



## **VASILESCU Maria Denisa**

**CURRENT POSITION:** Associate Professor; Course Coordinator Econometrics

**AFFILIATION/DEPARTMENT:** Department of Statistics and Econometrics

**ORCID RESEARCHER ID:** <https://orcid.org/0000-0003-3074-8020>

**URL FOR PERSONAL WEBSITE:**

**LINKEDIN PROFILE:**

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### **PROFILE**

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Maria Denisa Vasilescu, PhD, is an Associate Professor in the Department of Statistics and Econometrics, where she has extensive teaching experience. She has taught a wide range of courses, including Statistics, Econometrics, and Macroeconomic Statistics, while also mentoring undergraduate students in their bachelor's theses. Dr. Vasilescu is dedicated to fostering a deep understanding of quantitative methods and their applications in economics among her students.

Her academic career is complemented by her role as a Senior Researcher at the National Scientific Research Institute for Labour and Social Protection, where she has participated in and managed numerous interdisciplinary research projects. Her work integrates advanced econometric and statistical tools to address labour market dynamics, income inequalities, and policy evaluation.

A passionate educator and mentor, she is committed to bridging the gap between theoretical knowledge and real-world applications, equipping students with the skills needed for professional and academic success.

Dr. Vasilescu's academic contributions also include developing innovative curricula, delivering impactful lectures, and publishing extensively in international journals. Her expertise in quantitative analysis and her dedication to academic excellence make her a valuable contributor to the academic and broader economic community.



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## EDUCATION

<b>Habilitation</b>	-
<b>Post-Doc</b>	-
<b>PhD (Doctorate)</b>	<b>2015</b> - PhD in Economic Cybernetics and Statistics, Bucharest University of Economic Studies, Bucharest
<b>Master</b>	-
<b>Bachelor</b>	<b>2007</b> - Bachelor's Degree in Economics, Faculty of Economic Cybernetics, Statistics and Informatics, Bucharest University of Economic Studies, Bucharest

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## PROFESSIONAL TRAINING

- 2009** - Non-parametric and Semi-parametric Regression, Essex Summer School, UK  
**2008** - Discrete Choice Models, Barcelona Microeconometrics Summer School, Spain  
**2008** - Dynamic Panel Data Models, Barcelona Microeconometrics Summer School, Spain  
**2008** - Introductory Econometrics, Utrecht Summer School, Netherlands  
**2008** - SPSS Advanced Analysis, IT Training, Romania

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## ACADEMIC EXPERIENCE

**2020 - Present - Associate professor, Lecturer (2017-2020), Assistant (2015-2017)** - Faculty of Economic Cybernetics, Statistics and Informatics, Department of Statistics and Econometrics, Bucharest University of Economic Studies, Romania

Courses Taught:

- Statistics
- Econometrics
- Macroeconomic Statistics

Main responsibilities:

- Teaching activities
- Coordination of bachelor thesis
- Participation in research projects
- Drafting of scientific papers, published in journals indexed in international databases
- Participation in academic workshops and conferences

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## RESEARCH PROFILE

My primary areas of interest include labour market analysis, policy impact evaluation, and evidence-



based recommendations. I focus on key topics such as minimum wage dynamics, earnings and employment trends, productivity and competitiveness, unemployment challenges, and improving labour market access for vulnerable groups. Additionally, I conduct complex research on labour demand forecasting, youth integration into the workforce, income inequalities, and discrimination. My expertise extends to analyzing the socio-economic effects of social and fiscal policies, enhancing labour market resilience, and exploring the implications of digitalisation on economic and social systems.

## LIST OF PUBLICATIONS

### **List of articles published in peer reviewed journals:**

1. Savastano, M., Anagnoste, S., Biclesanu, I. and Amendola, C. (2024), "The impact of e-commerce platforms' quality on customer satisfaction and repurchase intention in post COVID-19 settings", The TQM Journal, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/TQM-04-2024-0143>
2. Savastano, M., Biclesanu, I., Anagnoste, S., Laviola, F. and Cucari, N. (2024), "Enterprise chatbots in managers' perception: a strategic framework to implement successful chatbot applications for business decisions", Management Decision, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/MD-10-2023-1967>

### **List of papers published in conference proceedings:**

1. Maria Denisa Vasilescu, Stănilă, L., Popescu, M.E., Militaru E., (2024), Using panel data clustering regression analysis to revisit income inequalities in the European Union, Applied Economics Letters, DOI:10.1080/13504851.2024.2358186
2. Maria Denisa Vasilescu, Stănilă, L., Marin, E., Maftei, M., (2024), Work-Life Balance when Working from Home, Economic Computation and Economic Cybernetics Studies and Research, Vol. 58, Issue 1/2024, DOI: 10.24818/18423264/58.1.24.05
3. Belu M.B., Crivoi, S., Vasilescu Maria Denisa, Militaru, E., (2024), The analysis of the effects of income inequalities on the at-risk-of-poverty rate in the European Union, Theoretical and Applied Economics, Volume XXXI (2024), No. 1(638), Spring, pp. 57-68.
4. Apostu, S. A., Dimian, G. C., & Vasilescu, Maria Denisa (2024). An in-depth analysis of the relation of health and poverty in Europe. Panoeconomicus, 71(2):215-242, <https://doi.org/10.2298/PAN210622006A>
5. Maria Denisa Vasilescu, Stănilă, L., Cristescu, A., Militaru, E., (2023), Online Interaction With Public Authorities in the EU Countries: What Makes a Difference, in book: Digitalization, Sustainable Development, and Industry 5.0 (pp.189-207), Emerald Publishing Limited, DOI:10.1108/978-1-83753-190-520231011
6. Simona Andreea Apostu, Maria Denisa Vasilescu, Kiran Sood (2023), Gender Inequality In Management and Sustainable Competitiveness, In book: smart Analytics, Artificial Intelligence and



- sustainable Performance Management in a Global Digitalised Economy (pp.243–259), Publisher: Emerald Publishing Limited, DOI:10.1108/S1569-37592023000110A013
7. Maria Denisa Vasilescu, Gina Dimian, Giani Gradinaru, (2022), Green entrepreneurship in challenging times: a quantitative approach for European countries, *Ekonomika Istraživanja / Economic Research*, DOI: 10.1080/1331677X.2022.2093767
  8. Liviu-Stelian Begu, Maria Denisa Vasilescu, Erika Marin, Andreea-Oana Enache, Andreea Stroe, Razvan Vasile, (2022), Modeling the Relationship of the Migration Phenomenon and the Factors of Sustainable Development, *Economic Computation and Economic Cybernetics Studies and Research*, Issue 3/2022; Vol. 56, [http://ecocyb.ase.ro/nr2022\\_3/3.%20Begu%20Liviu,%20Erika%20Marin.pdf](http://ecocyb.ase.ro/nr2022_3/3.%20Begu%20Liviu,%20Erika%20Marin.pdf)
  9. Adriana Reveiu, Maria Denisa Vasilescu, Alexandru Banica, (2022), Digital divide across the European Union and labour market resilience, *Regional Studies*, DOI: 10.1080/00343404.2022.2044465, <https://www.tandfonline.com/doi/abs/10.1080/00343404.2022.2044465>
  10. Vasilescu, M. D., Apostu, S. A., Militaru, E., & Hysa, E. (2022). Public Opinion on European Health Policy, Lessons from the COVID-19 Pandemic. *International Journal of Environmental Research and Public Health*, 19(8), 4813, <https://pubmed.ncbi.nlm.nih.gov/35457679/>
  11. Simona Andreea Apostu, Maria Denisa Vasilescu, Ruxandra Chivu, (2022), Analysis Of The Migration Phenomenon Of Physicians From Romania, *Proceedings of the 39th IBIMA Conference*, <https://ibima.org/accepted-paper/analysis-of-the-migration-phenomenon-of-physicians-from-romania/>
  12. Dimian, G. C., Vasilescu, M. D., Apostu, S. A., Aceleanu, M. I., & Jablonsky, J. (2021). Analysis of the Europeans' attitudes towards vaccination in the context of the Covid-19 Pandemic: implications for public health policy. *Ekonomický časopis*, 69(10), 997–1016, [https://www.zbw.eu/econis-archiv/bitstream/11159/8779/1/1810215978\\_0.%2520%2B%2520SR.pdf](https://www.zbw.eu/econis-archiv/bitstream/11159/8779/1/1810215978_0.%2520%2B%2520SR.pdf)
  13. Gina Dimian, Simona Andreea Apostu, Maria Denisa Vasilescu, Mirela, Aceleanu, Josef Jablonsky, „Vulnerability and Resilience in Health Crises. Evidence from European Countries”, *Technological and Economic Development of Economy*, Vol 27, Issue 4, pag 783–810, 2021, DOI: 10.3846/tede.2021.14753, ISSN 2029–4913, <https://journals.vilniustech.lt/index.php/TEDE/article/view/14753>
  14. Mihaela Ghența, Aniela Matei, Luise Mladen-Macovei, Maria Denisa Vasilescu, Elen-Silvana Bobârnat, Sustainable Care and Factors Associated with Quality of Life among Older Beneficiaries of Social Services, *Sustainability*, Sustainability 2021, 13(3), 1572; <https://doi.org/10.3390/su13031572>
  15. Larisa Stanila, Maria Denisa Vasilescu, Eva Militaru, Investigating Labor Market Discrimination in Romania, *Sustainability* 2020, 12(12):4983, ISSN: 2071–1050, DOI: 10.3390/su12124983, <https://www.mdpi.com/2071-1050/12/12/4983>
  16. Maria Denisa Vasilescu, Andreea Claudia Serban, Gina Dimian, Mirela Ionela Aceleanu, Xose Picatoste, Digital divide, skills and perceptions on digitalisation in the European Union—Towards a smart labour market, *PLoS ONE* 2020, 15(4):e0232032, DOI: 10.1371/journal.pone.0232032
  17. Vasilescu Maria Denisa, Marin Erika, Begu Liviu Stelian, Enache Andreea, (2020), Perceptions about immigrants and their integration in the European Union, *Economic Computation and Economic Cybernetics Studies and Research*,



- [http://www.ecocyb.ase.ro/nr2020\\_4/7.%20Vasilescu%20Maria,%20Liviu%20Begu,%204,2020%20\(T\).pdf](http://www.ecocyb.ase.ro/nr2020_4/7.%20Vasilescu%20Maria,%20Liviu%20Begu,%204,2020%20(T).pdf)
18. Madalina Ecaterina Popescu, Eva Militaru, Larisa Stanila, Maria Denisa Vasilescu, Amalia Cristescu, Flat-rate versus progressive taxation? An impact 2 evaluation study for the case of Romania, Sustainability, 2019, Volume 11, Issue 22, pag 6405–6421, ISSN: 2071-1050, <https://www.mdpi.com/2071-1050/11/22/6405>
  19. Maria Denisa Vasilescu; Begu LS., Youth reservation wages in Romania: are wage expectations realistic?, Applied Economics Letters, 2019, Vol 26, Issue 14, pag 1147–1161, DOI: 10.1080/13504851.2018.1540838, <https://www.tandfonline.com/doi/full/10.1080/13504851.2018.1540838>
  20. Eva Militaru, Madalina Ecaterina Popescu, Amalia Cristescu, Maria Denisa Vasilescu, Assessing Minimum Wage Policy Implications upon Income Inequalities. The Case of Romania, Sustainability 2019, Volume 11 Issue 9, pag 2542–2562; <https://doi.org/10.3390/su11092542>, <https://www.mdpi.com/2071-1050/11/9/2542>
  21. Vasilescu Maria Denisa, Gina Dimian, Amalia Cristescu, Analysis of the perception about the gender pay gap in the EU Member States, Proceedings of the 13th International Conference on Applied Statistics, Bucuresti, Romania, iunie 2019, ISSN 2668-6309, <http://simpstat.ase.ro/wp-content/uploads/2019/11/ICAS2019-Conference-Volume.pdf>
  22. Militaru, E; Vasilescu, Maria Denisa; Cristescu, A; Popescu, ME, The Relationship between Self-Perceived Health and Labour Market Outcomes in Romania, Economic Computation and Economic Cybernetics Studies and Research, 2018, Volume: 52 Issue: 4 Pag: 177–191, DOI: 10.24818/18423264/52.4.18.12, [http://www.ecocyb.ase.ro/nr2018\\_4/12%20-%20Militaru%20Eva,%20Maria%20Vasilescu.pdf](http://www.ecocyb.ase.ro/nr2018_4/12%20-%20Militaru%20Eva,%20Maria%20Vasilescu.pdf)
  23. Popescu, ME; Militaru, E; Cristescu, A; Vasilescu, Maria Denisa; Matei, MMM, Investigating Health Systems in the European Union: Outcomes and Fiscal Sustainability, Sustainability, 2018, Volume 10, Issue 9, pag 3186–3214, DOI: 10.3390/su10093186, <https://www.mdpi.com/2071-1050/10/9/3186>
  24. Liviu Stelian Begu, Maria Denisa Vasilescu, Larisa Stanila, Roxana Clodnitchi, China-Angola Investment Model, Sustainability, 2018, Vol 10, Issue 8, pag 2936–2953; doi: 10.3390/su10082936, <https://www.mdpi.com/2071-1050/10/8/2936>
  25. Dima, A.M.; Begu, L.; Vasilescu, M.D.; Maassen, M.A., The Relationship between the Knowledge Economy and Global Competitiveness in the European Union, Sustainability, 2018, Volume 10, Issue 6, pag. 1706–1721, <https://doi.org/10.3390/su10061706>, <http://www.mdpi.com/2071-1050/10/6/1706>
  26. Begu L.S, VASILESCU, M.D. 2017, School-to-Work Transition: European Youth's Perception of Labour Market Opportunities, Economic Computation and Economic Cybernetics Studies and Research, Issue 1/2017, Vol. 51, pp 5–20, [http://www.ecocyb.ase.ro/nr2017\\_1/01%20-%20Begu%20Stelian%20,%20final%20\(T\).pdf](http://www.ecocyb.ase.ro/nr2017_1/01%20-%20Begu%20Stelian%20,%20final%20(T).pdf)
  27. Maria Denisa VASILESCU, Amalia Cristescu, The Determinants of Youth Integration in the Romanian Labour Market, Journal of Eastern Europe Research in Business and Economics, Vol. 2017(2017), Article ID 356502, DOI: 10.5171/2017.356502, <https://ibimapublishing.com/articles/JEERBE/2017/356502/>
  28. Maria Denisa VASILESCU, Simona Andreea Apostu, The role of reservation wage in the intention to



- migrate: the case of Romanian youth – 30th IBIMA Conference, Madrid, Spain, 2017, Pages: 5566–5575, WOS:000443640504042, (ISI Proceeding) ISBN 978-0-9860419-8-3,  
<https://ibima.org/accepted-paper/the-role-of-reservation-wage-in-the-intention-to-migrate-the-case-of-romanian-youth/>
29. Roman, M, VASILESCU, M.D., Explaining the Migration Intentions Of Romanian Youth: Are Teenagers Different?, *Romanian Statistical Review*, Nr 4/2016, pp 69–86, 2016,  
[http://www.revistadestatistica.ro/wp-content/uploads/2016/12/RRS4\\_2016\\_A5.pdf](http://www.revistadestatistica.ro/wp-content/uploads/2016/12/RRS4_2016_A5.pdf)
30. Madalina Ecaterina Popescu, Amalia Cristescu, Larisa Stanila, Maria Denisa VASILESCU, Determinants of Undeclared Work in the EU Member States, *Procedia Economics and Finance*, Volume 39, 2016, pp 520–525, ISSN 2212-5671, <http://www.sciencedirect.com/science/article/pii/S2212567116302945>
31. Maria Denisa VASILESCU, Larisa Stănilă, Amalia Cristescu, Mădălina Ecaterina, A survey-based analysis of undeclared work in Romania, *Theoretical and Applied Economics*, Supplement „Conference Development as purpose of human action. The new challenges for Economics”, Volume XXIII, Special Issue/2016, Spring, pag 63–72, 2016, ISSN 1841-8678, (RePEc, EBSCO, CORE, DOAJ, GetInfo), [http://store.ectap.ro/suplimente/International\\_Conference\\_Development\\_as\\_purpose\\_of\\_human\\_action\\_nov\\_2015.pdf](http://store.ectap.ro/suplimente/International_Conference_Development_as_purpose_of_human_action_nov_2015.pdf)
32. Maria Denisa VASILESCU, Amalia Cristescu, The Determinants of Youth Unemployment: A Microeconomic Approach, 28th IBIMA Conference (The 28th International Business Information Management Association Conference), *Vision 2020: Innovation Management, Development Sustainability, and Competitive Economic Growth*, 9–10 noiembrie 2016, Sevilla, Spain, pp 1361–1370, ISBN: 978-0-9860419-8-3, (ISI Proceedings), <https://ibima.org/accepted-paper/the-determinants-of-youth-unemployment-a-microeconomic-approach/>
33. Cristescu, A., Stanila. L., Popescu, M.E., VASILESCU, Maria Denisa, Labour Market Analysis in the Central and Eastern European Countries, *Journal of Eastern Europe Research in Business & Economics*, Vol. 2015 (2015), IBIMA Publishing, DOI: 10.5171/2015.546201, (EBSCO–Publishing, ProQuest, Cabell's Directory), <http://www.ibimapublishing.com/journals/JEERBE/2015/546201/546201.pdf>
34. VASILESCU, Maria Denisa, Stănilă, L., Cristescu, A., The evolution of earnings inequality in Romania, *Romanian Journal of Economics*, Volume 39, Issue/no. 2(48), pp. 88–99, 175 pg., 2014, ISSN 1220-5567, <http://www.revecon.ro/articles/2014-2/2014-2-6.pdf>
35. Cristescu, A., Stănilă, L. VASILESCU, Maria Denisa, Earnings Analysis at Industry Level, *Theoretical and Applied Economics*, Vol 21, Nr 1, pag 27–36, 2014, ISSN 1841-8678, <http://store.ectap.ro/articole/940.pdf>
36. VASILESCU, Maria Denisa, Stănilă, L., Cristescu, A., Popescu M.E., Income inequalities in the EU countries based on panel data models, în volumul conferinței internaționale „International Multidisciplinary Scientific Conferences on Social sciences and ArtsSeptember”, 2–7 septembrie 2014, Varna, Bulgaria, Vol. 4, pp 341–348, ISBN 978-619-7105-28-5/ ISSN 2367-5659, (ISI Proceedings), <http://sgemsocial.org/ssgemlib/spip.php?article880>
37. VASILESCU, Maria Denisa, Popescu, M.E., Cataniciu, N., Migration and earnings in Romania, *Procedia – Social and Behavioral Sciences*, Vol 143C, pp. 1106–1111, 2014,  
[http://authors.elsevier.com/trackpaper.html?add\\_art=myarticles&from\\_source=notlogged&trk\\_ar](http://authors.elsevier.com/trackpaper.html?add_art=myarticles&from_source=notlogged&trk_ar)



- title=SBSPRO18469&trk\_surname=Ecaterina+popescu&send.x=42&send.y=5
38. VASILESCU, Maria Denisa, Stănilă, L., Pîrciog, S., Estimating Labour Demand in Romania, Proceedings of the 13th International Conference on Informatics in Economy, România, 2014, ISSN: 2247 – 1480, [http://www.conferenceie.ase.ro/?page\\_id=385](http://www.conferenceie.ase.ro/?page_id=385)
39. L. Stanila, VASILESCU, Maria Denisa, A. Cristescu, M. E. Popescu, Determinants of Earnings Inequality- Case Study for Romania, International Journal of Business and Social Science, Vol. 5, No 9(1); August 2014, [http://ijbssnet.com/journals/Vol\\_5\\_No\\_9\\_1\\_August\\_2014/23.pdf](http://ijbssnet.com/journals/Vol_5_No_9_1_August_2014/23.pdf)
40. VASILESCU, Maria Denisa, Stănilă, L., Cristescu, A., Gender differences in Romanian earnings: determinants and evolution, Conferința internațională „Sustainable Development in Conditions of Economic Instability”, 3rd edition, Satu-Mare, România, 2014, <http://conferinta.academiacomerciala.ro/CD2014/articole/4/GENDER%20DIFFERENCESVasilescuCristescu.pdf>
41. Cristescu, A., VASILESCU, Maria Denisa, Stănilă, L., The analysis of regional earnings inequalities in Romania, Theoretical and Applied Economics, Vol 21, Nr 8, pag 7-18, 2014, ISSN 1841-8678, <http://store.ectap.ro/articole/1006.pdf>
42. Cristescu A., VASILESCU, Maria Denisa, Stănilă. L., Andreica, M.E., Regional analysis of the real earnings in Romania, Romanian Journal of Regional Science, Vol.7, Nr. 2, (winter edition), pag. 58-79, 2013, ISSN 1843-8520, <http://www.rrsa.ro/rjrs/V724.Cristescu.pdf>
43. VASILESCU, Maria Denisa, Youth Labour Market Analysis, International Journal of Business and Management, Vol. 1/2013, pag 37-57, 2013, ISSN: 2336-2197, <http://www.iises.net/journals/international-journal-of-business-and-management-research/list-of-issues/ijobm-vol-i-no-1-2013/youth-labour-market-analysis/>
44. Mihai Daniel Roman, VASILESCU, Maria Denisa, Romanian labour market efficiency analysis, Proceedings of „The 1st WSEAS International Conference on Mathematics, Statistics & Computer Engineering”, pag 81-85, ISBN: 978-960-474-305-6, Croația, 2013, <http://www.wseas.us/e-library/conferences/2013/Dubrovnik/MATHMECH/MATHMECH-11.pdf>
45. VASILESCU, Maria Denisa, Labour market efficiency of the EU member states, The Eighth International Conference on Economic Cybernetic Analysis: Development and Resources, București, România, ISSN: 2247-1820, pag 265-272, 2013, <http://www.asecib.ase.ro/simpozion/2013/program2013.pdf>
46. VASILESCU, Maria Denisa, Aparaschivei, L., Roman, M., Employment in Romania: Evidence from a panel data analysis, International Journal of Social Science Tomorrow, Vol. 1, Nr. 2, pp. 1-13, 2012, ISSN: 2277-6168, <http://econpapers.repec.org/paper/pramprapa/38388.htm>
47. Aparaschivei, L., VASILESCU, Maria Denisa, Estimating labour supply for the E.U. members, Journal of management systems – Supplement “Quality – access to success”, Vol. 13, pag. 635-642, 2012, ISSN: 1582-2559 [https://www.srac.ro/calitatea/arhiva/supliment/S3\\_Q-as\\_Contents\\_July\\_2012.pdf](https://www.srac.ro/calitatea/arhiva/supliment/S3_Q-as_Contents_July_2012.pdf)
48. VASILESCU, Maria Denisa, Analiza inegalității veniturilor în statele membre ale Uniunii Europene, Studii și cercetări de calcul economic și cibernetică economică, Vol 46, Nr 3-4, pag 99-109, ISSN 0585-7511, 2012.
49. VASILESCU, Maria Denisa, A review of labour supply models, The Seventh International Conference on



- Economic Cybernetic Analysis: The New Economic Crisis – Evolution and recovering ways, București, România, pag 278-290, ISSN: 2247-1820, 2012, <http://www.asecib.ase.ro/simpozion/2012/program.pdf>
50. VASILESCU, Maria Denisa, Aparaschivei, L., Pîrciog, S., Factors influencing employment in the EU, Recent Researches in Applied Informatics – Proceedings of the 2nd International Conference on Applied Informatics and Computing Theory (AICT), Praga, Cehia, 2011, pag. 237-241, ISBN: 978-1-61804-034-3, <http://www.wseas.us/e-library/conferences/2011/Prague/AICT/AICT-40.pdf>
51. Aparaschivei, L, VASILESCU, Maria Denisa, Cătănciu, N., The impact of investments and gross value added upon earnings, Theoretical and Applied Economics, Vol. XVIII, Nr. 2 (555), 2011, pag. 207-218, ISSN 1841-8678, (RePEc, EBSCO, CORE, DOAJ, GetInfo), <http://store.ectap.ro/articole/568.pdf>
52. VASILESCU, Maria Denisa, The determinants of income inequality: evidence from the E.U. member states, Supliment al revistei „Quality – access to succes”, Journal of management systems, vol. 12, nr. 123, pg. 61-66, 2011, ISSN: 1582-2559, <http://connection.ebscohost.com/c/articles/65564483/determinants-income-inequality-evidence-from-e-u-member-states>

**List of books & book chapters:**

1. Daniela Pasnicu, Eva Breuer, Denisa Vasilescu, Amalia Cristescu, Speranta Pirciog, Adriana Davidescu, Transnational benchmark analysis. Labour market conditions including identification of qualification and support demand, 2021, Editura Universitara, ISBN: 978-606-28-1373-4, DOI: <https://doi.org/10.5682/9786062813734>
2. Vasilescu Maria Denisa, Econométrie. Théorie et applications sous Excel et Eviews, 2019, DOI: 10.5682/, ISBN 978-606-28-0874-7, Editura Universitara, Bucuresti, [https://www.editurauniversitara.ro/carte/economie\\_generala-4/conomtriethorie\\_et\\_applications\\_sous\\_excel\\_et\\_eviews/11790](https://www.editurauniversitara.ro/carte/economie_generala-4/conomtriethorie_et_applications_sous_excel_et_eviews/11790)
3. Vasilescu Maria Denisa (coord.), Militaru, E., Popescu, M.E., Cristescu, A., Maer Matei, M.M., Starea de sănătate a populației și participarea pe piața muncii, 2018, Editura Universitară, București, 127 pag, ISBN 978-606-28-0835-8
4. Vasilescu Maria Denisa, Piața forței de muncă din România. Caracteristici și dezechilibre, 2015, Editura Universitară, ISBN 978-606-28-0345-2, 142 pag, [http://www.editurauniversitara.ro/carte/economie\\_generala-4/piata\\_fortei\\_de\\_munca\\_din\\_romania\\_\\_caracteristici\\_si\\_dezechilibre/11236](http://www.editurauniversitara.ro/carte/economie_generala-4/piata_fortei_de_munca_din_romania__caracteristici_si_dezechilibre/11236)
5. Davidescu, Cătălin Ghinăraru, Evaluări ale dimensiunii muncii nedecarate. Abordări micro și macroeconomice, 2015, 144 pag, Ed. Universitară ISBN 978-606-28-0344-5, [http://www.editurauniversitara.ro/carte/economie\\_generala-4/evaluari\\_ale\\_dimensiunii\\_muncii\\_nedecarate\\_abordari\\_micro\\_si\\_macroeconomice/11246](http://www.editurauniversitara.ro/carte/economie_generala-4/evaluari_ale_dimensiunii_muncii_nedecarate_abordari_micro_si_macroeconomice/11246)
6. Popescu, M.E. (coord.), Stanila, L., Cristescu, A., Vasilescu, M.D., Cataniciu, N., Rolul salariului minim și tendințe ale performanței pieței muncii, Editura Universitară, 2015, 120 pag, ISBN 978-606-28-0250-9, [http://www.editurauniversitara.ro/carte/economie\\_generala-4](http://www.editurauniversitara.ro/carte/economie_generala-4)



4/rolul\_salariului\_minim\_si\_tendinte\_ale\_performantei\_pietei\_muncii/11150

## SCIENTIFIC COMMITTEES OF ACADEMIC JOURNALS / CONFERENCES, REVIEW

Reviewer for international journals:

- Applied Economics Letters (<https://www.tandfonline.com/journals/rael20>)
- Sustainability (<https://www.mdpi.com/journal/sustainability>)
- Frontiers in Public Health (<https://www.frontiersin.org/journals/public-health>)
- Social Sciences (<https://www.mdpi.com/journal/socsci>)
- Journal of Social and Economic Statistics (<https://sciendocom/journal/JSES>)

## PROJECTS

### Projects – as project manager

*Social inequalities and vulnerable groups in contexts of crisis - PN 22100201*

*The relationship between health and labour market participation. Implications on income. (Corelația dintre starea de sănătate a populației și participarea pe piața muncii. Implicații asupra veniturilor) PN 18420202*

*Wage setting mechanisms to stimulate the insertion of young people into the labour market (Mecanisme de stabilire a nivelului salarial de stimulare a inserției tinerilor pe piața muncii) PN 16440304*

*Wage inequalities in Romania (Studiul inegalităților salariale din România) PN-09-420113*

### Projects – as a team member (researcher/expert)

*Modelling the dynamics of earnings and labour costs PN 09-420106*

*Impact models of minimum wage on employment and wage policy at firm level PN II 91-036/2007*

*Productivity, wages, employment and the connection between them from the perspective of EU integration 2-CEX 06-8-70*

*The impact of wage policy on labour costs PN 06-370105*

*Matching the educational supply of vocational and professional training with the labour market demand POSDRU/55/1.1/S/37932 - expert*

*Knowing the level of VET graduates' employability - a new approach of the educational offer POSDRU/90/2.1/S/50820 - expert*

*Step by step towards working life POSDRU/90/2.1/S/53676 - expert*

*Monitoring the employability of graduates of vocational and technical education in order to improve the educational offer POSDRU/90/2.1/S/58651 - expert*

*Forecasts of occupations in Romania in the new economy PN 92-098*

*Motivation policies and human resources performance in public administration PN 09-420303*

*Evaluating the impact of the economic crisis on employment and labour productivity PN 09-420110*

*Determinants of employment growth PN-09 420112*



*Analysis of the labour taxation system from the perspective of assessing the impact of labour taxation on the labour market PN-09 420116*

*Undeclared work – quantification techniques. Analysing the undeclared work – labour cost relationship PN-09 420125*

*Possible policy approaches at EU and national level in the perspective of the Romanian Presidency of the Council of the European Union PSCD/22.09.2018*

*Agenda for competences ROMANIA 2020-2025, PSCD/30.09.2018*

*Understanding and modelling time-space patterns of psychology-related inequalities and polarization, PN-III-P4-ID-PCCF-2016-0084*

*Models for evaluating the impact of social and fiscal policy on income inequalities in Romania PN 16440202*

*Economic and social analysis on employment 2014-2020, PSCD/22.09.2018*

*Integrated system for reducing poverty and social exclusion in rural areas, PSCD*

*Inequality and income instability, discrimination, and vulnerability. Implications for welfare and the role of public policies PN 191302020*

*New approaches regarding the evaluation of the wage and fiscal policies in Romania. Models, simulations and design of a decision support system PN-19130103*

*Quality of life of dependent elderly people in Romania, PSCD 3676/28.09.2018*

*Functional perspectives of the local labor markets in Romania, in the context of smart and innovative economy, PN 19-13-0101/2019*

*Integrated capacity building and training programme for Danube area labour and business support organisations, local industry and entrepreneurs to enter innovative transnational value CHAINS as PEER-level collaboration partners DanubePeerChains, Danube Transnational Programme, Parteneriat Business Upper Austria (Lead Partner)*

*Understanding and modelling time-space patterns of psychology-related inequalities and polarization, PN-III-P4-ID-PCCF-2016-0084.*

*Development, stimulation and efficiency of work through temporary work agent and professional training services for a competitive and high-performance labor market, MySmis 129752*

*Evaluations of the monetary and non-monetary returns of education on the labor market in Romania - PN 19130301*

*Income inequality and instability, discrimination and vulnerability. Welfare implications and the role of public policies - PN 19130202*

*Agenda for skills ROMANIA 2020-2025, (PSCD/30.09.2018) Sectoral Plan of the Ministry of Labor and Social Justice*

*Functional perspectives of local labor markets in Romania, in the context of the intelligent and innovative economy - PN 19130101*

*New approaches regarding the evaluation of salary and tax policies in Romania. Models, simulations and decision support system design - PN 19130103*

*New skills for a new labour market - PN 19130303*



*Support for developing an indexation mechanism and piloting a new payment method for social assistance benefits in Romania – European Commission through the Structural Reform Support Service – SRSS/SC2019/040/ Outcome 1 (indexation mechanism)*

*Regular maintenance of the EUROMOD tax-benefit microsimulation model and preparation of its transfer to the European Commission”, Service Contract (Ref. No. VC/2019/0805)*

*Implementation of the Evaluation Plan of the Competitiveness Operational Program 2014-2020, Lot 1: Evaluation of POC interventions in the field of research-development-innovation – Ministry of European Funds (Contract no. 16182/26.02.2020)*

*Implementation of the Evaluation Plan of the Human Capital Operational Program 2014-2020. Evaluation of employment interventions – Ministry of European Funds (Contract no. 3/295/24.04.2019)*

*Implementation of the Partnership Agreement Evaluation Plan – Phase 2, Lot 1: Evaluation of the contribution to economic, social and territorial cohesion – Theme A – Ministry for Investments and European Projects (Contract no. 83996/26.08.2021)*

*ReCONNECT – Adaptation to Change – Integrated Mechanism for Anticipation, Monitoring, Evaluation of the Labor Market and Education*

*Study on the development of an objective wage-setting mechanism for establishing the gross minimum wage in Romania. Proposal for a mechanism for monitoring and evaluating the economic and social effects – Ministry of Labor and Social Solidarity (Contract no 69/29.12.2022)*

## OTHER RELEVANT PROFESSIONAL EXPERIENCE

**2014 – Present** – Senior researcher. Junior researcher (2009–2014), Assistant researcher (2007–2009) – National Scientific Research Institute for Labour and Social Protection, Bucharest, Romania

Main responsibilities as a senior researcher:

- Labour market policies and their impact evaluation upon employment, unemployment, and the level of competencies of the workforce
- Fiscal and social policies and their impact on inequalities
- Impact analysis of the minimum wage on income distribution, employment, poverty and productivity
- Active labour market policy recommendations and impact evaluation
- Research, development and innovation policy and impact evaluation of the National RDI Strategy for 2014–2020
- Elaboration of methodologies for impact evaluation, testing and validation
- Administrative data analysis or survey data (official: EU-SILC, LFS, HBS, SES or collected within INCSMPS), using dedicated statistical software (Stata, SPSS, EViews)
- Social and economic indicators analysis
- Studies using data-mining techniques to diagnose labour market performances
- Econometric analysis (regression analysis, panel data models, logistic regression)
- Studies and forecasts on labour market evolutions (elaboration of forecasting models for labour demand and supply, medium-term forecasts)



- Drafting of scientific papers, published in journals indexed in international databases
- Participation in national and international academic conferences and workshops

## PROFESSIONAL ASSOCIATIONS AND MEMBERSHIPS

**2020 – Present** – Member of the Romanian Statistical Society

## LANGUAGES

**English** – Advanced

**French** – Advanced

## SKILLS

**Strong Public Speaking Skills:** Delivered presentations and lectures to students, explaining complex econometric and statistical concepts clearly and engagingly.

**Mentorship:** Supervised and provided guidance to undergraduate students on their bachelor's theses, improving their analytical skills and academic performance.

**Policy Analysis Expertise:** Developed recommendations for active labour market policies and fiscal measures, focusing on reducing inequalities and fostering workforce integration.

**Quantitative Research Proficiency:** Applied advanced statistical tools like STATA, SPSS, R, and EViews to analyze large datasets and develop robust policy evaluations.

**Advanced Analytical Thinking:** Designed econometric models to evaluate labour market dynamics, such as wage policy impacts and employment trends, for academic and policy-making purposes.

**Team Leadership:** Coordinated multidisciplinary teams in several national research projects, ensuring timely delivery and impactful results.

**Effective Time Management:** Managed concurrent teaching, research, and administrative responsibilities, ensuring high-quality output in all areas.

**Planning and Organizational Skills:** Successfully managed complex projects with multi-year timelines, such as evaluating fiscal policy impacts on income inequalities.

**Adaptability:** Gained from participating in international training programs and summer schools, enhancing the ability to work in diverse cultural and professional settings.