

SOFIA ELENA COLESCA

MAIN FIELD OF INTERESTS

Quantitative Methods for Management, Green Economy, Digital Economy.

A. EDUCATION

- Ph.D. in Management (2000), The Bucharest University of Economic Studies, Romania (2000).
- Bachelor in Control and Computers (1991), Politechnical University of Bucharest, Romania (1991).

B. PROFESSIONAL EXPERIENCE

- Professor (2007-2018), Senior Lecturer (2004-2007), Lecturer (1999-2004) and Teaching Assistant (1995-1999) at Bucharest University of Economic Studies, teaching: Document Management, Simulation techniques in Public Administration, e-Government, Office Automation.

C. MEMBERSHIPS AND AFFILIATIONS

- Director of the *Research Centre on Public Administration and Public Services*
- Editor in chief of the journals
 - *Theoretical and Empirical Researches in Urban Management (SCOPUS indexed)*
 - *Management Research and Practice (Clarivate Analytics Emerging Citation indexed)*
- Member in the advisory committees of the journals
 - *Innovation, Quality, Prosperity*
 - *Management and Economics Review*
 - *Administratie si Management Public*
- Member of organising committee of the following conferences:
 - *International Management Conference, (www.conference.management.ase.ro).- ISI indexed*
 - *International Conference on Public Administration and Management (http://www.confcamp.ase.ro)*

E. PARTICIPATION IN RESEARCH PROJECTS

Participation in 23 research projects as director or member of the research team. A selection of the research project is:

- Virtual eco-innovation hub for increasing competitiveness in recycling waste electrical and electronic equipment - EcolnnEWaste (2014-2017) (member)
- Knowledge management in public sector, CNCSIS A, Code 1216/2006 (2006-2008) (project manager)
- Research on the development of competitive and intelligent cities in knowledge based societies, CEEX Modulul I, Code 2CEEX06-08-69 (2006-2008) (project manager)
- Research methods for Information technology evaluation, CNCSIS AT, Theme no.1, Code CNCSIS 123/2001 (2001-2002) (project manager)
- Vocational Education and Training for Quality of Life Through eHealthcare and Well-being, Leonardo da Vinci, SK/06/B/F/PP – 177443 (2006-2008) (Romanian project manager)
- Civical education for selective collection of waste in university campuses, Project PN II 92-110/2008 (2008-2010) (member)

G. PUBLICATIONS

Published books: 9

Published articles: 55

Published conference papers: 47

ISI h-index=8 / 639 citari in WOS
SCOPUS h-index=10 / 887 citari in SCOPUS
Google h-index=17 / 2144 citari in Google

G1. SELECTION OF ARTICLES:

- Androniceanu, A., Colesca, S.E. (2025). Triple Helix Model and Artificial Intelligence in Public Administration. **Central European Public Administration Review**, 23(2), 63–91.
- Ciocoiu Carmen Nadia, Radu Catalina, Colesca Sofia Elena, Prioteasa Adina (2024) Exploring the link between risk management and performance of MSMEs: A bibliometric review, **Journal of Economic Surveys**, 2024
- Pucleanu Florin, Colesca Sofia-Elena, Pacesila Mihaela, Burcea Gabriel, *Industry 4.0, Sustainability and Innovation at the crossroad: A review analysis*, **Management Research and Practice**, 2022, 14(3), pp. 47-69, FI:0.7
- Păceșilă, Mihaela, Colesca, Sofia Elena., *Insights on Social Responsibility of NGOs*, **Systemic Practice and Action Research**, 2020, 33(3), pp. 311–339
- Ciocoiu, C.N., Prioteasa, A.L., Colesca, Sofia Elena, *Risk management implementation for sustainable development of Romanian SMEs: A fuzzy approach*, **Amfiteatru Economic**, 2020, 22(55), pp. 726–741
- Colesca Sofia Elena, M. Pacesila, S. G. Burcea, Carmen Nadia Ciocoiu, A. M. Bugheanu, *Analysis of Passenger's Satisfaction with the Quality of the Public Transportation Mode Choices in Bucharest: A Fuzzy Approach*, **Economic Computation and Economic Cybernetics Studies and Research**, ISSN online 1842 – 3264, ISSN print 0424 – 267X, vol 51, issue 4, 2017
- Păceșilă M., Ciocoiu C. N., Colesca Sofia Elena., Burcea Ș. G., *Current Trends in WEEE Management in Romania*, **Theoretical and Empirical Researches in Urban Management**, vol 11, issue 4, nov 2016, pp. 46-60, <http://um.ase.ro/no114/4.pdf>
- Zamfir, Andreea; Colesca Sofia Elena; Corbos, Razvan-Andrei; Public policies to support the development of renewable energy in Romania: A review; **Renewable and Sustainable Energy Reviews**, Volume: 58 Pages: 87-106 , MAY 2016; ISSN: 1364-0321; <http://www.sciencedirect.com/science/article/pii/S1364032115016184>
- Pacesila, Mihaela; Burcea, Stefan Gabriel; Colesca Sofia Elena; Analysis of renewable energies in European Union; **Renewable and Sustainable Energy Reviews** Volume: 56 Pages: 156-170, APR 2016;ISSN: 1364-0321; <http://www.sciencedirect.com/science/article/pii/S1364032115012319>
- Ciocoiu Carmen Nadia, Colesca Sofia Elena, Rudareanu Costin, Popescu Maria Loredana; Management of waste electrical and electronic equipment in Romania: A mini-review; **Waste Management & Research**, Volume: 34 Issue: 2 Pages: 96-106, FEB 2016; Issn: 0734-242X; <https://www.ncbi.nlm.nih.gov/pubmed/26558822>
- Colesca Sofia Elena, Ciocoiu Carmen Nadia; An overview of the Romanian renewable energy sector; **Renewable and Sustainable Energy Reviews**, Vol. 24/2013, pp.149-158;ISSN: 1364-0321; <http://www.sciencedirect.com/science/article/pii/S1364032113002013>
- Colesca Sofia Elena, Ciocoiu Carmen Nadia; Popescu Maria Loredana; Determinants of WEEE Recycling Behaviour in Romania: A fuzzy Approach; **International Journal of Environmental Research**, Volume 8, Issue 2, Spring 2014, Page 353-366;ISSN 1735-6865; https://ijer.ut.ac.ir/article_726.html
- Colesca Sofia Elena; Understanding trust in e-government; **Engineering Economics**, Kaunas University of Technology, 2009 No. 3 (63), pp. 7-15. ISSN 1392-2785; <http://inzeiko.ktu.lt/index.php/EE/article/viewFile/11637/6319>

G2. SELECTION OF PAPERS IN CONFERENCES:

- Ștefănescu Mihaela Simona, **Colesca Sofia Elena**, Păceșilă Mihaela, Precup Ioana Maria, Hărățău Theodor, Proceedings of the International Conference on Business Excellence, 2023, Volume 17, pp. 1628-1644
- Bugheanu, Alexandru-Mihai; **Colesca, Sofia Elena** (2016); Public transport system challenges and the influence upon users satisfaction ; 10th International Management Conference: Challenges of modern management, November 03-04, 2016, : Bucharest, ROMANIA, pp.285-294, ISSN: 2286-1440, indexed ISI proceedings

- Rudareanu, Costin; Popescu, Maria-Loredana; Ciocoiu, Carmen Nadia; Colesca Sofia Elena; A SWOT Analysis of the Waste Electrical and Electronic Equipment Management in Romania; 25th International-Business-Information-Management-Association Amsterdam, NETHERLANDS, 07-08 Mai 2015 INNOVATION VISION 2020: FROM REGIONAL DEVELOPMENT SUSTAINABILITY TO GLOBAL ECONOMIC GROWTH, VOL I-VI, pp: 1612-1621, 2015; ISBN 978-0-9860419-4-5; indexed ISI;
- Pacesila Mihaela; Colesca Sofia Elena; Market and policy outlook for wind energy in Europe; 25th International-Business-Information-Management-Association Amsterdam, NETHERLANDS, 07-08 Mai 2015 INNOVATION VISION 2020: FROM REGIONAL DEVELOPMENT SUSTAINABILITY TO GLOBAL ECONOMIC GROWTH, VOL I-VI, pp: 45-49, 2015; ISBN 978-0-9860419-4-5; indexed ISI; <http://www.ibima.org/NL2015/papers/miha.html>
- Maria Loredana Popescu, Colesca Sofia Elena, Ciocoiu Carmen Nadia; Waste electrical and electronic equipment management in two EU developing countries: Romania and Bulgaria; The 8th International Days of Statistics and Economics, Prague, September 11–13, 2014, pp. 1218-1229; ISBN 978-80-87990-02-5; indexed ISI; https://msed.vse.cz/msed_2014/article/339-Popescu-Maria-Loredana-paper.pdf
- Alpopi Cristina, Colesca Sofia Elena; Indicators of sustainable development. A tool for urban management; Proceedings of the 7th International Conference of Management of Technological Changes, 1-3 September 2011, Alexandroupolis, Greece, Vol2. pg. 9-12; ISBN 978-960-99486-3-0; indexed ISI
- Colesca Sofia Elena; Evaluation of town halls websites. The case of Bucharest; Proceedings of the 15th International Business Conference, Kinross Information Management Association, Knowledge Management and Innovation: A Business Competitive Edge Perspective, Cairo, 6 – 7 November 2010, pp. 1228-1233; ISBN 978-0-9821489-4-5; indexed ISI
- Colesca Sofia Elena; Ciocoiu, Carmen Nadia; Assessment Of The Quality Of Public Libraries Websites; 17th International-Business-Information-Management-Association Conference Location: Milan, ITALY Date: NOV 14-15, 2011 CREATING GLOBAL COMPETITIVE ECONOMIES: A 360-DEGREE APPROACH, VOLS 1-4 Pages: 1875-1886 Published: 2011; ISBN 978-0-9821489-6-9; indexed ISI
- Dobrica Liliana, Ionescu Traian, Colesca Sofia Elena; Integration of GIS Components in Urban Management Applications; Proceedings of the 4th International Conference on Software and Data Technologies, Volume 2, Sofia, Bulgaria, July 26-29, 2009. INSTICC Press 2009, pag. 75-78; ISBN 978-989-674-010-8; indexed ISI
- Colesca Sofia Elena, Hincu Daniela, Stefan Ionela Georgiana; Integration of technology in learning. Blending learning experience in teaching Urban Management; Proceedings of the 6th International Conference of Management of Technological Changes, 3rd-5th September 2009, Alexandroupolis, Greece, pg. 219-222; ISBN 978-960-898328-1; indexed ISI
- Ciocoiu Laura, Olariu, Colesca Sofia Elena; Intelligent Idealization Control System; Proceedings of the 7th IFAC/IFORS/IMACS Symposium on Large Scale Systems: Theory and Applications, P.D.Roberts and J.E.Ellis (Eds.), Pergamon Press, Oxford, United Kingdom, July 11-13, 1995, Vol.1, pp 55-60; ISBN 0-08-042365-5; indexed ISI
- M. Păcesilă, Carmen Nadia Ciocoiu, Colesca Sofia Elena, Ș. G. Burcea; An Overview of Cost Benefit Analysis for WEEE Recycling Projects; Proceedings of the 9th International Management Conference - Management and Innovation for Competitive Advantage, 5th-6th November 2015, Bucharest, Edited by: I. Popa, C. Dobrin, C. N. Ciocoiu, Bucharest, Editura ASE; ISSN 2286-1440, ISSN-L 2286-1440; indexed ISI
- Ciocoiu Nadia Carmen, Colesca Sofia Elena, Burcea Stefan; An AHP Approach to Evaluate the Implementation of WEEE Management Systems; Recent Researches in Environment, Energy Planning and Pollution. Proceedings of the 5th WSEAS International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI '11), pp.233-238, 1-3 iulie 2011; ISBN: 978-1-61804-012-1; indexed SCOPUS;
- Ciocoiu Carmen Nadia, Hincu Daniela Liliana, Dobrea Razvan Catalin, Colesca Sofia Elena; Performance of WEEE Management System in Romania; 2nd International conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars (USCUDAR '11), Praga, 178-182, 22-26 septembrie 2011; 978-1-61804-037-4; indexed SCOPUS;