

LISTA
lucrărilor științifice

A. Teza de doctorat

Abordarea procesuală a modelării ecosistemelor pentru un management sustenabil – în curs de susținere

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. Introducere în geometria computațională - Simian Dana, **Cismaș Cristina**, Simian Corina, Editura Universității "Lucian Blaga" din Sibiu, ISBN: 978-606-12-0889-0, decembrie 2014

C. Articole/studii științifice publicate în publicații indexate ISI cu factor de impact

1. **Brumar C.**, Fabian R., Manolescu M.-J., Chiș V., Memetic Engineering for Permanent Education in line with Sustainable Growth, *International Journal of Computers, Communications & Control* (IJCCC), Vol. 7, Issue 5, p. 807-815, 2012, ISSN 1841-9836, <http://univagora.ro/jour/index.php/ijccc/article/view/1076>

D. Articole/studii științifice în publicații indexate ISI fără factor de impact (Web of Science – All databases)

1. Curtean-Bănăduc A., **Cismaș I.-C.**, Bănăduc D., Gobio genus species integrated management system – Târnava rivers study case (Transylvania, Romania), *Transylvanian Review of Systematical and Ecological Research*, Vol. 21, Nr. 1, The Wetlands Diversity, ISSN-L 1841 – 7051, ISSN 2344 – 3219, pag. 83-96, 2019, http://stiinte.ulbsibiu.ro/trser/trser21/trser21_1_summary.html.
2. **Cismaș C.**, Bănăduc D., Curtean-Bănăduc A., Diversion of fishing pressure on the economically important species *Barbus barbus* (Linnaeus, 1758) to protect the community interest congeneric *Barbus meridionalis* Risso, 1826, based on a decision-support management system, *Transylvanian Review of Systematical and Ecological Research*, volume 20.2, The Wetlands Diversity, 63-74, ISSN-L 1841 – 7051, ISSN 2344 – 3219, 2018, http://stiinte.ulbsibiu.ro/trser/trser20/trser20_2_summary.html.
3. Bănăduc D., **Cismaș I.-C.**, Miricescu D., Curtean-Bănăduc A., Suport system for the management of the *Sabanejewia aurata* (de Filippi, 1863) populations of the ROSCI0227 – Sighișoara-Târnava Mare, *Transylvanian Review of Systematical and Ecological Research*, volume 18.1, The Wetlands Diversity, pages 35-44, ISSN-L 1841 – 7051, ISSN 2344 – 3219, 2016, http://stiinte.ulbsibiu.ro/trser/trser18/trser18_1_summary.html.
4. Curtean-Bănăduc A., **Cismaș I.-C.**, Bănăduc Doru – *Pelecus cultratus* (Linnaeus, 1758) on site management decisions support system – a Carpathian Natura 2000 site study case, *Romanian Journal of Biology – Zoology.*, vol. 60., no. 1., 27-37, ISSN: 1843-7761, Bucharest, 2015, <http://www.ibiol.ro/zoology/Volume%2060/PDF%20RJB-Z,%20vol%2060,%20nr%201,%202015.pdf>.

Cismaș

5. Curtean-Bănăduc A., **Cismaş C.-I.**, Bănăduc D., Sabanejewia aurata (de Filippi, 1865) populations management decisions support system for ROSCI0132 (Olt River basin), Transylvanian Review of Systematical and Ecological Research, 17.1, The Wetlands Diversity, Editura Universităţii "Lucian Blaga" din Sibiu, ISSN 1841-7051, pp. 153-162, 2015, http://stiinte.ulbsibiu.ro/trser/trser17/trser17_1_summary.html.
6. Bănăduc D., **Cismaş C.**, Curtean-Bănăduc A., Zingel zingel (Linnaeus, 1766) on site management decisions support system – study case, Transylvanian Review of Systematical and Ecological Research, 16.2, The Wetlands Diversity, Editura Universităţii "Lucian Blaga" din Sibiu, ISSN 1841-7051, pp. 139 - 150, 2014, <http://stiinte.ulbsibiu.ro/trser/trser16/TRSER%2016.2%20Contents%20&%20Papers.pdf>.
7. Oprean C., **Brumar C.**, Fabian R., Bărbat B., Memetics in Continuing Education. Rationale, Approach, Examples, 3rd International Conference on Applied Social Science (ICASS 2013), Taipei, Taiwan, 2013, VOL 2, p. 86-92, ISBN 978 1 61275 052-1, http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=6&SID=T2VPP7kPliMzoYoKEGu&page=1&doc=1.
8. Cañter M., **Brumar C.I.**, Transdisciplinary niches fostering Lifelong Learning, 2nd World Conference on Psychology, Counselling and Guidance, Procedia-Social and Behavioral Science Journal, May, 2011, Vol. 28, pg. 636-639, Antalya, Turkey, ELSEVIER, ISSN: 1877-0428, <http://www.sciencedirect.com/science/article/pii/S1877042811025596>.
9. Oprean C., Fabian R.D., **Brumar C.I.**, Bărbat B. E., Bounded Rationality for "Just In Time" Education, 2nd World Conference on Psychology, Counselling and Guidance, Procedia-Social and Behavioral Science Journal, May, 2011, Vol. 30, pg. 983-987 Antalya, Turkey, ELSEVIER, ISSN: 1877-0428, <http://www.sciencedirect.com/science/article/pii/S1877042811020167>.
10. Oprean C., **Brumar C.I.**, Cañter M., Bărbat B.E., Sustainable Development: E-teaching (now) for Lifelong E-Learning, 2nd World Conference on Psychology, Counselling and Guidance, Procedia-Social and Behavioral Science Journal, May, 2011, Vol. 30, pg. 988-992, Antalya, Turkey, ELSEVIER, ISSN: 1877-0428, <http://www.sciencedirect.com/science/article/pii/S1877042811020179>.
11. Oprean C, **Brumar C. I.**, Kifor C.V., Fabian R.D., Bărbat B.E., Post-Industrial Quality for Sustainable Development, Proceedings of the 1st International Conference on Quality and Innovation in Engineering and Management, (S. Popescu, S. Brad, D. Popescu, Eds.), Cluj-Napoca, March, 2011, pg. 159-162, ISBN 978-973-662-614-2.
12. Cacovean L.F., Pah I., Popa E.M., **Brumar I.C.**, Algorithm and an Elevator Control System Example for CTL Model Update, Proceedings of International Conference on E-Business, ICE-B 2008, Porto, Portugal, July 26-29, pp. 77-80, 2008, ISBN: 978-989-8111-58-6, http://www.ice-b.icete.org/Abstracts/2008/ICE-B_2008_Abstracts.htm#area1
13. Cacovean L.F., Popa E.M., **Brumar C.I.**, Pah I., An application CTL Formula based on Problem Solving Methodology, Proceedings of the 12th WSEAS International Conference of Computers-New Aspects of Computers, Heraklion, Greece, July 23-25, 2008, pg 218-223, ISSN: 1790-5109, ISBN: 978-960-6766-85-5.
14. **Brumar C.I.**, Pah I., Popa E.M., Cacovean L.F., Algebraic Model and Communication Tool of a Language, Proceedings of the 12th WSEAS International Conference of Computers - New Aspects of Computers, Heraklion, Greece, July 23-25, 2008, pg 224-228, ISSN: 1790-5109, ISBN: 978-960-6766-85-5.
15. Popa E.M., Fabian R., **Brumar C.**, A Bounded Rational Review of Approximation and Undecidability in Economic Modelling, Proceedings of the 12th WSEAS International

- Conference on Computers - New Aspects of Computers, Heraklion, Greece, July 2008, pg. 303-308, Published by WSEAS Press, ISSN 1790-5109, ISBN 978-960-6766-85-5, <http://portal.acm.org/citation.cfm?id=1513661>.
16. Cacovean L.F, Popa E.M., **Brumar C.I.**, Implementation of CTL Model Checker Update, Proceedings of the 11th WSEAS International Conference on COMPUTERS, Greece, 23-28 July 2007, ISSN: 1790-5117, ISBN: 978-960-8457-92-8.
 17. **Brumar C.I.**, Popa E. M., Language Specification, 3rd International Conference on Cybernetics and Information Technologies, Systems, and Applications and 4th International Conference on Computing, Communications and Control Technologies, CITSA 2006 / CCCT 2006, Vol 3, pg 170-171, July 2006, Orlando, Florida, ISBN: 978-980-6560-85-7.

E. Articole în publicații indexate în baze de date științifice internaționale (BDI)

1. Curtean-Bănăduc A., **Cismaș I.-C.**, Bănăduc D., Management elements for two Alburninae species, *Alburnus alburnus* (Linnaeus, 1758) and *Alburnoides bipunctatus* (Bloch, 1782) based on a decision-support system study case, *Transylvanian Review of Systematical and Ecological Research*, Vol. 21, Nr. 2, The Wetlands Diversity, ISSN-L 1841 – 7051, ISSN 2344 – 3219, pag. 81-92, 2019, http://stiinte.ulbsibiu.ro/trser/trser21/trser21_2_summary.html.
2. **Cismaș C.**, Bănăduc D., Voicu R. and Curtean-Bănăduc A., *Cottus gobio* Linnaeus, 1758 community interest species conservation in upper Târnava Mare River basin, through fish populations rehabilitation for Brown trout zone based on a decision-support management system, *Management of Sustainable Development*, 9 (2), DOI 10.1515/msd-2017-0015, pp. 5-10, 2017, <http://www.cedc.ro/media/MSD/Papers/Volume%209%20no%202%202017/2.pdf>
3. Curtean-Bănăduc A., **Cismaș I.-C.**, Bănăduc D., A decision-support management system designed for *Eudontomyzon danfordi* Regan, 1911 population of upper Târnava Mare river, *RJB-Z* vol. 62, nr. 1-2/2017, [http://www.ibiol.ro/zoology/Volume%2062/PDF%20RJB-Z,%2062%20\(1-2\),%202017.pdf](http://www.ibiol.ro/zoology/Volume%2062/PDF%20RJB-Z,%2062%20(1-2),%202017.pdf).
4. Bănăduc D., **Cismaș C.-I.**, Curtean-Bănăduc A., *Romanogobio kesslerii* (Dybowski, 1862) fish populations management decision support system for ROSCI0227 – Sighișoara-Târnava Mare (Romania), *Acta Oecologica Carpatica X.I*, 71-84, 2017, <http://reviste.ulbsibiu.ro/actaoc/on site AOC X.I Contents.pdf>
5. Bănăduc D., **Cismaș C.-I.**, Pătrulescu A., Voicu R. and Angela Curtean-Bănăduc, *Cobitis taenia* Linnaeus, 1758 species populations management support system in Natura 2000 Site Sighișoara-Târnava Mare (ROSCI0227), *Acta Oecologica Carpatica X.II*, 61-72, 2017, <http://reviste.ulbsibiu.ro/actaoc/on site AOC X.II papers.pdf>
6. Bănăduc D., **Cismaș I.-C.**, Curtean-Bănăduc A. – *Barbus meridionalis* Risso, 1827 populations system support for management decisions Sighișoara-Târnava Mare Natura 2000 Site – study case –, *Romanian Journal of Biology – Zoology.*, vol. 61., no. 1-2, 91-102, Bucharest, 2016, <http://www.ibiol.ro/zoology/revue61n1-2.htm>.
7. Curtean-Bănăduc A., **Cismaș C.-I.**, Bănăduc D., Bitterling populations in the Sighișoara-Târnava Mare Natura 2000 Site – a support system for management decisions, *Management of sustainable development*, vol. 8, nr. 1, pp. 5-13, 2016, <http://www.cedc.ro/media/MSD/Papers/Volume 8 no 1 2016/2.pdf>
8. Curtean-Bănăduc A., **Cismaș I.-C.**, Bănăduc D., 2016, Support elements for *Cobitis taenia* Linnaeus, 1758 management decisions system for RO-SCI0132 (Transylvania, Romania), *Acta Oecologica Carpatica*, Vol.IX, pp. 177-188, 2016, <http://reviste.ulbsibiu.ro/actaoc/penultima on>

- [site AOCIXPapers.pdf](#)
9. Bănăduc D., **Cismaș I.-C.**, Curtean-Bănăduc A., Barbus meridionalis Risso 1826 on site decisions support management system – a Transylvanian Natura 2000 Site study case, Acta Oecologica Carpatica, VIII, Editura Universității "Lucian Blaga" din Sibiu, 173-188, 2015, http://reviste.ulbsibiu.ro/actaoc/arhiva_aoc8.html
 10. **Cismaș I.-C.**, Ecosystem modeling for sustainable management, Revista Economica - Journal of economic-financial theory and practice, Vol. 67 issue supplement, ISSN 1582-6260, pag.218-225, 2015, <http://economice.ulbsibiu.ro/revista.economica/artarchive.php#id67Supplement>
 11. Bănăduc D., **Cismaș I.-C.**, Trichkova T., Curtean-Bănăduc A., Management decisions support system for Rhodessa amarus (Bloch, 1782) species populations in Oltul Mijlociu – Cibin Hârtibaciu Natura 2000 Site (Romania), Management od Sustainable Development 6.2, pp. 35-47, DOI 10.1515/msd-2015-0005, 2014, <http://www.cedc.ro/pages/english/conference-and-journal/msd-journal/papers/volume-6-no-22014.php>
 12. Curtean-Bănăduc A., **Cismaș I.-C.**, Bănăduc D., Romanogobio kesslerii (Dybowski, 1862) fish populations management decisions support system for ROSCI0132 (Transylvania, Romania), Acta Oecologica Carpatica VII, pp. 95-110, 2014, http://reviste.ulbsibiu.ro/actaoc/arhiva_aoc7.html

F. Articole în publicații din alte categorii decât cele enumerate mai sus

1. Curtean-Bănăduc A., Bănăduc D., Miricescu D., **Cismaș C.**, Support system for the management of the Sabanejewia aurata (de Filippi, 1863) populations of the ROSCI0227 – Sighișoara-Târnava Mare, Aquatic Biodiversity International Conference, Sibiu, http://stiinte.ulbsibiu.ro/aquatic_biodiversity_conference/2017/Program%20ABIC%202017%20-%2029%20septembrie.pdf, 2017.
2. Curtean-Bănăduc A., **Cismaș I.C.**, Bănăduc D., Barbus meridionalis Risso 1826 on site decisions support management system – a Transylvanian Natura 2000 Site study case, International Association for Danube Research Conference, 2016, http://conferences.ulbsibiu.ro/conf.iad/html/doc/Book%20of%20Abstracts_IAD_41.pdf
3. Curtean-Bănăduc A., **Cismaș I.C.**, Bănăduc D., Fish populations management decisions support system in natura 2000 context – a case study, Aquatic Biodiversity International Conference, Sibiu, http://stiinte.ulbsibiu.ro/aquatic_biodiversity_conference/2015.
4. Cacovean F.L., **Brumar C.I.**, Popa E.M., The Algorithm and a Case Study for CTL Model Update, International Journal of Computers from NAUN, Issue 3, Volume 1, 2007, pp. 34-40, December 2007, ISSN: 1998-4308.
5. **Brumar C.I.**, Popa Emil M., Cacovean F.L., Brumar B.A., Approach on programming languages and Galois connection, WSEAS Transactions on Computers, 6, pp. 314-319, 2007.
6. Cacovean F.L., Popa E.M., **Brumar C.I.**, Brumar B.A., Algebraic Implementation of CTL Model Checker, Proceedings of the 8th WSEAS International Conference on Mathematical Methods And Computational Techniques In Electrical Engineering (MMACTEE '06), 16-18 October 2006, Bucharest, ISSN: 1790-5117, ISBN: 960-8457-54-8, <http://www.wseas.us/e-library/conferences/2006bucharest/papers/518-196.pdf>
7. **Brumar C.I.**, Popa E.M., Cacovean L.F., Brumar B.A., Algebraic Model of Programming Languages, Proceedings of the 8th WSEAS International Conference on Mathematical Methods

- And Computational Techniques In Electrical Engineering (MMACTEE '06), 16-18 October 2006, Bucharest, ISSN: 1790-5117, ISBN: 960-8457-54-8, <http://www.wseas.us/e-library/conferences/2006bucharest/papers/518-199.pdf>.
8. Brumar B.A., Popa E.M., **Brumar I.C.**, Cacovean L.F., Model Specifications of Transition systems, Proceedings of the 8th WSEAS International Conference on Mathematical Methods And Computational Techniques In Electrical Engineering (MMACTEE '06), 16-18 October 2006, Bucharest, ISSN: 1790-5117, ISBN: 960-8457-54-8, <http://www.wseas.us/e-library/conferences/2006bucharest/papers/518-197.pdf>.

E. Brevete obținute în întreaga activitate

1. -

Data:
05.02.2019

Semnătura:

