Lista de lucrări

Numele şi prenumele Madaras Szilárd

A. Teza de doctorat

Titlu: Studiul ocupării forţei de muncă în condiţiile integrării României în Uniunea Europeană. Studiu de caz: Regiunea Centru

Facultatea de Ştiinţe Economice şi Gestiunea Afacerilor, Şcoala Doctorală, Universitatea Babeş-Bolyai, Cluj-Napoca, România.

B. Cărti publicate

1. Madaras Szilárd (2020) Innováció menedzsment, Presa Universitară Clujeană, ISBN 978-606-37-0977-1

2. Madaras Szilárd (2022) Szakértői Rendszerek (Expert Systems - in Hungarian), Editura Risoprint, Cluj-Napoca ISBN: 987-973-53-2896-2, http://www.risoprint.ro/ebooks/szakertoi

B6. Capitole de cărţi publicate în ţară şi în străinătate

1. Bíró Bíborka Eszter - Madaras Szilárd (2018) A deviza alapú kölcsönök helyzete Romániában. In Kiss Zoltán László et al. (2018) *Devizahitel? Tanulmányok, esszék, vitairatok a "speciális banki termékről"*. Budapest: Rejtjel Kiadó, pp. 333-350. ISBN 978-615-5737-02-2

2. Benedek József (Coord.) Bíró-Bíborka-Eszter, Madaras Szilárd: *România gazdasági szerkezete, (Capitol, p229-243 din cartea), România. Tér, gazdaság, társadalom*, Editura Institutului pentru Studierea Problemelor Minorităţilor Naţionale: Kriterion, Cluj – Napoca, 2011 ISBN 978-606-92744-6-0

3. Cseke P. (szerk.), Madaras Sz. (2009) „*A foglalkoztatási helyzet és fejlesztési lehetőségek Gyergyó kistérségben*", -Capitolul, Kistérségek – nagy remények?, -(limba maghiară), Editura Komp-Press, Cluj Napoca, 2009, ISBN: 9789731960081, 2009

4. Fogarasi József, Bakucs Lajos Zoltán (Coord.) Madaras Szilárd, Szőcs Emese (2022): *Assessing the role of the agricultural sector in the Romanian economy applying input-output analysis*, in: Economic transformation and agri-rural economics. Essays in the honour of Mária Vincze, (Ed. Fogarasi József, Bakucs Lajos Zoltán, Center for Economic and Regional Studies, Institute of Economics, Eötvös Loránd Research Network, Budapest, 2022, pg. 109-120.

5. Nagy B. Zs. (szerk.), Madaras Sz. (2022) *A romániai Központi Régió foglalkoztatási helyzete, a 2020-as év kihívásainak tükrében*, (Capitol, p240-247 din cartea), Tiszteletkötet Vincze Mária professzor 80. Születésnapjára, Editura Top Invest, Odorheiu Secuiesc, 2022 ISBN 978-606-8775-73-9

6. Nagy B.(szerk.), Lázár Ede, Madaras Szilárd, *IT-adaptáció a romániai KKV-szegmensben*, CSíki Közgáz, 20 éves a közgazdaságtan oktatás a csíkszeredai Sapientián, 2023: 139-154

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Zoltán Bujdosó, János Pénzes, Szilárd Madaras, Lóránt Dávid, *The Spatial Pattern of KIBS and their Relations with the Territorial Development in Romania*, Amfiteatru Economic, Vol. 18, No 41, 2016, pp. 73–88.
2. Lázár, E., & Madaras, S. (2024). ERP adoption of SMEs in Romania: An IT innovation step or a business transactional necessity?. *Acta Oeconomica*, *74*(4), 557-574.
3. Madaras, S., & Sándor, Z. (2025). A Reassessment of Likelihood Approximation by Integration on Sparse Grids. *Journal of Applied Econometrics*, *40*(2), 237-245.
4. Berényi, L., Lázár, E., & Madaras, S. (2025). ChatGPT acceptance among students: an information system view. *Education Sciences*, *15*(11), 1464.

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

1. Vincze, Maria-Magdolna, Madaras, Szilard, Analysis Of The Romanian Agriculture In The Period Of Transition, Based On The National Accounts, *Bulletin of the Szent István University*, Special Issue, Part I, 2008
2. Györfy Lehel, Madaras Szilárd (2020) Influencing Factors of the Informal Investment in Central Europe, Economics and Business 34 (1), 78-91
3. Madaras Szilárd (2024) Deep Learning Algorithm Forecasting the Unemployment Rates in the Central European Countries, Economics and Business 38, 86-102

C4. Lucrări ştiinţifice publicate în reviste din ţară, recunoscute CNCSIS (altele decât cele din baze de date internaţionale)

1. Madaras Szilárd (2006) *Gyergyó kistérség helyezetelemzése*, Közgazdász Fórum, Nr. 8/2006., Cluj-Napoca, ISSN 1582-1986
2. Madaras Szilárd (2008) *Az európai foglalkoztatáspolitika regionális vonatkozásai*, Közgazdász Fórum, Nr. 9/2008, Cluj-Napoca, ISSN 1582-1986
3. Madaras Szilárd (2009) *A munkanélküliségi helyzet elemzése Központi Régió megyéiben*, Közgazdász Fórum, Nr. 5/2009, Cluj-Napoca, ISSN 1582-1986
4. Madaras Szilárd (2014) *A gazdasági válság hatása a munkanélküliség alakulására országos és megyei szinten Romániában*, Közgazdász Fórum, Nr. 1-2/2014, Cluj-Napoca, ISSN 1582-1986

5. Bujdoso, Z., Pénzes, J., Madaras, S., David, L., (2015*), Analysis of the spatial trends of Romanian tourism between 2000-2012,* Geographia Technica, Vol. 10, Issue 2, 2015, pp. 9-19

6. Szilárd Madaras, Lehel Györfy, (2017) *Factors Influencing NUTS3 Level Regional Competitiveness in Center Region,* Romanian Journal of Regional Science, Vol. 2017, No Vol. 11, No.2, 2017, pp. 47–61.,

7. Szilárd Madaras, (2018) *Forecasting the regional unemployment rate based on the Box-Jenkinsmethodology vs. the Artificial Neural Network approach. Case study of Brasov and Harghita counties,* Forum on Economics and Business, Vol. 135, No 21, 2018, pp. 66–78.,

8. Szilárd Madaras, (2019) *The Spatial Differences of Employment between the Settlements of Harghita County*, Acta Universitatis Sapientiae European and Regional Studies, Vol. 15, No 2, 2019, pp.65–82.,

9. Lehel Györfy, Szilárd Madaras (2019) *The Influence of Self-Employment on Early-Stage Entrepreneurship in Romania. A Global Entrepreneurship Monitor-Based Analysis*, Acta Universitatis Sapientiae Economics and Business, Vol. 7, No 1, 2019, pp. 23–35.

10. Szilárd Madaras, Ottilia György (2020) *Factors Influencing SME Outsourcing: Evidence from Romania,* Acta Universitatis Sapientiae, Economics and Business 8 (1), 5-18

11. György O., Madaras Sz. (2020) *Corporate collaborations for small and medium-sized enterprises in Romania: Results of a national survey*, Forum on Economics and Business 23 (144), 3A-16

12. Madaras Sz., Györfy L. (2021) *Spatial Dimensions of Regional Innovativeness in Romania,* Acta Universitatis Sapientiae, European and Regional Studies 20 (1), 17-31

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1. Madaras Szilárd (2012) A regionális munkaerő-foglalkoztatás aktuális kérdései Romániában. Központi Régió – esettanulmány, *Múzeumi Füzetek*, 2012. 74. kötet, 2. füzet, Erdélyi Múzeum Egyesület, Cluj – Napoca, ISSN: 1453-0961 CNSIS: B.

2. Madaras Szilárd (2013) A turisztika ágazati helyzete a regionális gazdaságban. Hargita megyei esettanulmány, *Múzeumi Füzetek*, 3/2013, Erdélyi Múzeum Egyesület, Cluj – Napoca, ISSN: 1453-0961, CNSIS: B.

3. Madaras Szilárd (2014) Lemaradás, vagy felzárkózás? A gazdasági fejlődés aktuális kérdései Hargita megyében, *Múzeumi Füzetek*, 2014/4, Erdélyi Múzeum Egyesület, Cluj – Napoca, ISSN: 1453-0961, CNSIS: B.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

Madaras Szilárd (2007) The complex analysis of economical situation, and the development strategy for Gheorgheni Microregion, *The proceedings of International Conference Competitiveness and European integration*, October 26-27, 2007, Cluj-Napoca, ISBN-978-606-504-011-3

Madaras Szilárd (2007) The regional differences of occupation in Romania at level NUTS3, *Proceeding paper of The 7th International Symposium of The Romanian Regional Science Association „Territorial Cohesion, Growth, Convergence, Competitiveness* Baia Mare, June 12 – 13, 2009" The Romanian Regional Science Association and The North University of Baia Mare, Baia Mare, 2009 ISBN: 978-606-536-022-8

Vincze Mária, Madaras Szilárd (2009) Territorial approach of labour force employment. Case study- Macroregion 1, *Proceeding paper of The 7th International Symposium of The Romanian Regional Science Association „Territorial Cohesion, Growth, Convergence, Competitiveness* Baia Mare, June 12 – 13, 2009" The Romanian Regional Science Association and The North University of Baia Mare, Baia Mare, 2009 ISBN: 978-606-536-022-8

Madaras Szilárd (2009) Aktuális trendek Brassó és Hargita megyék munkaerőpiacán, *Volumul Conferinţei RODOSZ*, 13-15 noiembrie, Cluj-Napoca, 2009, ISBN: 978-973-88970-8-3

Madaras Szilárd (2011) Regional unemployment and labour market inbalance. Harghita county case study, *Proceeding paper of „European Economic Recovery and Regional Structural Transformation" - The 8th International Conference; Romanian Regional Science Association*, Babeş-Bolyai University of Cluj-Napoca, Regional Development Agency North-West, Cluj-Napoca, June 24 – 25, 2011, ISBN: 978-973-53-0574-1, 2011

Madaras Szilárd (2014) New economical trends regarded to regional tourism in Harghita County, *Natura-Econ 4 International Conference, Environmental Dynamics under the Impact of Economic Trends – Realities and Perspectives*, 7 th March 2014, Sfântu Gheorghe, Romania Proceding Paper, ISSN 2359-9081, Editura Risoprint, 2014,

Madaras Szilárd (2014) New trends of regional employment in Romania, *11th Annual International Conference on Economics and Business, Global changes, local answers, Proceding Paper*, 16-17 May, 2014, Sapientia Hungarian University of Transylvania, ISBN 978-973-53-1287-9, Risoprint, Cluj-Napoca, 2014. CNSIS: B.

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Madaras Szilard, New trends of regional employment in Romania. In: 11th Annual International Conference on Economics and Business, Global changes, local answers, Proceding Paper, Cluj-Napoca (Kolozsvár), Editura Risoprint, 2014

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Zoltán Bujdosó , Lóránt Dávid , Szilárd Madaras , János Pénzes , Alexandru Nedelea SPATIAL TRENDS, CHANGES AND ITS CONSEQUENCES IN TOURISM AFTER THE MILLENNIUM IN ROMANIA: TOWARDS SUSTAINABILITY?. In: Rodica Pamfilie, Vasile Dinu, Laurențiu Tăchiciu (szerk.): BASIQ 2015 INTERNATIONAL CONFERENCE NEW TRENDS IN SUSTAINABLE BUSINESS AND CONSUMPTION PROCEEDINGS PAPERS, Bucuresti, Editura ASE, 2015

Szilárd Madaras, The tourism demand analysis based on ARIMA model. The case study of the Romanian Center Region. In: Csata Andrea Et Al (szerk.): Chalenges in the Carpathian Basin, Integration and modernization opportunities on the edge of Europe, MIercurea Ciuc, Risopoint, 2016, ISBN 978-973-53-1855-0

Bíró Bíborka Eszter, Szilárd Madaras, The swiss franc-based loans between 2015 and 2018 in Romania. In: Andrea Csata (Ed.): Challenges in the Carpatian Basin. Innovation and technology in the knowledge based economy. 14 th Annual International Conference on Economics and Business. Proceedings paper, Cluj-Napoca, Editura Risoprint, 2018, pp. 39–47., ISBN 978-973-53-2249-6

Szilárd Madaras, Neuron Network forecasting the number of unemployees. Gheorgheni Microregion case study. In: Andrea Csata (szerk.): Challenges in the Carpatian Basin. Innovation and technology in the knowledge based economy, Cluj-Napoca, Editura Risoprint, 2018, pp. 342–348., ISBN 978-973-53-2249-6

Toró Tibor, Madaras Szilárd, Balla Emese, Varga Szilvia, Török Ferenc (2025): From Policy to Performance. The Evolution of the IT Sector in Romania the Context of Innovation and Digitalization Policies. Research report, Sapientia working papers IV. ISBN 978-973-0-43351-7, https://doi.org/10.5281/zenodo.18447090

K. Participări la conferinţe naţionale şi internaţionale

Titlul prezentării: The complex analysis of economical situation, and the development strategy for Gheorgheni Microregion
Conferinţa: Competitiveness and European Integration, International Conference
Locul şi data: Cluj-Napoca, 26-27 October 2007,

Titlul prezentării: Analysis of the Romanian agriculture in the period of transition, based on the national accounts
Conferinţa: Tradition and Innovation, International Conference
Locul şi data: Gödöllő, Ungaria, 3-5 Dec., 2007

Titlul prezentării: The regional differences of occupation in Romania at level NUTS3

Conferinţa: The 7th International Symposium of The Romanian Regional Science Association „Territorial Cohesion, Growth, Convergence, Competitiveness
Locul şi data: Baia Mare, 12-13 Iun., 2009

Titlul prezentării: Aktuális trendek Brassó és Hargita megyék munkaerőpiacán
Conferinţa: Conferinţa RODOSZ
Locul şi data: Cluj-Napoca, 13-15 Noi., 2009

Titlul prezentării: A jövedelmi különbségek elemzése Központi Régió megyéiben
Conferinţa: EME Konferencia - A Magyar Tudomány Napja Erdélyben
Locul şi data: 20-21 Noi., 2009, Cluj-Napoca

Titlul prezentării: A munkaerő-foglalkoztatás regionális vonatkozásai Romániában
Conferinţa: EME Konferencia - A Magyar Tudomány Napja Erdélyben
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Titlul prezentării: Regional unemployment and labour market inbalance. Harghita county case study
Conferinţa: European Economic Recovery and Regional Structural Transformation
Locul şi data: Cluj-Napoca, Jun., 24 – 25, 2011

Titlul prezentării: Vidéki munkaerő-foglalkoztatás és munkanélküliség. Hargita megyei esettanulmány
Conferinţa: Vállalkozói és gazdasági trendek a Kárpát-medencében
Locul şi data: Miercurea Ciuc, 20-22 Apr, 2012

Titlul prezentării: Impact of the economic crisis in the unemployment changes. Romanian regional case study
Conferinţa: International Conference on Economics and Business Management
Locul şi data: Cluj Napoca, 23 Nov. 2013

Titlul prezentării: New economical trends regarded to regional tourism in Harghita
Conferinţa: , Natura-Econ 4 International Conference, Environmental Dynamics under the Impact of Economic Trends – Realities and Perspectives
Locul şi data: Sfântu Gheorghe, 7 th March 2014,

Titlul prezentării: New trends of regional employment in Romania
Conferinţa: 11th Annual International Conference on Economics and Business, Global changes, local answers
Locul şi data: Miercurea Ciuc, 16-17 May, 2014

Data
28 septembrie 2026