 | Sustainability in the water use cycle: Challenges in the Romanian context | Teodosiu, C., Barjoveanu, G., Robu, B., Ene, S.-A. | 2012 | Environmental Engineering and Management Journal, 11(11), pp. 1987-2000 | 16 | 1.186 | 0.297 | |
| 14 | Integrated environmental impact and risk assessment of the agricultural and related industries in the Prut River Basin | Cojocariu, C., Barjoveanu, G., Robu, B., Teodosiu, C. | 2012 | Studia Universitatis Babeș-Bolyai Chemia, (1), pp. 151-166 | 2 | 0.28 | 0.070 | |
| 15 | Digitization of the environmental impact quantification process | Suditu, G.D., Robu, B.M. | 2012 | Environmental Engineering and Management Journal, 11(4), pp. 841-848 | 5 | 1.186 | 1.186 | 1 |
| 16 | Removal of Cd(II) ions from aqueous solution by retention on pine bark | Tofan, L., Paduraru, C., Robu, B., Miron, A., Amalinei, R.L.M. | 2012 | Environmental Engineering and Management Journal, 11(1), pp. 199-205 | 10 | 1.186 | 0.237 | |
| 17 | Soil and groundwater cleanup: Benefits and limits of emerging technologies | Caliman, F.A., Robu, B.M., Smaranda, C., Pavel, V.L., Gavrilescu, M. | 2011 | Clean Technologies and Environmental Policy, 13(2), pp. 241-268 | 61 | 2.46 | 0.492 | |

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|----|--|--|------|---|----|-------|-------|---|
| 18 | Heavy metal influence on an environment generated by the mining industry: The influence of copper, zinc, lead, manganese and silver on soil quality in the Mestecaniş area (Romania) | Horaicu, C., Robu, B., Florea, F., Horaicu, M.A. | 2010 | Carpathian Journal of Earth and Environmental Sciences, 5(2), pp. 185-192 | 8 | 0.77 | 0.770 | 1 |
| 19 | Influence of air pollution on forest ecosystems: Ecological impact of heavy metals | Budianu, M., Robu, B.M., Macoveanu, M. | 2010 | Environmental Engineering and Management Journal, 9(10), pp. 1401-1405 | 3 | 1.186 | 0.395 | |
| 20 | Integrated assessment of wastewater treatment plants for sustainable river basin management | Barjoveanu, G., Cojocariu, C., Robu, B., Teodosiu, C. | 2010 | Environmental Engineering and Management Journal, 9(9), pp. 1251-1258 | 22 | 1.186 | 0.297 | |
| 21 | Study of biodiesel production from oilseed plants II. evaluation of biodiesel production from some cultivars of rapeseeds | Leonte, C., Bulgariu, R., Robu, B., Robu, T., Simioniu, D. | 2010 | Environmental Engineering and Management Journal, 9(9), pp. 1311-1315 | 2 | 1.186 | 0.237 | |
| 22 | Ecological education for sustainable tourism in Romania's North-East Region | Ioan, C.C., Robu, B., Macoveanu, M. | 2010 | Environmental Engineering and Management Journal, 9(1), pp. 39-43 | 4 | 1.186 | 0.297 | |
| 23 | Impact of chemicals on derivatives with important therapeutic activity in <i>Calendula officinalis</i> L. flowers | Robu, T., Leonte, C., Gile, E., Vatavu, R., Robu, B. | 2010 | Environmental Engineering and Management Journal, 9(1), pp. 33-37 | 2 | 1.186 | 0.237 | |
| 24 | Strategic environmental assessment for plans, programs, policies in Romania: Multi-criteria method | Robu, B., Macoveanu, M. | 2009 | Environmental Engineering and Management Journal, 8(6), pp. 1451-1456 | 15 | 1.186 | 1.186 | 1 |
| 25 | Assessment of heavy metal contamination and impact on surface waters in Iași city, Romania | Horaicu, C., Gabrian, F.C., Grozavu, I., Horaicu, M., Robu, B. | 2009 | Environmental Engineering and Management Journal, 8(6), pp. 1541-1551 | 8 | 1.186 | 1.186 | 1 |
| 26 | Impact of landfill leachate on soil quality in IASI county | Șchiopu, A.-M., Mihaela Robu, B., Apostol, I., Gavrilă, M. | 2009 | Environmental Engineering and Management Journal, 8(5), pp. 1155-1164 | 17 | 1.186 | 0.297 | |
| 27 | European frame for sustainable agriculture in Romania: Policies and strategies | Robu, B., Ioan, C.C., Robu, E., Macoveanu, M. | 2009 | Environmental Engineering and Management Journal, 8(5), pp. 1171-1179 | 9 | 1.186 | 1.186 | 1 |

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|----|---|--|------|--|----|-------|--|-------|---|
| 28 | Bioavailability processes for contaminants in soils and their use in risk assessment | Hlihor, R.M., Apostol, L.C., Smaranda, C., (...), Robu, B.M., Gavrilescu, M. | 2009 | Environmental Engineering and Management Journal, 8(5), pp. 1199-1206 | 34 | 1.186 | | 0.237 | |
| 29 | The Pb(II) sorption from aqueous solutions by sphagnummoss peat | Bulgariu, L., Robu, B., Macoveanu, M. | 2009 | Revista de Chimie, 60(2), pp. 171-175 | 12 | 1.23 | | 0.308 | |
| 30 | Valorification of herbs in phytotherapy - An alternative of chemical treatments in agriculture | Robu, T., Robu, B., Robu, S. | 2008 | Environmental Engineering and Management Journal, 7(5), pp. 579-588 | 5 | 1.186 | | 0.395 | |
| 31 | The Gorgon method as a tool in sustainable behavior and development | Ioan, C.C., Macoveanu, M., Robu, B. | 2008 | Environmental Engineering and Management Journal, 7(6), pp. 781-784 | 4 | 1.186 | | 0.395 | |
| 32 | Quantification of environmental impact and risk induced by industrial activities on ground water quality: Case study Cordun - Roman area, Romania | Cârlig, E.D., Robu, B., Macoveanu, M. | 2008 | Environmental Engineering and Management Journal, 7(6), pp. 791-803 | 10 | 1.186 | | 1.186 | 1 |
| 33 | Quantification of impact and risk induced in surface water by heavy metals: Case study - Bahlui River Iasi | Robu, B., Bulgariu, L., Bulgariu, D., Macoveanu, M. | 2008 | Environmental Engineering and Management Journal, 7(3), pp. 263-267 | 13 | 1.186 | | 1.186 | 1 |
| 34 | Methods and procedures for environmental risk assessment | Robu, B.M., Căliman, F.A., Bețianu, C., Gavrilescu, M. | 2007 | Environmental Engineering and Management Journal, 6(6), pp. 573-592 | 38 | 1.186 | | 1.186 | 1 |
| 35 | Study concerning the influence of oxidizing agents on heterogeneous photocatalytic degradation of persistent organic pollutants | Căliman, A.F., Bețianu, C., Robu, B.M., Gavrilescu, M., Poulis, I. | 2007 | Environmental Engineering and Management Journal, 6(6), pp. 483-489 | 5 | 1.186 | | 0.237 | |
| 36 | Equilibrium isotherms studies for sorption of lead ions from aqueous solutions using Romanina peat sorbent | Bulgariu L, Cojocar C, Robu B, Macoveanu M | 2007 | Environmental Engineering and Management Journal 6(5), pp. 425-430 | 27 | 1.186 | | 0.297 | |
| 37 | Profiluri de interese vocationale favorabile integrării profesionale ale absolvenților de ingineria mediului | Ioan C.C., Carcea M, Sluser B | 2019 | Buletinul Institutului Politehnic, Secțiunea Socio-Umane, 65-69, (1-2), pp 41-57 | 0 | BDI | | 0.000 | |

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|----|---|--|------|---|----|-----|-------|
| 38 | ANTHROPOGENIC POLLUTION DUE TO EMISSION OF HEAVY METALS GENERATED FROM A LIGNITE THERMAL POWER PLANT IN ROMANIA | DELIA NICA-BADEA1, LILIANA LAZĂR2, BRINDUȘA MIHAELA SLUSER3,*, IGOR CRETESCU | 2017 | BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, Universitatea Tehnică „Gheorghe Asachi” din Iași Volumul 63 (67), Numărul 1, 2017, Secția CHIMIE și INGINERIE CHIMICĂ | 0 | BDI | 0.000 |
| 39 | Comparative evaluation of impact induced in environment by a refinery | Robu, B., Petruc, V., Macoveanu, M. | 2006 | Environmental Engineering and Management Journal 5(3), pp. 457-470 | 2 | BDI | 0.000 |
| 40 | Decontamination of polluted soils with heavy metals by electrokinetic methods (I) | Bulgariu, D., Bulgariu, L., Rusu, C., Robu, B. | 2006 | Environmental Engineering and Management Journal 5(3), pp. 307-318 | 1 | BDI | 0.000 |
| 41 | Improved Global Pollution index method applied for environmental impact assessment of a refinery | Petruc, V., Robu, B., Macoveanu, M. | 2006 | Environmental Engineering and Management Journal 5(1), pp. 51-61 | 7 | BDI | 0.000 |
| 42 | Integrated environmental impact and risk assessment of emissions resulted from oil distribution | Robu, B., Petruc, V., Macoveanu, M. | 2005 | Environmental Engineering and Management Journal 4(4), pp. 499-512 | 14 | BDI | 0.000 |
| 43 | Environmental impact assessment for steel processing | Robu, B., Zaharia, C., Macoveanu, M. | 2005 | Environmental Engineering and Management Journal 4(1), pp. 51-65 | 14 | BDI | 0.000 |
| 44 | The monitoring of aluminum concentration in water and fresh food in order to estimate the risks on human health | Volf, I., Robu, B., Ciobanu, O. | 2004 | Environmental Engineering and Management Journal 3(3), pp. 313-322 | 0 | BDI | 0.000 |
| 45 | A new tool for site investigation: Fast GC/MS analysis of benzo [a]pyrene in soil | Robu, B., Ollesch, T., Schröder, W., Matz, G. | 2004 | Environmental Engineering and Management Journal 3(3), pp. 345-354 | 1 | BDI | 0.000 |
| 46 | Risk assessment for a shipyard from romanian black sea coast | Robu, B., Gavrilesu, M., Macoveanu, M. | 2003 | Environmental Engineering and Management Journal 2(4), pp. 303-316 | 4 | BDI | 0.000 |

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|----|---|---|------|---|-----|--------------------|--------------|
| 47 | Modelling and simulation of a three-phase fluidized system applied to attached-growth nitrification of wastewater | Gavrilescu, M., Ungureanu, F., Robu, B. | 2002 | Environmental Engineering and Management Journal 1(4), pp. 517-532 | 1 | BDI | 0.000 |
| 48 | Preliminary actions for the ISO 14001 implementation in a synthetic yarns and fibers plant | Robu, B., Teodosiu, C. | 2002 | Environmental Engineering and Management Journal 1(2), pp. 243-254 | 1 | BDI | 0.000 |
| | | | | 427 citari ISI, fara autocitari, din total citari ISI | 510 | TOTAL FIC = | 27.22 |

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