

## LISTA DE LUCRĂRI

**Prof.dr.ing. Eugen ROȘCA**

### **I. TEZĂ DE DOCTORAT (T)**

1. Modele matematice și de simulare pe calculator pentru sistemele complexe de servire în masă, cu aplicații la sistemele de trafic (UPB, 2004)

### **II. CĂRȚI PUBLICATE (C)**

▪ **Ca – Cărți / cursuri (manuale) pentru uzul studenților, publicate în edituri recunoscute.**

1. **Roșca E.**, Modelarea și simularea sistemelor de trafic, Ed. Printech, București, 2016, ISBN 978-606-23-0655-7
2. Raicu Ș., **Roșca E.**, Burciu Șt., Teoria informației și coduri, Ed. AGIR, București, 2012, ISBN 978-973-720-416-5
3. Târcolea, C., Cășlaru, C., **Roșca, E.**, Statistică matematică, teoria informației și coduri, Ed. Fair Partners, București, 2003, ISBN 973-8470-13-7

▪ **Cb - Cărți de specialitate publicate în edituri recunoscute (autor, coautor, editor).**

1. Cataramă I., Ghiță E., **Roșca E.**, Burciu Șt., Mașini de ridicat și utilaje de construcții și transport, Ed. Academiei Oamenilor de Știință din România, București, 2011, ISBN 978-606-8371-51-1
2. Bivolaru, I., Dragu, V., Popa, M., **Roșca, E.**, Reingineria în transporturi, Ed. Printech, București, 2002, ISBN 973-652-581-3
3. **Roșca, E.**, Baze de date, Ed. Fair Partners, București, 2001, ISBN 973-99984-7-x

### **III. ALTE MATERIALE PUBLICATE (I,D)**

▪ **I - Culegeri și Îndrumare publicate (separate în edituri cu ISBN și în tipografii locale/de instituții sau de uz intern).**

1. Rusca, F, **Rosca, E.**, Rosca, M.A., Programarea calculatoarelor- îndrumar de laborator , Ed. PRINTECH, București, ISBN , 978-606-23-1107-0
2. Rosca M., **Rosca E.**, Rusca F., Tehnici de programare, Ed. Printech, București, 2015, ISBN 9786062303822
3. **Roșca, E.**, Teoria informației și coduri – culegere de probleme, Ed. Fair Partners, București, 2000, ISBN 973-99439-7-7
4. **Roșca E.**,\_Ruscă F., Informatică și Cibernetică în Transporturi - îndrumar de laborator, CreateSpace Independent Publishing Platform, 2013, ISBN 1482063573

▪ **D - Alte lucrări publicate: capitole publicate în volume colective, capitole teoretice redactate, sisteme de laborator funcționale etc.**

1. **Roșca, E.**, *Cars Exhaust Emissions in transport sensitive areas. A simulation study in Sinaia mountain resort*, Advances in Engineering: from Theory to Application, Eds. E. Andronescu, C. Burileanu, Politehnica Press, 343-348, 2012, ISBN 978-606-515-381-3

2. Raicu, Ș., **Roșca, E.**, Asupra distribuției containerelor între terminalele de transport și beneficiari, în *Concepte intermodale în transporturi*, Ed. AGIR, pag. 165-173, București, 2006, ISBN 9737200454
3. Raicu, Ș., **Roșca, E.**, Optimizarea manipulării containerelor în terminale de transport, în *Concepte intermodale în transporturi*, Ed. AGIR, pag. 227-232, București, 2006, ISBN 9737200454

#### IV. *ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)*

- *Ris - Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a revistelor pe baza unor criterii de performanta). Se mentioneaza la fiecare lucrare includerea in Baza ISI [ultimul Factor Impact, ISSN] si/sau denumirea altei (altor) BDI.*

1. Raicu, S., **Rosca, E.**, Costescu, D., Resilience of Urban Technical Networks. *Entropy* 2019, 21, 886, WOS: 000489176800070, IF 2,49,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=3&SID=F5ItnQVvy6e6chgPu6I4&page=1&doc=1](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=F5ItnQVvy6e6chgPu6I4&page=1&doc=1)
2. F. Ruscă, M. Popa, **E. Roșca**, A. Ruscă, M. Roșca, O. Dinu, Assessing The Transit Capacity Of Port Shunting Yards Through Discrete Simulation, *Transport Problems*, 14(4), 2019, WOS: 000496814100009,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=1](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=1)
3. Rusca, F., Popa, M., **Rosca, E.**, Rosca, M., Rusca, A., Simulation Model For Maritime Container Terminal, *Transport Problems*, Volume: 13, Issue: 4, Pages: 47-54, 2018, WOS:000453319700005,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=2](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=2)
4. Popa, M., **Rosca, E.**, Rusca, F., Costescu, D., Dragu, V., Transit Time Through The Border-Crossing Points: The Case Study Of The Eu's Road Bcp With Moldavia, *Transport Problems*, Volume: 11, Issue: 2, Pages: 79-89, 2016, WOS:000409340700008,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=4](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=4)
5. **Rosca E.**, Rusca F., Rosca M., How Green Are The Traffic Calming Methods?, *Metalurgia International*, Volume: 18 Issue: 4 Pages: 110-115, IF 0.134, Published: 2013 WOS:000315177400024,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=76&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=76&cacheurlFromRightClick=no)
6. Dragu V., Burciu St., **Rosca E.**, Ruscă F, Intervention Opportunity Model Within Transport Studies, *U.P.B. Scientific Bulletin*, 2015, 77/1, Pag. 97-104, Index SCOPUS,  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-84926442951&origin=resultslist>
7. V. Carlan, **E. Rosca**, M. Rosca, *Urban and peri-urban passenger transport integration through hub-and-spoke-network*, in *Theoretical and Empirical Researches in Urban Management*, Volume 9 Issue 1/February 2014, pag. 74-84, ISSN 2065-3913, Index SCOPUS,  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-84893718794&origin=resultslist>
8. Popa M., Raicu S., Costescu D., **Rosca E.**, *Influence of the freight transnational rail liner service on the train scheduling in case of major corridors*, *Transport Problems*, 8/2013, pag. 93-100, Index SCOPUS,  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-84890382690&origin=resultslist>

9. M. Popa, Ș. Raicu, E. Roșca, *Financial And Technical Issues Of Ramnicu Valcea - Valcele Rail Connection*, Annals of the University of Petroșani, Mechanical Engineering, 14 (2012), pag. 153-163, ISSN 1454-9166, (Indexed Ulrich's Periodicals Directory), <https://www.upet.ro/annals/mechanical/2012.php>
10. Raicu, Ș., Popa, M., Roșca, E., Dragu, V., *Reverse logistics and space allocation for recovery management in new urban settlements*, Theoretical and empirical researches in urban management (TERUM), 3(12)/2009, pag. 37-48, ISSN 2065-3913 (Scopus Indexed), <http://www.um.ase.ro/no12/nr12.htm>
11. Popa M., Roșca E., Ruscă F., *On transport network reliability*, Transport Problems, 7/3 2012, pag. 127-134, ISSN 1896-0596 (Scopus Indexed), <https://www.scopus.com/record/display.uri?eid=2-s2.0-84875490281&origin=resultslist>
12. Roșca, E., Rusca, A., Ilie, A., Rusca, F., *Non-Motorized Transportation. An Educational Challenge For Urban Communities*, Theoretical and Empirical Research in Urban Management (TERUM), 17(8)/2010, pag. 2065- 3913, ISSN 2065-3913 (Scopus), <https://www.scopus.com/record/display.uri?eid=2-s2.0-79959645916&origin=resultslist>
13. Raicu, Ș., Roșca, E., Ruscă, F., *Vulnerability of Trans-Carpathian Road Network*, University of Pitești Scientific Bulletin, Automotive series, no. 19/2009, vol. B, paper 23, 6 pages (Index Copernicus International), [https://automotive.upit.ro/index\\_files/Year\\_2009\\_B\\_.htm](https://automotive.upit.ro/index_files/Year_2009_B_.htm)
14. Popa, M., Raicu, Ș., Roșca, E., *Decisions of hypermarkets location in dense urban area – effects on streets network congestion in the Bucharest*, Transport Problems, 4/2008, pag. 57-64, ISSN 1896-0596, (DOAJ), [http://transportproblems.polsl.pl/pl/Archiwum/2008/zeszyt4/2008t3z4\\_00-2.pdf](http://transportproblems.polsl.pl/pl/Archiwum/2008/zeszyt4/2008t3z4_00-2.pdf)
15. Ghionea, F., Roșca, E., *Optimum Number of Vehicles in a Group Used in Public Transport Program*, University Politehnica of Bucharest Scientific Bulletin, series D, pag. 71-78, 64(1)/2002, Indexed SCOPUS, <https://www.scopus.com/record/display.uri?eid=2-s2.0-84887457379&origin=resultslist>

▪ **Rio – Alte reviste de specialitate de circulație internațională**

1. Roșca E., Roșca M., *Time Benchmarking In Urban Transport Quality*, Mechanics, Transport, Communications 3/2007, pag. I21-24, ISSN 1312-3823, [https://mtc-aj.com/library/98\\_EN.pdf](https://mtc-aj.com/library/98_EN.pdf)

▪ **Rns - Reviste de specialitate de circulație națională recunoscute de CNCSIS. Se mentioneaza Categoria CNCSIS.**

1. Roșca, E., Ruscă, F., *Vulnerabilitatea rețelelor de transport din marile aglomerări urbane*, Buletinul AGIR, no. 4/2009, pag. 89-92, CNCSIS B+, <https://www.buletinulagir.agir.ro/articol.php?id=509>
2. Roșca, M., Roșca, E., *Capacitatea sistemelor de parcare*, Buletinul AGIR, pag. 127-130, 1-2/2005, CNCSIS B+, <https://www.buletinulagir.agir.ro/articol.php?id=161>
3. Roșca, E., Rusca, F., Panica, A., *Asupra calității servirii călătorilor în terminalele de transport*, Buletinul AGIR, pag. 121-125, 3/2004, CNCSIS B+, <https://www.buletinulagir.agir.ro/articol.php?id=101>
4. Roșca, E., *Ameliorarea calității servirii călătorilor în terminalele de transport*, Buletinul AGIR, pag. 43-51, 4/2001, CNCSIS B+,

▪ **Vis- Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a publicatiilor pe baza unor**

**criterii de performanta. Se mentioneaza la fiecare lucrare includerea in Baza ISI [ISI Proceedings, ISSN] si/sau denumirea altei (altor) BDI.**

1. Dragu, V., **Rosca, E.**, Rusca, F., Rusca, A., Roman, Roman, E. A., Solutions for the port facilities development, 6th International Conference on Modern Technologies in Industrial Engineering (ModTech), 2018, WOS: 000461147400187, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=26&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=26&cacheurlFromRightClick=no)
2. Rusca, F., **Rosca, E.**, Popa, M., Rusca, A., Rosca, M., The Failure Analysis Of Handling Process In Maritime Container Terminal, Proceeding of the International Conference on Traffic and Transport Engineering (ICTTE), (Ed.) Cokorilo, O, 298-304, 2018, WOS: 000542956800039, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=3](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=3)
3. Rusca, F., Rusca, A., **Rosca, E.**, Rosca, M., Dinu, O., Ghionea, F., Algorithm for traffic allocation when are developed park and ride facilities, 12th International Conference Interdisciplinarity In Engineering (INTER-ENG 2018), Edited by: Moldovan, L; Gligor, A, Procedia Manufacturing, Volume: 32 Pages: 936-943, WOS: 000471295800131, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=20&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=20&cacheurlFromRightClick=no)
4. Rusca, A., Rusca, F., **Rosca, E.**, Dragu, V., Rosca, M., Improving capacity of port shunting yard, Progress in Maritime Technology and Engineering - Proceedings of the 4th International Conference on Maritime Technology and Engineering, MARTECH 2018, 35-42, WOS: 000467268100005, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=25&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=25&cacheurlFromRightClick=no)
5. Rusca, F., **Rosca, E.**, Costescu, D., Rusca, A., Rosca, M., Olteanu, S., The influence of storage area design on maritime container terminal capacity, 6th International Conference on Modern Technologies in Industrial Engineering (ModTech) Location: Constanta Maritime Univ, Constanta, Romania, June 13-16, 2018, 8 pp, WOS: 000461147400197, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=27&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=27&cacheurlFromRightClick=no)
6. **E. Rosca**, M. Popa, V. Dragu, D. Costescu, A. Rusca, S Burciu, *Acidifying Emissions Increasing Due To Road Traffic Congestion*, Proceedings of the International Conference on Traffic and Transport Engineering, Belgrade, 2016, pg.476-484, ISBN 978-86-916153-3-8, WOS: 000391016300067, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=5](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=5)
7. Dinu, O., **Rosca, E.**, Dragu, V., Rosca, M., Ilie, A., Optimization of the transfer function through handling productivity control in port container terminals, 11th International Conference Interdisciplinarity In Engineering, Inter-Eng 2017 Book Series: Procedia Manufacturing Volume: 22 Pages: 856-863, 2018, WOS:000456199200119, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=28&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=28&cacheurlFromRightClick=no)
8. Dinu, O., **Rosca, E.**, Popa, M., Rosca, M.A., Rusca, A., Assessing materials handling and storage capacities in port terminals, Modtech International Conference - Modern Technologies In Industrial Engineering V, Book Series: IOP Conference Series-Materials Science and

Engineering , Volume: 227, 2017, WOS:000409221600039,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=40&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=40&cacheurlFromRightClick=no)

9. Rusca, A., Popa, M., **Rosca, E.**, Rosca, M., Dragu, V., Rusca, F., Simulation model for port shunting yards, Modtech International Conference - Modern Technologies In Industrial Engineering IV, PTS 1-7, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 145, 2016, WOS:000396437600133,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=45&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=45&cacheurlFromRightClick=no)
10. Oprea, C., **Rosca, E.**, Popa, M., Ilie, A., Dinu, O., Rosca, M., The quality of service in passenger transport terminals, 20th Innovative Manufacturing Engineering And Energy Conference (IMANEE 2016), pag. 1-9, 2016, WOS: 000391131300097,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=47&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=47&cacheurlFromRightClick=no)
11. Ilie, A., Oprea, C., Costescu, D., **Rosca, E.**, Dinu, O., Ghionea, F., The use of the bicycle compatibility index in identifying gaps and deficiencies in bicycle networks, 20th Innovative Manufacturing Engineering And Energy Conference (IMANEE 2016), pag. 1-8, 2016, WOS: 000391131300096,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=46&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=46&cacheurlFromRightClick=no)
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13. Dragu V., **Rosca E.**, Ruscă A., Public Transport—Feasible Solution for Sustainable Urban Mobility, Proceedings of the European Automotive Congress EAEC-ESFA 2015, pag. 419-429, Ed. Springer International Publishing, 2016, Index Springer,  
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14. Rusca F., **Rosca. E.**, Rusca A., Rosca M., Burciu S., The influence of transport network vulnerability for maritime ports, Modern Technologies In Industrial Engineering (Modtech2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, 6 pages, DOI: 10.1088/1757-899X/95/1/012080, WOS:000365128900080,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=62&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=62&cacheurlFromRightClick=no)
15. Rusca, F., **Rosca, E.**, Rusca, A., Rosca, M., Burciu, S., Park And Ride Solution, A Method To Promote Sustainable Mobility, Conference: 7th International Conference of Management and Industrial Engineering (ICMIE 2015) on Management - the Key Driver for Creating Value Location: Univ Politehn Bucharest, Bucharest, 2015, WOS:000448633100075,  
[https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=65&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=65&cacheurlFromRightClick=no)
16. Ruscă, F., Raicu, S., **Rosca, E.**, Rosca, M., Burciu, Ș., Risk assessment for dangerous goods in maritime transport, Towards Green Marine Technology and Transport - Proceedings of the 16th International Congress of the International Maritime Association of the Mediterranean, IMAM 2015, Pages 669-674, WOS: 000505749600077,

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17. Burciu S., Stefanica C., **Rosca E.**, Dragu V., Rusca F., *Location of an intermediate hub for port activities*, Modern Technologies In Industrial Engineering (Modtech2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, 6 pages, DOI: 10.1088/1757-899X/95/1/012064, WOS:000365128900064, [https://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=60&cacheurlFromRightClick=no](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=60&cacheurlFromRightClick=no)
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**V. CONTRACTE ȘI RAPOARTE ȘTIINȚIFICE (P,F)**

▪ ***P – Proiecte de cercetare-dezvoltare – inovare obtinute prin competiție, pe bază de contract/grant, in tara/strainatate (Pn –naționale, Pi - internationale)***

▪ ***Pn - proiecte naționale***

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2. Contract PN-III-P1-1.1-MC-2018-0311 Proiect de mobilitate pentru cercetători, UEFISCDI, 2018 – **Director de proiect**
3. *Cercetări pentru estimarea și creșterea performanțelor de siguranță intrinsecă a rețelelor traficului urban” (SAFENET)*, 2012-2014, PNCDI II, funcția in cadrul proiectului - coautor
4. *MODUR Promovarea MOBilitatii urbane DURabile in municipiul Bucuresti*, 2005, Program National CeEx, funcția in cadrul proiectului - coautor
5. *TERITRANS Solutii interdisciplinare convergente in amenajarea TERItoriului si in structurarea sistemului de TRANSport, orientate catre dezvoltarea durabila si cresterea calitatii vietii*, 2005, Program National CeEx, funcția in cadrul proiectului - coautor

6. *Cercetari privind proiectarea si realizarea unei platforme logistice virtuale pentru structurarea logisticilor integrate in Romania*, 2004, Programul RELANSIN, functia in cadrul proiectului - coautor
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10. *Transportul durabil - componenta esentiala a societatii mileniului III*, Grant CNCISIS, 2003, functia in cadrul proiectului - coautor
11. *Solutii convergente pentru limitarea congestiei si a efectelor poluante ale traficului din marile aglomerari urbane*, 2002, PNCDI, Programul AMTRANS, functia in cadrul proiectului - coautor
12. *Cercetari privind dezvoltarea sistemului de transport public colectiv de persoane in jud. Ilfov in corelatie cu cel din Mun. Bucuresti si cu specificitatile spatiale si structurale ale mediului socio-economic*, 1999, PNCDI, Programul ORIZONT 2000, functia in cadrul proiectului - coautor
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14. *Cercetari privind restructurarea retelelor de transport in directa legatura cu situatia coridoarelor europene, cu conventiile TEM si TER, in cadrul programelor de asociere a Romaniei la Comunitatea Europeana*, 1995, PNCDI, Programul ORIZONT 2000, functia in cadrul proiectului - coautor
15. *CONCORD– 2010-2013, Retea Nationala de Formare Continua a Cadrelor Didactice din Invatamantul Preuniversitar Profesional si Tehnic – UPB- POSDRU 87/1.3/S/61397* - expert pe termen scurt- pentru Transporturi
16. *DOCIS-Dezvoltarea unui sistem operational al calificarilor din invatamantul superior din Romania, ACPART –Agentia Nationala pentru Calificarile din Invatamantul Superior si Parteneriat cu Mediul Economic si Social - POSDRU/2/1.2/S/2-* Expert pe termen scurt – Transporturi
17. *INSTRACENTRU de instruire pentru promovarea adaptabilității și creșterea gradului de mobilitate al angajaților operatorilor de transport public de persoane din România*, POSDRU/81/3.2/S/57643, Expert pe termen lung
18. *Managementul riscului in cadrul unui sistem de centralizare electronica a statiilor de cale ferata, X2C23CEEX* - functia in cadrul proiectului - coautor

▪ **PI - proiecte internaționale**

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2. *ACROSSEE, Accessibility improved at border CROSSings for the integration of South East Europe*, proiect finanțat din European Regional Development Fund prin programul “EU Transnational Cooperation Programme "South-East Europe”, functia in cadrul proiectului - Director de Comunicare

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- **Proiecte cu mediul de afaceri**
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