

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)	**MITRICĂ DANA-BIANCA**
Address(es)	13, Sos. Iancului, Bucharest, ROMANIA
Telephone(s)	+40314229611 Mobile +40726783872
Fax(es)	+40213111242
E-mail	biancadumitrescu78@yahoo.com
Nationality	Romanian
Date of birth	January 01, 1978
Gender	Female

Occupational field

Research

Work experience

Dates	2001 November - today
Occupation or position held	Senior Researcher – geographer, Head of Human Geography and Regional Development Department
Main activities and responsibilities	The main fields' works are: Geography of Human Settlements, Geography of Population, and Economic Geography. These studies have been carried on within the framework of 50 research projects financed by the Romanian Academy and 50 interdisciplinary research projects financially supported by different institutions at home and abroad. She published over 200 publications on on urban development and functionality, urban industry, metropolitan areas, population, socio-economic disparities, tourism, studies on the Romanian borders, population vulnerability to different natural hazards and presented over 250 papers at various national and international conferences. Member of the Scientific Council and Administrative Council of the Institute of Geography, Romanian Academy
Name and address of employer	Institute of Geography, Romanian Academy, 12, Dimitrie Racovita St., sector 2, 023993, Bucharest, Romania, www.geoinst.ro
Type of business or sector	Research

Education and training

Dates	November 2001 – July 2007
Title of qualification awarded	PhD in Earth Science (Human Geography)

Principal subjects/occupational skills covered	The PhD topic was related to one-industry towns in Romania – between forcible industrialisation and economic decline (*Geographical study of the one-industry towns in Romania)* and was elaborated within the University of Bucharest, Faculty of Geography.
Name and type of organisation providing education and training	University of Bucharest, Faculty of Geography, Bucharest, Romania
Level in national or international classification	ISCED level 6
Dates	October 2000 – June 2001
Title of qualification awarded	MSc
Principal subjects/occupational skills covered	*Urban and Rural systems modeling*.
Name and type of organisation providing education and training	University of Bucharest - Faculty of Geography, 1 Nicolae Balcescu Bvd, sector 1, Bucharest, Romania
Level in national or international classification	ISCED level 5A
Dates	October 1996 - June 2000
Title of qualification awarded	BSc
Principal subjects/occupational skills covered	Geography, Urban and Rural Geography, Economic and Social aspects, Tourism
Name and type of organisation providing education and training	University of Bucharest - Faculty of Geography, 1 Nicolae Balcescu Bvd, sector 1, Bucharest, Romania
Level in national or international classification	ISCED level 5A

Personal skills and competences

Mother tongue(s)	Romanian
Other language(s)	

Self-assessment		Understanding				Speaking				Writing	
European level (*)		Listening		Reading		Spoken interaction		Spoken production			
English		C1	Proficient user	C1	Proficient user	C1	Independent user	C1	Independent user	B1	Independent user
French		C1	Proficient user	C1	Proficient user	B1	Proficient user	B1	Proficient user	B1	Independent user

(*) Common European Framework of Reference for Languages

Social skills and competences

Ccorrectitude, responsibility, team spirit, honesty, sociable, communicative, solidarity, dynamism, open-minded.

Organisational skills and competences

Good organizer, problem-solving attitude, ability to respect deadlines for project activities

Technical skills and competences

GIS software competeces and spatial analises (ArcView, Corel Draw), digital cartography

Computer skills and competences

Windows 2003 and XP, Ms Office, Internet

Other skills and competences

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- Member of the United Nations Group of Expert on Geographical Names – Working Group of Exonyms
- Scientific secretary of *the Local and Regional Development Commission* of the International Geographical Union (IGU)
- Scientific co-coordinator of Commission for *A New administrative-territorial organization of Romania* (2023-2024), Romanian Academy
- Member of the Interinstitutional Working Group for supporting the process of elaborating the *TERRITORIAL DEVELOPMENT STRATEGY OF ROMANIA. Polycentric Romania 2035. Territorial cohesion and competitiveness, development and equal opportunities for people*, Ministry of Regional Development and Public Administration (2013-2014);
- Member of the Working Group for the elaboration of the Environmental Report within the Territorial Development Strategy of Romania - Ministry of Regional Development and Public Administration (2014);
- Member of the Regional Committee for the *Elaboration of the Regional Development Plan 2021 - 2027 of the South-Muntenia Development Region* (2019-2020);
- Member of the Appeals Group within the *Interinstitutional Commission for the evaluation of the tourist potential of the Romanian territory* - Ministry of Regional Development and Public Administration (2016-present);
- Member of CTS D, G - *Hygiene, health, environment and sustainable use of natural resources for constructions in all fields, respectively for installations in all specialties*, Ministry of Development, Public Works and Administration (2020-present);
- Member of the Presidential Board of Central and Eastern Service for Cross-border Initiatives - CESCI (https://budapest.cesci-net.eu/en/about/our-association/)
- Member of KOSICE Platform Initiative (https://budapest.cesci-net.eu/en/kassai-platform/) - open for Central and Eastern European experts and practitioners of Eastern Partnership and is designed to facilitate the exchange of ideas and knowledge on Eastern Partnership, to support EU level decision makers and national governments with experiences and knowledge gained from the ground and to raise awareness about the importance of cross-border (people-to-people) cooperation in the association process of the Eastern Partnership countries.
- Corresponding member of the IGU Commissions of Population Geography, Urban Geography
- member of the Romanian Society of Geography, Human Geographers Association

Driving licence

Driving licence B category since 2002

Additional information

Personal information

Researcher unique identifier(s) (ORCID, Researcher ID etc.):	https://orcid.org/0000-0001-7282-1885; https://www.brainmap.ro/bianca-mitrica ; https://www.scopus.com/authid/detail.uri?authorId=55390055600; https://www.webofscience.com/wos/author/record/AAQ-1994-2020; https://scholar.google.com/citations?user=z4S6uLAAAAAJ&hl=e

Over 200 published papers in specialty Romanian and international journals

SELECTED

Books:

Dan Bălteanu, Monica Dumitraşcu, Sorin Geacu, Bianca Mitrică, Mihaela Sima (coords) (2016), *România. Natură şi Societate (Romania. Nature and Society)*, Edit. Academiei Române, Bucureşti, 685 p., ISBN: 978-973-27-2695-2.

Săgetă R. (coord.), Nancu Daniela, Mitrică Bianca, Persu Mihaela, Nicoleta Damian, Popescu Claudia, Mocanu Irena, Grigorescu Ines, Guran Liliana, Şerban Paul, Baroiu Draoş (2014), Euroregiunile de cooperare transfrontalieră fin Bazinul Inferior al Dunării (*Cross-border Euroregions in the Lower Danube Basin*), Romanian Publishing House, 339 p.

Dumitrescu (Mitrică) Bianca (2008), *Oraşele monoindustriale din România. Între industrializare forţată şi declin economic (One-industry towns in Romania. Between forcible industrialization and economic decline)*, Editura Universitară, 301 p., Bucureşti, ISBN 978-973-749-388-0.

Săgeată Radu (coord.), Guran Liliana, Dumitrescu (Mitrică) Bianca, Damian Nicoleta, Baroiu Dragoş (2004), *Soluţii de optimizare a organizării administrativ-teritoriale a României în perspectiva aderării la Uniunea Europeană* (Propositions for optimizing Romania's territorial-administrative organization from the EU integration perspective), Editura Ars Docendi, 128 p., Bucharest.

Books chapters:

Mitrică B., Roznovițchi I., Grigorescu I., Micu D., Șerban P.-R., Damian N. (2025), The Vulnerability of the Romanian Danube Valley to Heat-Related Phenomena in the Context of Just Green Transitions, in book: The Palgrave Handbook of Just Green Transitions in the Western Balkans and Beyond (Eds. Erblin Berisha, John Moodie, Ledio Allkja, Marija Jeftić), 437-457, Springer Nature Switzerland, DOI: 10.1007/978-3-031-95075-9_24

Mitrică B., Săgeată R., Șerban P.-R., Mocanu I., Grigorescu I., Dumitrascu M., (2021) Northern and Eastern Romanian Border Counties - Socio-Economic Development at the Fringe of the European Union, vol.'The EU-Ukraine Association Agreement and its impacts on cross-border cooperation on the external EU border' Cambridge Scholars Publishing

Săgeată R., Mitrică B., Damian N., Persu M., Baroiu D., (2021) Areas of ethnic merger in the Carpathian cross-border sector between Romania and Ukraine, geopolitics and geohistory, vol.'The EU-Ukraine Association Agreement and its impacts on cross-border cooperation on the external EU border' Cambridge Scholars Publishing

Mitrică B., Grigorescu I., Săgeată R., Mocanu I., Dumitrașcu M. (2020), Territorial Development in Romania: regional disparities, in vol. Dilemmas of Regional and Local Development: Theory, Methodology and Applications (editor Banski Jerzy), pp. 206-228, Routledge Explorations in Development Studies, Taylor & Francis Group, DOI: 10.4324/9780429433863-13, https://www.routledge.com/Dilemmas-of-Regional-and-Local-Development/Banski/p/book/9781138359154

Mitrica B., Persu M., Mocanu I., Paul Ş., .Grigorescu I., Damian N. (2019), Changes in the Dynamics and Demographic Structure of the Romanian Rural Population: An Overview of the Post-communist Period, in vol. Three Decades of Transformation in the East-Central European Countryside (editor Banski Jerzy), pp. 191-215, Springer, DOI: 10.1007/978-3-030-21237-7_9, https://www.springer.com/gp/book/9783030212360

Grigorescu I., Kucsicsa Gh., Mitrică B., Mocanu I., Dumitraşcu M. (2019), Regional Spatial and Statistical Analyses of the Urban-Rural Relationships in Romania. Case Study: Romanian Plain, Chapter in Smart Geography. 100 Years of the Bulgarian Geographical Society (edits: Stoyan Nedkov, Georgi Zhelezov, Nadezhda Ilieva, Mariyana Nikolova, Boian Koulov, Kliment Naydenov, Steliyan Dimitrov), 155-173, Springer Publishing

Mitrică B., Popescu C. (2017), The economy of the Romanian Danube Valley – evolution and trends, în vol. Lower Danube - approaches to macroregional sustainability, p. 150-165

Bălteanu D., Dumitraşcu M., Sima M., Mitrică B., Dogaru D., Nichersu I., Jurchescu M., Popovici A. (2017), Romanian Danube Valley in a Global Environmental Change Context în vol. Lower Danube - approaches to macroregional sustainability, p. 41-53

Dumitraşcu M., Bălteanu D., Sima M., Grigorescu I., Mitrică B. (2017), Socioeconomic and Environmental Indicators for Ecosystem Services in Romania în vol. Lower Danube - approaches to macroregional sustainability, p. 97-108.

Bălteanu D., Mauser W., Dumitrașcu Monica, Sima Mihaela, Mitrică Bianca, Dogaru Diana, Jurchescu Marta, Popovici Elena-Ana (2017), Scientific services on integrated assessments of environmental resources and risks in the lower Danube Basin – Collaborative perspectives, Clusters as drivers of value chain. Development across the Danube region, Carmen Păuna, Tiberiu Diaconescu (editori), Editura Economică, București, ISBN 978-973-709-789-7, p. 25-44.

Mitrică B., Grigorescu I., Urucu V. (2016), *Dezvoltarea urbană şi ariile metropolitan (Metropolitan development and urban expansion)*, în vol. *România. Natură şi Societate*, Edit. Academiei Române, Bucureşti, pp. 250-291, ISBN: 978-973-27-2695-2.

Popescu C., Mitrică B., Mocanu I. (2016), *Dezvoltarea regională pre- şi postaderare la Uniunea Europeană (Regional Development before and after UE membership)*, în vol. *România. Natură şi Societate*, Edit. Academiei Române, Bucureşti, pp. 613-620, ISBN: 978-973-27-2695-2.

Mitrică B., Dumitraşcu M., Kucsicsa Gh., Dogaru D. (2016), Resources Pilot Centre for cross-border preservation of the aquatic biodiversity of Prut river, in vol. Crossing the borders. Studies on cross-border cooperation within the Danube region, pp. 1-72, published by Central European Service for Cross-Border Initiatives, Budapest, ISBN 978-963-12-4756-5.

Grigorescu I., Kucsicsa Gh., Mitrică B. (2015), *Assessing Spatio-Temporal Dynamics of Urban Sprawl in the Bucharest Metropolitan Area over the last century*, Land use/Cover Changes in Selected Regions in the World, vol. X, (Eds. Bicik I., Himiyama Y., Feranec J., Kupkova Lucie), Issued by IGU-LUCC, Charles University in Prague, Faculty of Science, pp. 19-27, Prague, the Czech Republic

Mitrică B., Bogardi I. (coord.)(2012), Socio-Economic Evaluation, in Climate Change and Impacts on Water Supply "CCWaterS", http://www.ccwaters.eu/downloads/CC-WaterS_Project_Monography_final.pdf, p. 159-192

***Maps published in Atlasses*:**

Bugă D., Săgeată R., Dumitrescu (Mitrică) B., *Organizarea administrativ-teritorială a României (2006)*, (Administrative Map of Romania, 2006), Atlasul Istorico-Geografic (Historico-geographical Atlas of Romania), Academia Română, 2007.

Erdeli G., Dumitrescu (Mitrică) B., *Densitatea populaţiei (2002)*, (Population density), Atlasul Istorico-Geografic (Historico-geographical Atlas of Romania), Academia Română, 2007.

Erdeli G., Nancu D., Dumitrescu (Mitrică) B., Persu M.a, *Structura populaţiei pe naţionalităţi (2002)* (The nationality structure of the population, 2002) Atlasul Istorico-Geografic (Historico-geographical Atlas of Romania), Academia Română, 2007.

Web of Science

Mitrică, B., Dumitrică, C., Tchetchik, A., Grigorescu, I., Sofer, M., Stastna, M., Roznovieţchi, I. (2026), Modelling suitability for the development of tourism in Buzau Carpathians and Sub-Carpathians rural area, Romania, Journal of Outdoor Recreation and Tourism, 55, 101071, DOI:10.1016/j.jort.2026.101071

Şerban, P.R., Mitrică, B., Damian, N., Grigorescu, I., Roznovieţchi, I., Dumitrică, C., Dumitraşcu, M. (2026), Tourists' perception of cultural tourism in the Carpathian and Subcarpathian mountains (Buzău, Romania), Boletín de la Asociación de Geógrafos Españoles, 107, DOI:10.21138/bage.3714

Roznovieţchi, I., Şerban, P. R., Micu, D. M., Mitrică, B. (2026), The vulnerability of socially vulnerable groups to extreme weather events associated with climate change. Evidence from Romania, Journal of Human Behavior in the Social Environment, 1-24, DOI:10.1080/10911359.2026.2687109

Talaba, O., Vrinceanu, A., Dumitraşcu, M., Grigorescu, I., Mitrică, B. (2026), Land suitability assessment for wind farm development in Romania: Policy and GIS-AHP integration, Journal of Environmental Management, 400, 128777, DOI:10.1016/j.jenvman.2026.128777

Cercleux, A-L., Săgeată, R., Mitrică, B., Bogan, E. (2025), Urban semiotics in Bucharest city center through the analysis of buildings' names and commercial signs, Land, 13(12), DOI:10.3390/land13122025

Mitrică, B., Şerban, P.-R., Roznovieţchi, I., Micu, D., Persu, M., Grigorescu, I., Amihăesei, V., Dumitraşcu, M., Damian, N. (2025), The tourism sector's vulnerability to climate change-related phenomena. Case study: Romania, International Journal of Disaster Risk Reduction, 118, 105248, https://doi.org/10.1016/j.ijdrr.2025.105248

Dumitrașcu M., Roznovieţchi, I., Sima M., Grigorescu, I., Mitrică B., Micu D., Fălcescu V. Șt., Bulai A., Cheval S., (2025) Public perception of climate change impacts and sectoral adaptation in Romania, Environmental Development, 101346

Mitrică B., Bălteanu D., Damian N., Saghin D., Precup I., Ilieș M., Lupchian M.-M. (2024), The Ukrainian refugees in Romania: perception and social challenges, Disasters, 49(1), e12660, DOI: 10.1111/disa.12660

Roznovieţchi I., Damian N., Mitrica B., Serban, P., Grigorescu I., Dumitrascu M., Dumitrica C., (2024), Cultural tourism in predominantly rural communities. Residents' perception in Buzău Carpathians and Subcarpathians (Romania), European Countryside, 16(3), 437-458, DOI: https://doi.org/10.2478/euco-2024-0023

Dumitraşcu M., Grigorescu I., Vrînceanu A., Mocanu I., Dumitrică C., Mitrică B., Kucsicsa Gh., Șerban P.-R., (2024), An indicator-based approach to assess and compare the environmental and socio-economic consequences of photovoltaic parks in Romania's development regions, Environment, Development and Sustainability, https://doi.org/10.1007/s10668-024-04585-7

Popovici E.-A., Grigorescu I., Dumitrică C., Kucsicsa Gh, Mitrică B., Mocanu I., Dumitrașcu M., Ciubuc C. (2024), Long-term changes of agricultural land over the last century in Romania. The showcase of Romanian Plain, Anthropocene, 100449, https://doi.org/10.1016/j.ancene.2024.100449

Damian, N., Mitrică, B., Mocanu, I., Grigorescu, I., Dumitraşcu, M. (2023). An index-based approach to assess the vulnerability of socio-ecological systems to aridity and drought in the Danube Delta, Romania. Environmental Development, 45, 100799.

Săgeată R.D., Mitrică B., Cercleux A., Grigorescu I., Hardi T. (2023), Deindustrialization, tertiarization and suburbanization in Central and Eastern Europe. Lessons from Bucharest City, Romania. 12(9):1731. https://doi.org/10.3390/land12091731.

Şerban P.-R,, Mitrică B. (2023), Economic Resilience in the Centre Development Region, Romania. A Methodological Approach to the 2009-2011 Economic Crisis and Post-crisis, European Review, https://doi.org/10.1017/S1062798723000534

Mitrică B., Grigorescu I., Mocanu I., Șerban P., Damian N., Dumitrașcu M., Dumitrică C. (2022) COVID-19 Pandemic and Local Cultural Tourism in the Buzău Carpathians and Subcarpathians (Romania), Healthcare, 10(12), 2392, https://doi.org/10.3390/healthcare10122392

Mitrică B., Damian N., Mocanu I., Grigorescu I., Dumitraşcu M., Persu M. (2021), Out-migration and social and technological marginalization in Romania. Regional disparities, Technological Forecasting and Social Change, vol. 175(C), DOI: 10.1016/j.techfore.2021.121370

Mitrică B., Şerban P., Mocanu I., Damian N., Grigorescu I., Dumitraşcu M., Dumitrică C. (2021), Developing an indicator-based framework to measure sustainable tourism in Romania. A territorial approach, Sustainability, 13(5), 2649; https://doi.org/10.3390/su13052649

Mitrică, B., Dumitraşcu, M., Mocanu, I., Grigorescu, I., Șerban, P. R. (2021) Territorial competitiveness, cohesion and sustainability in Romania's urban border areas. Geografisk Tidsskrift-Danish Journal of Geography, 1-26

Mitrică B., Săgeată R., Mocanu I., Grigorescu I., Dumitraşcu M. (2021) Competitiveness and cohesion in Romania's regional development: A territorial approach, GEODETSKI VESTNIK, 65(3), 440-458, DOI: 10.15292/geodetski-vestnik.2021.03.440-458

Mitrică B., Mocanu I., Grigorescu I., Dumitrașcu M., Pistol A., Damian N., Șerban P.-R. (2021), Population vulnerability to SARS-COV-2 virus infection. A county-level geographical methodological approach, GeoHealth, 5(11), e2021GH000461

Damian N., Mitrică B., Mocanu I., Săgeată R., Persu M., Șerban P.-R. (2022), Territorial disparities related to demographic features and healthcare infrastructure dynamics in Romania, Proc. Rom. Acad., Series B, 2022, 24(2), p. 227–240, The Publishing House of the Romanian Academy

Damian, N., Mitrică, B., Mocanu, I., Grigorescu, I., Dumitraşcu, M. (2023). An index-based approach to assess the vulnerability of socio-ecological systems to aridity and drought in the Danube Delta, Romania. Environmental Development, 45, 100799

Grigorescu I., Mocanu I., Mitrică B., Dumitrașcu M., Dumitrică C., Dragotă C.-S. (2021) Socio-economic and environmental vulnerability to heat-related phenomena in Bucharest Metropolitan Area, Environmental Research, vol. 192, 110268

Grigorescu I., Kucsicsa Gh., Mitrică B., Mocanu I., Dumitrșcu M. (2021) Driving Factors of Urban Sprawl in the Romanian Plain. Regional and Temporal Modelling Using Logistic Regression, Geocarto International, DOI: 10.1080/10106049.2021.1967465

Mocanu I., Grigorescu I., Mitrică B., Dumitrașcu M., Dragotă C.-S., Mateeva Z., Dumitrică C. (2021), Human health vulnerability to summer heat extremes in the Romanian-Bulgarian cross-border area. The Calafat-Vidin-Turnu Măgurele-Nikopol Danube Sector, Natural Hazards Review, 22(2), 05021003

Grigorescu, I., Kucsicsa, G., Popovici, E. A., Mitrică, B., Mocanu, I., & Dumitraşcu, M. (2021). Modelling land use/cover change to assess future urban sprawl in Romania. Geocarto International, 1-19

Grigorescu I., Dumitrică C., Dumitrașcu M., Mitrica B., Dumitrașcu C., Urban development and the (re)use of the communist built industrial and agricultural space after 1990. The showcase of Bucharest-Ilfov Development Region, Land, 10, 1044, doi.org/10.3390/land10101044

Mitrică B., Şerban P., Mocanu I., Grigorescu I., Damian N., Dumitraşcu M. (2020), Social Development and Regional Disparities in the Rural Areas of Romania: Focus on the Social Disadvantaged Areas, Social Indicators Research, Social Indicators Research, 152(1), 67-89, DOI 10.1007/s11205-020-02415-7 (IF: 1.874).

Șerban P., Dumitrașcu M., Mitrică B., Grigorescu I., Mocanu I., Kucsicsa Gh., Vrînceanu A., Dumitrică C. (2020), The Estimation of Regional Energy Consumption Based on the Energy Consumption Rate at National Level. Case study: The Romanian Danube Valley, Energies, 13, 4219, doi:10.3390/en13164219ww (IF: 2.702).

Dumitraşcu M., Kucsicsa G., Dumitrica C., Popovici E.-A., Vrînceanu A., Mitrică B., Mocanu I., Șerban P.-Ş (2020), Estimation of Future Changes in Aboveground Forest Carbon Stock in Romania. A Prediction Based on Forest-Cover Pattern Scenario, Forests 11(9), 914, DOI: 10.3390/f11090914

Damian Nicoleta, Mocanu Irena, Mitrică Bianca (2019), Education and health care provision in the Romanian Danube Valley: Territorial disparities, Area, 51, 360–370, https://doi.org/10.1111/area.12474 (IF: 2.280)

Mocanu I., Mitrică B., Persu M. (2019), Socio-economic consequences of photovoltaic park implantation in Giurgiu County rural area (Romania), Acta Geographica Slovenica, vol. 59, no. 1, 37-50

Mocanu I., Mitrică B., Persu M., Damian N. (2019), Exploring the links between the ethnic structure and the dwellings quality in the Danube Valley, Geograficky Casopis, Geographical Journal, 71(3), pp. 227-240. DOI: https://doi.org/10.31577/geogrcas.2019.71.3.12

Kucsicsa Gh., Popovici E. A., Bălteanu D., Grigorescu I., Dumitraşcu M., Mitrică B. (2019), Future land use/cover changes in Romania: regional simulations based on CLUE-S model and CORINE land cover database, Landscape and Ecological Engineering, 15:75–90 (IF: 1.813).

Vrînceanu, A., Grigorescu, I., Dumitrașcu, M., Mocanu, I., Dumitrică, C., Micu, D., Kucsicsa Gh., Mitrică, B. (2019), Impacts of Photovoltaic Farms on the Environment in the Romanian Plain. Energies, 12(13), 2533, 1-19, (IF: 3.004).

Kucsicsa Gh., Popovici E. A., Bălteanu D., Dumitraşcu M., Grigorescu I., Mitrică B. (2019), Assessing the potential future forest cover change in Romania, predicted using scenario-based modelling, Environmental Modeling & Assessment, 1-21, DOI 10.1007/s10666-019-09686-6. (IF: 2.333)

Mocanu I., Săgeată R., Damian N., Mitrică B., Persu M. (2019), Romanian urban areas: Territorial, economic and socio-cultural hallmarks of the chinese minority, Journal of Urban and Regional Analyses, Vol 11, Issue 2, pp. 85-202

Mocanu I., Grigorescu I., Mitrică B., Popovici E.-A., Dumitrașcu M. (2018) Regional disparities related to socio-economic determinants of agriculture in the Romanian Plain, Journal of Urban and Regional Analysis (JURA) vol. X, 79-99.

Popovici E.-A., Mitrică B., Mocanu I. (2018), Land concentration and land grabbing: Implications for the socio-economic development of rural communities in south-eastern Romania, Outlook on agriculture, vol. 47(3), p. 204-213, DOI: 10.1177/0030727018781138

Dumitraşcu M., Mocanu I., Mitrică B., Dragotă C.-S., Grigorescu I., Dumitrică C. (2018), The assessment of socio-economic vulnerability to drought in Southern Romania (Oltenia Plain), International Journal of Disaster Risk, vol. 27, 142-154 https://doi.org/10.1016/j.ijdrr.2017.09.049 (IF: 4.320).

Popovici E.-A., Grigorescu I., Mitrică B., Mocanu I., Dumitraşcu M. (2018) Farming practices and policies in shaping the organic agriculture in Romania. A showcase of southern Romania, Romanian Agricultural Research, vol 35, 1-14 (IF: 0.3).

Popovici E. A., Kucsicsa Gh., Bălteanu D., Grigorescu I., Dumitraşcu M., Mitrică B., Damian N. (2018), Past and future land use/cover flows related to agricultural lands in Romania. An assessment using Clue-S model and Corine Land Cover database, Carpathian Journal of Earth and Environmental Sciences, 13(2), p. 613-628; DOI:10.26471/cjees/2018/013/052 (IF: 1.347).

Mitrică B., Mocanu I., Dumitraşcu M., Grigorescu I. (2017) Socio-economic disparities in the development of the Romania's border areas, Social Indicators Research, vol. 134, issue 3, pp. 899-916, DOI 10.1007/s11205-016-1462-7 (IF: 1.874).

Mitrică B., Bogardi I., Mitrică E., Mocanu I., Minciună M. (2017), A forecast of public water scarcity on Leu-Rotunda Plain, Romania, for the end of the 21st century, Norsk Geografisk Tidsskrift-Norvegian Journal of Geography, vol. 71, Issue 1, pp. 12-29, http://dx.doi.org/10.1080/00291951.2017.1289977

Mitrică B., Mitrică E., Enciu P., Mocanu I. (2017), An approach for forecasting of public water deficit at the end of the 21st century, in the Timiş Plain of Romania, Technological Forecasting and Social Change, vol. 118, p. 258-269, https://doi.org/10.1016/j.techfore.2017.02.026

Mitrică B., Mateescu E., Dragotă C.-S., Grigorescu I., Dumitraşcu M., Popovici E.-A., (2015), Climate change impacts on agricultural

crops in the Timiş Plain (Romania), Romanian Agricultural Research, no. 32/2015, pp. 1-9 (IF: 0.3).

Mitrică, Eugen, Mitrică, Bianca, Stănculescu, Andrei (2014), Economic Analysis of Nature Preservation Investments: the zonal cost approach applied for Harghita County of Romania, Environmental and Ecological Statistics, Springer, 21, 1, 3, p. 83-93, DOI: 10.1007/s10651-013-0245-4

Irena Mocanu, Bianca Mitrică, Mihaela Rodica Persu, Consequences of setting up photovoltaic parks - related land use/land cover changes in Giurgiu county rural area (Romania), 2015, Carpathian Journal of Earth and Environmental Sciences, November, Vol. 10, No 4, p. 209 – 216

ISI Proceedings

Vrînceanu A., Grigorescu I., Dumitrascu M., Mocanu I., Mitrică B., Șerban P.-R. (2021) Indicator-based approach to assessing the environmental and socio-economic impacts of photovoltaic parks in Romania. North-West Development Region, Proceedings of the 7h International Scientific Conference GEOBALCANICA 2021, vol. Geoenvironment.

Vrânceanu A., Dumitraşcu M., Mocanu I., Grigorescu I., Șerban P-R, Mitrică B., Dumitrică C. (2020) Environmental and socio-economic impacts of photovoltaic farms in the Centre Development Region. Romania, Proceedings of the 6th International Scientific Conference GEOBALCANICA 2020, vol. Cartography, GIS & Spatial Planning, 763-776, DOI: http://dx.doi.org/10.18509/GBP.2020.84

Mitrică B., Mocanu I., Grigorescu I., Dumitrașcu M. (2020), Cultural tourism in Romania – a general outline of the conceptual framework, Proceedings of the GEOLINKS Conference Vision for new horizons. International Conference on Environmental Sciences, Plovdiv, Bulgaria, 5-7 October 2020, Book 2, Vol. 2, Section Green Design and Sustainable Architecture, 283-296.

Dumitrașcu M., Vrînceanu A., Mocanu I., Șerban P., Grigorescu I., Mitrică B. (2020) Regional analyisis of environmental and socio-economic impacts of photovoltaic parks in Romania. A sowcase of West Development Region, GEOLINKS Conference Vision for new horizons. International Conference on Environmental Sciences, Plovdiv, Bulgaria, 5-7 October 2020, 2, Vol. 2, 131-142.

Mitrică B., Mateescu E., Dragotă C., Busuioc A., Grigorescu I., Popovici A. (2013) Climate change impacts on agricultural crops in the Oltenia Plain (Romania), The 13th International Multidisciplinary Scientific GeoConference SGEM, 16-22 iunie, 2013, Albena, Bulgaria, Energy and Clean Technologies Conference Proceedings. Air Pollution and Climate Change, 573-584.

Indexed in international Database (selected)

Mitrică B., Muntele I., Popescu C., Popovici A., Șerban P., Mocanu I., Săgeată R., Romanian research in Human and Regional Geography. An overview of the post-communist period, Revue Roumaine de Géographie/Romanian Journal of Geography, Vol. 66, No. 1, 2022, p. 3-25

Popescu C., Mocanu I., Mitrică B., Damian N. (2020), La Vallée du Danube roumain - entre le regard d'Emmanuel de Martonne et les transformations actuelles, Revue Roumaine de Géographie, Romanian Journal of Geography, 64 (2), p. 125-135

Mitrică, B., Damian, N., Mocanu, I., Grigorescu, I. (2019). Exploring the links between out-migration and social development in Romania. A Development Region-based approach. Europa XXI, 37, 53-70. https://doi.org/10.7163/Eu21.2019.37.4

Grigorescu I., Vrînceanu A., Dumitrașcu M., Mocanu I., Dumitrică C., Mitrică B., Kuscicsa Gh., Șerban P. (2019), Regional differences in the distribution and environmental consequences of PV farms in southern Romania, Ukrainian Geographical Journal, vol. 3, 60-69, https://doi.org/10.15407/ugz2019.03.060

Mitrică B., Mocanu I., Dumitraşcu M., Grigorescu I. (2018), Is the Romanian Danube Valley a cohesive region? A geographical approach, Revue Roumaine de Géographie/Romanian Journal of Geography, 62(2), pp. 139-154.

Mocanu I., Dumitraşcu Monica, Mitrică Bianca, Grigorescu Ines, Şerban Paul-Răzvan, Dumitrică Cristina (2018), Solar energy industry as a part of the Romanian renewable energy industry: a multi-level territorial approach, Annals of Valahia Univeristy, Târgoviște, 8(2), 92-106, https://doi.org/10.2478/avutgs-2018-0011

Mocanu I., Mitrică B., Damian N., Persu, M. (2017), The quality of dwellings in the Romanian Danube Valley (2011), Human Geographies – Journal of Studies and Research in Human Geography, Vol. 11, No. 1, DOI:1 10.5719/hgeo.2017. 11.6.

Mitrică B., Şerban P., Mocanu I., Vârdol A. (2016), Urban employment and functionality in Romania in the post-communist period, Urbanism. Arhitectură. Construcţii, vol. 7, no. 1, pp. 5-20

Nancu D., Mitrică B., Persu M., Mocanu I. (2015), Population dynamics in the Romanian Danube Valley. Geographical aspects of the young population - labour relatios, Agricultural economics and rural development, no. 2, pp. 157-173

Mocanu I., Mitrică B., Vârdol A., Şerban P. (2015), Territorial patterns of socio-economic development in the Romanian Danube Valley, Forum geografic. Studii şi cercetări de geografie şi protecţia mediului, Volume XV, Issue 2, pp. 164-177, doi: 10.5775/fg.2067-4635.2015.168.d, ISSN 1583-1523

Grigorescu I., Mitrică B., Mocanu I. (2015), Assessing urban sprawl-related housing dynamics in the Romanian Metropolitan Areas, Studia Obszarów Wiejskich/Rural Studies, volume 38, pp. 145–164, http://dx.doi.org/10.7163/SOW.38.9

Mitrică B. (2014), Changes in the dynamics and demographic structures of the Romanian urban population. An overview of the post-communist period, Romanian Journal of Geography, 58, 2, Bucureşti, pp. 201-212

Mitrică B., Săgeată R., Grigorescu I. (2014), The Romanian urban system – an overview of the post-communist period, Forum geografic. Studii şi cercetări de geografie şi protecția mediului, Vol. XIII, Issue 2, pp. 230-241 (12) http://dx.doi.org/10.5775/fg.2067-4635.2014.179.d

Grigorescu I., Mitrică B., Kucsicsa Gh., Popovici E.-A., Dumitraşcu M., Cuculici R. (2012), Post-communist land use changes related to urban sprawl in the Romanian Metropolitan Areas, HUMAN GEOGRAPHIES – Journal of Studies and Research in Human Geography, 6, 1, Bucureşti, pp. 35-46, 9 fig., 1 tab., abstr

Grigorescu I., Mitrică B., Mocanu I., Ticana N., (2012), Urban sprawl and residential development in the Romanian Metropolitan Areas, Romanian Journal of Geography, 56, 1, Bucureşti, pp. 43-59.

Mitrică B., Mocanu I. (2011), Drinking water supply and consumption territorial disparities in the Timiş Plain, Analele Universităţii din Oradea, ser. Geografie, XXI, 2, Oradea, pp. 239-247.

Cuculici R., Mitrică B., Grigorescu I., Murătoreanu G. (2011), A diachronic approach of the build-up areas in the Motru-Rovinari coal field, Annals of the Valahia University, Geographical Series, 11, Târgovişte, pp. 163-174, 12 fig., 3 tab., abstr.
Săgeată R., Dumitrescu (Mitrică) B., Damian N. (2010), Cross-Border Cooperation in the Danube-Lined Romanian/Bulgarian Border Space. Geographical Considerations, Geographica Pannonica, 14, 2, Novi Sad, pp. 67-75.
Dumitrescu (Mitrică) B. (2009), Industrial parks in Romanian industrial towns. Present-day trends, Geographia Cassoviensis, Ustav Geografie, Prirodovedecka Fakulta Univerzity P.J. Safarika, Rocnik III, 2, pp. 50-54.
Dumitrescu (Mitrică) B. (2008), Industrial parks in Romania's industrial towns. Present-day trends, EUROPA XXI "New functions of rural and industrial space in Central and Eastern Europe", 17, Warszawa, pp. 159-168.
Vartanoff A., Popescu C., Dumitrescu (Mitrică) B. (2008), Territorial Balancing of Poles of development, Romanian Review of Regional Studies, Journal of the Centre of Regional Geography, 4, 1, Cluj-Napoca, p. 15-32, 2 fig.
Mocanu I., Dumitrescu (Mitrică) B., Popovici A. (2008), Economic activities in Arad County: territorial disparities, Geographia Timisiensis, 17, 1-2, Timişoara, pp. 225-237.
Erdeli G., Dumitrescu (Mitrică) B. (2007), Changes in the demographic size and functional structure of Romania's towns (1966 - 2002), Human Geographies, 1, 1, Bucureşti, pp. 5-13.

Selected research projects:

1. Projects within the Institute of Geography:

Romania - National Geographical Atlas; The characterization of natural and human capital in NE, NW, SE, S, and Bucharest-Ilfov Development Regions; The elaboration of data bases of economico-geographical indicators; Geographical Study of the Romanian Danube Valley; Geographical Dictionary of Romania; Metropolitan Areas in Romania; Regional geographical studies in view of sustainable development and trans-sectoral cooperation; Geographical studies on the population dynamics in Romania, The economic restructuring and socio-economic vulnerability of the cities.

2. Projects in collaboration with / financed by other institutions:

- Proactive resilience and emergency preparedness for adaptive response and efficiency, Ministry of Education and Research - National Authority for Research and UEFISCDI, PN-IV-P6-6.1-CoEx-2024-0102, PNCDI IV (WP leader)
- Strengthening and Promoting Earthquake Emergency Response and Rescue Capacity in the BSB Area (SPEER-A), Project leader, Interreg NEXT Black Sea Basin Programme (2025-2028)(Project leader);
- Horizon 2020 Project "Social and innovative Platform on Cultural Tourism and its potential towards deepening Europeanisation" (SPOT), 2020-2022 (National leader);
- Operational Programme Administrative Capacity Project 'Strengthening institutional capacity to improve climate change policies and adapt to the effects of climate change' Ro-Adapt, 2021-2022 (Key-expert Tourism field);
- Socio-economic evaluation. Demand versus Supply of the SEE Transnational Cooperation Program project "Climate Change Impacts on Water Supply" (CC-WaterS), 2009-2012, Coordinator of WP6;
- European Regional Development Fund Project "Support Center for Institute of World Economy research – innovation projects competitive in Horizon 2020", 2020-2022, https://projectscenter.iem.ro/ (member).
- Erasmus+ Project – Digital government for green municipalities and cities (DiGreen)(2021-2024) (member);
- coordination and member of the projects Plans for Territorial Arrangement of Vâlcea, Arad, Vrancea Counties, General Urbanistic Plan for Târgu-Jiu City, Plan for Zonal Territorial Arrangement;
- Set of statistical indicators for evaluation the socio-economic vulnerability to extreme climate phenomena in Romania (VULSERO)(2019-2021)(member);
- Disaster risk assessment at national level (RO-RISK)(2016-2017) (member);
- Holistics of the renewable energy sources on environment and climate (HORESEC), PN-III-P1-1.2-PCCDI-2017-0404/31PCCDI/2018 (UEFISCDI)(2018-2020) (member);
- Crossing the borders: Geographic and Structural Characteristics of Cross-Border Cooperation in the Danube Region. European Institute for Cross-Border Studies, Esztergom, Hungary (2014-2015) (member);
- member);
- Project for the Development of Romania in the next 20 years (2016 – 2035), Project no. 8 – European Project of Danube/National Strategy of Danube, 2015 (member),
- FP7, Building Capacity for Black Sea Catchement Observation and Assessment System Supporting Sustainable Development (EnviroGRIDS) (2009-2013) (member);
- Hybrid method for thematic up-date of the land use inventory by remote sensing/GIS technology, support for the implementation of the European agriculture and environment programs (2007-2009) (member);
- FP6, Climate change and variability: impact in Central and Eastern Europe (CLAVIER) (2007-2009) (member);
- Evolutions and relations between urbanized and forested zones in Developmnet Regions 3 – South and 8 – Bucharest;
- Impacts on rural communities of forest restitution in Romania (2004-2006) (member);
- The one-industry towns 8ndustrializat in less-favoured areas (2004-2005)(coordinator);
- Optimizing the scenarios for administrative-territorial organization of Bucharest (2003-2004) (member);
- Geographical location of different socio-economic phenomena. Case study: Unemployment in Romania (2003-2004) (member);
- Strategies for optimizing Romania's territorial-administrative organization from the EU integration perspective (2003-2004) (member);
- Spatial sustainable development in the drainage basin of Tisa river – TISARO;
- Defining the concept of spatial development for formulating the urban policies and plans and territorial planning (2002-2004)
- Identifying the development zones as a factor of anticipating and stimulating the improvement of quality of life through sectorial economic restructuring (2001-2003);

INTERACADEMIC COOPEREATION:

- coordinator of the Polish Academy of Sciences –Romanian Academy academic exchange (2018-2022, 2023-2026)
- coordinator of the Hungarian Academy of Sciences –Romanian Academy academic exchange (2023-2026)
- Polish Academy of Sciences (2005, 2007, 2015, 2017, 2019), Academy of Moldova Republic (2002), Israel Academy of Sciences and Humanities (2003, 2011), Hungarian Academy of Sciences (2006), Slovak Academy of Sciences (2008), Hungarian Academy of Sciences (2006), Bulgarian Academy of Sciences (2009), Universite Libre de Bruxelles (2009, 2010) – member

Member in Journal's Editorial Board

Vice-editor of the ***Romanian Journal of Geography/Revue Roumaine de Geographie***, Romania, http://www.rjgeo.ro/editorial-board.html
Member in Scientific Council of ***Czasopismo Geograficzne/Polish Geographical Journal***, Poland, https://ptgeo.org.pl/czasopismo-geograficzne/rada-naukowa/
Member of International Advisory Board of ***Central European Journal of Geography and Sustainable Development (CEJGSD)***, Romania, https://cejgsd.org/editorial-board
Member of Reviewers Board of ***Environment and Ecology Research***, USA, https://www.hrpub.org/journals/jour_reviewers.php?id=40
Member of Editorial Board ***Social Science***, USA, https://www.sciencepublishinggroup.com/journal/202/editorial-board
Member of Board of Reviewers of Urbanism. Architecture. Constructions, Romania, https://uac.incd.ro/EN/index.htm

AWARDS:

- Romanian Academy "Simion Mehedinţi" Award 2010 for the book "*One-industry towns in Romania. Between forcible 9ndustrialization and economic decline*" (published in 2008, in Romanian)
- Award for vision and Research in Architecture, 2017, *Shrinking Cities* Project, The Annual of Architecture (colab.)

November 2026

