CURRICULUM VITAE

Norbert Petrovici

Associate Professor (Dr. habil.), Department of Sociology, Faculty of Sociology and Social Work, Babeș-Bolyai University, Cluj-Napoca

Director, Center for Interdisciplinary Data Science (CIDS), Babeș-Bolyai University

norbert.petrovici@ubbcluj.ro · stiintadatelor.centre.ubbcluj.ro · Nationality: Romanian

ORCID 0000-0002-9485-3762 · **WoS ResearcherID** AAR-6867-2021 · **Scopus** 55323369700 · **Google Scholar** bAKEBA8AAAAJ · **UEF-iD** U-1700-031W-1079

PROFESSIONAL PROFILE

Research. Academic record that fully meets and substantially exceeds the national standards for habilitation in Sociology. The total score under the CNATDCU indicators is 1,477 points, against a minimum threshold of 150, including 159.4 points for WoS/ISI articles (I1) and 11 original articles published in international peer-reviewed journals. The editorial portfolio includes one book as sole author and six volumes as first author or editor. Since obtaining the doctoral degree, 1,450.6 points have been accumulated, reflecting sustained research, publication and scientific coordination.

Projects. Extensive experience in coordinating and implementing applied research projects in urban development, urban economics and territorial analysis for local public administrations, national institutions and international organisations. The portfolio includes strategic projects for municipalities and metropolitan areas such as Cluj-Napoca, Timișoara and Oradea, which support planning decisions with demographic, economic, mobility and housing-market analyses. The work includes studies prepared for the World Bank, local administrations and European programmes, and the coordination of projects on education infrastructure, local economic development, urban mobility and housing policy. The projects integrate administrative and statistical data with advanced analytical tools and produce deliverables used directly in strategic documents, public policies and urban planning processes.

PROFESSIONAL EXPERIENCE

2003 – present

Academic staff, currently Associate Professor

Faculty of Sociology and Social Work, Babeș-Bolyai University, Cluj-Napoca

- Undergraduate and master's courses and seminars: Social Statistics, Urban Sociology, Data Visualisation, Labour Management.
- Coordinator of the master's programme in Complex Data Analysis; doctoral supervisor in the Doctoral School of Sociology.
- Supervision of bachelor's and master's theses that integrate advanced data analysis methods.
- Participation in interdisciplinary research projects on post-socialist urbanisation, regional inequalities and urban governance.

Tenured since 2008. The criterion of institutional fidelity is met: all teaching and research activity has been carried out at Babeș-Bolyai University.

Apr 2019 – present

Director

Center for Interdisciplinary Data Science (CIDS), Babeș-Bolyai University, Cluj-Napoca

- Development and coordination of research projects on social, economic and spatial data.
- Organisation of scientific debates and training activities for students and researchers.
- Collaboration with public authorities and international organisations to apply research in public policy.

May 2019 – present

Short-Term Consultant (STC)

World Bank

- *Improving the Regulatory Framework in the Field of Social Housing* (P507293), Nov 2025 – Jun 2026: diagnostic of the legal and institutional framework of social housing, regulatory instruments and operational recommendations for expanding the social and affordable housing stock.
- *Integrated Community Services and Umbrella RAS* (P508019), May – Dec 2026: operational design of integrated community services in marginalised areas, with housing and social inclusion components.
- *Romania Territorial Planning RAS* (P515971), Aug – Dec 2026: territorial planning instruments that regulate land supply for housing and urban development.
- 2019 – 2023: *Cluj County RAS*, *Urban Policy RAS* and *Romania Sustainable Cities*; the resulting studies are listed under applied research.

Sep 2023 – present

Associate Researcher

Research Center for Regional and Macroeconomic Forecasting, Bucharest University of Economic Studies

- Research on regional development and urban economics.

Sep 2016 – Jul 2019

Consultant and Trainer

The KPI Institute, Australia

- Taught statistics and data visualisation courses in Kuala Lumpur and Dubai.
- Provided data analysis and performance evaluation consulting for international clients.

Aug 2015 – Dec 2019

Member, Technical Commission for Urbanism and Territorial Planning (CTATU)

Cluj-Napoca City Hall

- Statutory technical review of urban planning documentation submitted to the municipality: general and zonal urban plans, urban development and housing projects.

2009 – 2019

Author of the urban sociology and demography sections of statutory planning documentation

Planwerk, Interproiect, Experiment Proiect, Atelier RVD; Cluj County Council; Ministry of Regional Development

- General Urban Plans of Cluj-Napoca (2009–2010), Gherla, Zalău and Odorheiu Secuiesc (2010–2011) and Apahida (2018); Integrated Development Plans for Protected Urban Areas (2016).

EDUCATION AND TRAINING

2025

Habilitation in Sociology

Babeș-Bolyai University, Cluj-Napoca

Oct 2010 – Jul 2011

Postdoctoral Fellowship in Sociology

New Europe College, Bucharest

- Research: “Local Business Circles in Global State Spaces: Political and Economic Regimes of Growth”.

Oct 2003 – Jan 2009

PhD in Sociology

Babeș-Bolyai University, Cluj-Napoca

- Thesis: “Space and Power in an Eastern European City: Reconfiguring Urban Spaces from Socialism to Postsocialism”.

Oct 2002 – Jun 2003

Master's Degree in Sociology

Babeș-Bolyai University, Cluj-Napoca

- Dissertation: “Social Processes and Effects of the Market: The Housing Market in Cluj-Napoca”.

Oct 1998 – Jun 2002

Bachelor's Degree in Sociology

Babeș-Bolyai University, Cluj-Napoca

- Diploma thesis: “Modernization through Leisure in Post-communist Romania”.

TEACHING EVALUATIONS (2024–2025)

The overall average of student evaluations in the 2024–2025 academic year is 4.46, above the faculty average (4.36) and above the minimum eligibility threshold (3.5). Average scores by course: Urban Sociology 4.75; Labour Management 4.50; Data Visualisation 4.00.

COMPETITIVELY FUNDED RESEARCH PROJECTS

Project director

2026 – present

CO/ALIGN – Urban Mobility Transitions through Coalitions: Leveraging and Upscaling Active Citizenship in Multi-level Governance

Principal Investigator for Babeș-Bolyai University. Driving Urban Transitions (DUT) Partnership, Call 2024; funding UEFISCDI, PNCDI IV, contract 153/01.01.2026. Consortium coordinator: Ghent University.

2023 – 2025

Blueprint for Net-Zero Apartment-block Neighbourhoods

Project director for Babeș-Bolyai University. NetZeroCities Pilot Cities Programme, Horizon 2020 (CINEA-H2020-NZC, grant agreement 101036519); UBB contract 701463/09.08.2023. Lead partner: Municipality of Cluj-Napoca.

2019 – 2022

Cluj Future of Work: Jobs and Skills in the Local Economy

Project director for Babeș-Bolyai University. Urban Innovative Actions, European Regional Development Fund. Lead: Municipality of Cluj-Napoca, with the Cluj Cultural Centre.

2018 – 2020

Strategic Cooperative Networks: Exploring the Cluj Information Technology Networks (RoTech)

Project director. UEFISCDI, PN-III Young Independent Research Teams, PN-III-P1-1.1-TE-2016-1691, contract 76/02.05.2018; budget 446,655 lei. Team: Neda Deneva-Faje, Ionuț Földes, Anca Chiș. Firm-level accounting data, 82 interviews with IT employees and decision-makers, and a telephone survey representative of the Cluj Metropolitan Area (873 respondents).

Research team member

2027 –

Direct Calcium Carbonate Hydrogenation for Efficient CO2 Capture and Conversion to Sustainable Chemicals (CHEMSTONE)

Horizon Europe, HORIZON-CL4-2026-01 (proposal 101345910), grant agreement under signature; coordinator Institutt for Energiteknikk. Responsible for the social life cycle assessment component.

2026 – present

RECOVER Centre of Excellence

PNCDI IV, Challenges Programme, Centres of Excellence competition (CoEx); coordinated by Babeș-Bolyai University with the University of Bucharest, Ovidius University, IBB, ICB Cluj, GeoEcoMar and INCDPM. Coordinator of the “Seeds in the cities” component.

2025 – 2027

Strengthening the Research Capacities for Extreme Weather Events in Romania (SCEWERO)

Horizon Europe, grant agreement 101159497, coordinated by Babeș-Bolyai University; director: Adina-Eliza Croitoru. Member since November 2025: national study on public perception of heatwave warnings.

2024

Biocentric Communities: Navigating Nature, Embracing Ecosystems, Promoting Technology (B-CONNECT)

European Urban Initiative, EUI02-036. Directors: Adina-Eliza Croitoru and Csaba Horváth, Babeș-Bolyai University.

2023 – 2026

Place-based Economic Policy in EU's Periphery – fundamental research in collaborative development and local resilience. Projections for Romania and Moldova (PEPER)

NextGenerationEU, National Recovery and Resilience Plan of Romania, Pillar III, C9-I8, contract 760045/23.05.2023.

APPLIED AND POLICY RESEARCH (SELECTION)

2023 – present
Sector research programme for Faber: the economy of the Timișoara Metropolitan Area, the automotive, textile and chemical industries, agriculture and, in 2026, the construction sector
Faber, Timișoara, contract renewed annually.

2025
M100 Guide, chapter "Innovation – data analysis", and lectures at the workshop for M100 cities
Order of Architects of Romania, project Towards Climate-Neutral and Smart Cities through Mutual Learning, Engagement and Capacity-Building (M100), contract 1395/14/02.12.2024. Author.

2023
Study on the Provision of Public Education Facilities in the Timișoara Area
Timișoara City Hall, through Babeș-Bolyai University, contract 8626/22.06.2022. Coordinator: Norbert Petrovici.

2023
Economy in Timișoara: Historical and Territorial Distribution of the Economy in the Timișoara Metropolitan Area
Bright Cityscapes, Timișoara 2023 European Capital of Culture, Centrul de Proiecte Timișoara, no. 1/01.02.2023, through Politehnica University of Timișoara and Faber. Coordinator: Norbert Petrovici.

2022
Oradea Metropolitan Area: Endogenous Potential and the Development of the Infrastructure Needed to Increase Employment
Oradea Metropolitan Intercommunity Development Association, NGL 08, e-MS code ROHU 388. Coordinator: Norbert Petrovici.

2022
Study on the Interconnection of Public Data and Data-based Decision-making in Cluj-Napoca, ANTO-CiiC project
Cluj-Napoca City Hall, through Babeș-Bolyai University, SIPOCA code 629/MySMIS 128473. Coordinator: Norbert Petrovici.

2022
Study on the Provision of Public Education Facilities in Cluj-Napoca, ANTO-CiiC project
Cluj-Napoca City Hall, SIPOCA code 629/MySMIS 128473. Coordinator: Norbert Petrovici.

2022
Sustainable Urban Mobility Corridor (Pedestrian and Cycling) along the Someșul Mic River, Sustainable Urban Mobility Plan 2021–2030
Cluj-Napoca City Hall. Coordinator: Norbert Petrovici.

2021
The Impact of COVID-19 on Romanian Tech Start-ups
Beneficiary: ROTSA, contract 202102/14.07.2021. Coordinator: Norbert Petrovici.

2021
Population and Workforce Substantiation Study, Development Strategy of Bistrița-Năsăud County 2021–2027
Bistrița-Năsăud County Council. Coordinator: Prof. Cornel Ban.

2021
Romania Urbanization Review: Fostering Resilient, Inclusive, Competitive and Well-Governed Cities
The World Bank's Urbanization Reviews. Coordinator: Carli Venter.

2021
Petrovici, N., De Luis Matesanz, R. G., Nae, A.-B. *Support for Elaboration of Urban Policy Implementation Mechanism: Urban Policy Implementation Guide for Each Defined Urban Area Category*. Romania Urban Policy
Washington, D.C.: World Bank Group. Also published in Romanian.

2021
Benedek, J., Moldovan, C., Cristea, M., Varvari, Ș. A. D., Ionescu-Heroiu, M., Petrovici, N., Földes, I., Faje, F. M., Man, T.-C., Dolean, B. E., Haranguș, I. *Cluj County Spatial Plan: Substantiation Study on Social Impact Assessment*
Washington, D.C.: World Bank Group.

2020
Vrabie, A., Petrovici, N., Man, T., Mare, C. (2021). *Mobility Pact. How to Use Data and Strategic Partnerships at City Level for Civic Projects that Improve the Quality of Life in Cluj-Napoca and the Region*
Cluj-Napoca: Cluj University Press. ISBN 978-606-37-1078-0, ISSN 2784-1936, doi:10.52257/9786063710780. Also published in Romanian.

2020 Petrovici, N., Aluaș, V., Bejinariu, V., Földes, I., Chiș, A., Marțiș, D., Man, T., Mare, C., Moldovan, C. *Geography of Teleworking in Cluj-Napoca. Reconfiguring the Urban Space in the COVID-19 Pandemic*
Cluj-Napoca: Cluj University Press (in Romanian).

2020 Petrovici, N., Rat, C., Pop, C., Iovu, M. *Urban Social Policies*
Beneficiary: Ministry of Labour, through the World Bank. Coordinator: Yondela Tembakazi Silimela.

2020 *Cluj-Napoca Municipality and the Cluj Metropolitan Area: Development of the Local Economy in the Decade 2008–2018*
Cluj-Napoca City Hall, through Babeș-Bolyai University, EcZMC2009-2018.

PROFESSIONAL AFFILIATIONS

RUR	Certified sociologist-urbanist (G2), Romanian Register of Urban Planners; right of signature for the urban sociology and demography sections (dossier 309/15.11.2019)
ESA	Member, European Sociological Association (since 2018)
ERSA	Member, European Regional Science Association
SSR	Chair, Urban Sociology Committee, Romanian Sociological Society (2010–2013)

SKILLS

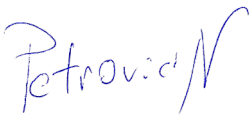
Data analysis	Python, R, SQL, SPSS, Alteryx
Data visualisation	Tableau, Power BI, Microsoft Excel
Spatial analysis	ArcGIS, QGIS, Tableau
Social network analysis	Pajek, Ucinet
Qualitative methods	Atlas.ti, in-depth interviews, focus groups

LANGUAGES

English	advanced (reading, writing, speaking)
French	intermediate (reading); beginner (writing, speaking)
Hungarian	intermediate (reading, writing, speaking)
Italian	intermediate (reading); beginner (writing, speaking)

Date: 9 November 2026

Signature



Norbert Petrovici