PERSONAL INFORMATION

Norbert Szabó

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Sex Male | Date of birth 21 August 1987 | Nationality Hungarian

WORK EXPERIENCE

2022 – present **Assistant professor**
University of Pécs, Faculty of Business and Economics, Department of Economics and Econometrics, Pécs (Hungary)
Courses: Regional economics, International Economics

2016 – 2022 **Assistant lecturer**
University of Pécs, Faculty of Business and Economics, Department of Economics and Econometrics, Pécs (Hungary)

Courses: Regional economics, Regional economics and Development, International Economics, Introduction to economics, Microeconomics seminar, Multisectoral economic modelling seminar

2014 – Present **Research assistant**
University of Pécs, MTA-PTE Innovation and Economic Growth Research Group, Pécs (Hungary)

Assistance in collecting data, statistical calculations and econometric estimations
Active participation in building the new CGE block of GMR-Hungary model

2013 – 2014 **Research assistant**
University of Pécs, Project: TÁMOP-4.2.2.A-11/1/KONV-2012-0058, Pécs (Hungary)

Estimating regional and county level Supply, Use and I-O tables.
Estimating environmental impacts of different industrial interventions.
Further development of the regional and environmental block of the GMR model.

2011 – 2013 **Demonstrator**
University of Pécs, Project: TÁMOP-4.2.1.B-10/2/KONV, Pécs (Hungary)

Estimating regional I-O tables.
Inserting new technologies in I-O tables.
Taking part in developing environmental CGE model for development the GMR-Europe model.

EDUCATION AND TRAINING

Education

2022   **PhD degree**

University of Pécs, Faculty of Business and Economics, Doctoral School in Regional Policy and Economics, Pécs (Hungary).

2018 – 2021   **PhD candidate**

University of Pécs, Faculty of Business and Economics, Doctoral School in Regional Policy and Economics, Pécs (Hungary).

2011 – 2016   **PhD student**

University of Pécs, Faculty of Business and Economics, Doctoral School in Regional Policy and Economics, Pécs (Hungary).

2009 – 2011   **MSc in Economics**

University of Pécs, Faculty of Business and Economics, Pécs (Hungary)
Microeconomics, Macroeconomics, Statistics, Econometrics, Regional economics

2006 – 2009   **BSc in Applied Economics**

University of Pécs, Faculty of Business and Economics, Pécs (Hungary)
Microeconomics, Macroeconomics, Statistics

Trainings and other

2013   **Visiting scholarship at West Virginia University (Regional Research Institute)**

In 2013 TAMOP project provided me an opportunity to spend almost 2 months at RRI to get involved in state of the art regional research methodologies. When I arrived back to Hungary I continued working on Hungarian issues applying these methods.

2013   **Overlapping Generation General Equilibrium Modeling with GAMS (EcoMod)**

Attended and successfully completed the intensive program Overlapping Generation General Equilibrium Modeling with GAMS. This course of EcoMod Modeling School was held at the Free University of Brussels, Belgium, on July 8-12, 2013. The course introduced all the basic tools for constructing and implementing overlapping generations general equilibrium (OLG-GE) models with perfect foresight and finite lifetimes.

2013   **Online Advanced Techniques in General Equilibrium Modeling with GAMS (EcoMod)**

Attended and successfully completed the intensive program Online Advanced Techniques in General Equilibrium Modeling with GAMS. The advanced course of EcoMod Modeling School focused on multinational and multisectoral modeling with imperfect competition and intertemporal dynamics for policy analysis.

2013   **Blue Economy Summer School**

The course was held at the University of Pécs, Faculty of Business and Economics, Hungary. The summer school covered the following topics: methodology and principles of Blue Economy, sustainable entrepreneurship, system thinking, system design, regional development and renewable construction.

PERSONAL SKILLS

Mother tongue(s)   Hungarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	B1	B1	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Computer skills

Good command of Microsoft Office™ tools
User level knowledge about GAMS, MATLAB softwares regarding economic modelling issues
User level command of GIS softwares (QGIS)

OTHER ■

Awards

New National Excellence Program scholarship (PhD candidate), 2018, 2019

Regional Statistic Niveau Award 2nd place (multiple authors), 2013

BDE-RESEARCH diploma award 2nd place, 2011

Summer school courses

Tamás, Sebestyén – Norbert, Szabó (2022): The GMR model framework in policy impact evaluation. POLISS PhD Summer School. Hungary, Pécs. 29 August – 8 September 2022.

Attila Varga - Norbert Szabó (2018): Cohesion Policy impact assessment, 31st ERSA Summer School Regional Policy : Analysis and Planning – Evaluation Theory and Practice 1-8 July 2018, Bratislava, Slovakia.

Publications ■

2023

Varga, A. – Sebestyén, T. – Szabó, N. – Szerb, L. (2023): Measuring the Effects of Policies Targeting Entrepreneurial Ecosystems: An Application of the GMR Framework with REDI. In: Acs, Z. J – Lafuente, E. – Szerb, L. (eds): The Entrepreneurial Ecosystem: A Global Perspective. Springer Nature. pp. 207-245.

2022

Attila Varga , Zsolt Bedő , Katalin Erdős, Norbert Szabó (2022): The economic impact assessment of entrepreneurial ideas in the Smart Specialisation Policy: illustrative policy simulations in Baranya county, Hungary. ERSA 2022 draft paper.

Erdős, Katalin; Szabó, Norbert; Veréb-Miskolczi, Zsófia; Varga, Attila (2022): Assessing the spatial economic impacts of the University of Pécs with the GMR-Hungary model. Working paper.

2021

Szabó, Norbert; Farkas, Richárd; Varga, Attila (2021): The economic effects of passenger transport infrastructure investments in lagging regions. Would the increase in commuting be beneficial for regional development? Growth & Change, Vol. 52, No. 2, pp. 2099-2123.

2020

Varga, Attila; Szabó, Norbert; Sebestyén Tamás (2020): Economic impact modelling of smart specialization policy: Which industries should prioritization target? Papers in Regional Science, Vol. 99, No. 5, pp. 1367-1388.

Attila Varga, László Szerb, Norbert Szabó, Tamás Sebestyén (2020): Estimating the economic impacts of knowledge network and entrepreneurship development in smart specialisation policy. *Regional Studies*, Vol. 54, No. 1, pp. 48-59.

Varga, Attila; Szerb, László; Sebestyén, Tamás; Szabó, Norbert (2020): Economic Impact Assessment of Entrepreneurship Policies with the GMR-Europe Model. In: Stenkula, Mikael; Marx, Axel; Sanders, Mark (eds.) The Entrepreneurial Society : A Reform Strategy for Italy, Germany and the UK. Springer-Verlag, pp. 39-70.

Attila, Varga; Norbert, Szabó ; Tamás, Sebestyén ; Richárd, Farkas ; László, Szerb ; Éva, Komlósi ; Péter, Járosi ; Krisztina, Andor ; Anna, Csajkás (2020): The GMR-Hungary multiregion – multisector economic impact model. Research report. University of Pécs, Faculty of Business and Economics.

2018

Attila Varga, Tamás Sebestyén, Norbert Szabó, László Szerb (2018): Economic Impact assessment of

Entrepreneurship policies with the GMR-Europe Model. FIRES Deliverable 4.6., D4.6 GMR model for Europe linking Entrepreneurship, Institutions and Growth.

2015   Szabó Norbert (2015): Methods for regionalizing input-output tables. *Regional Statistics*. Vol. 5, No. 1, pp. 44-65.

2014   Attila Varga, Orsolya Hau-Horváth, Norbert Szabó, Péter Járosi (2014): Environmental Innovation Impact analysis with the GMR-Europe Model, *Regional Statistic*, Vol. 4, No. 2, pp. 3-17.

2013   Attila Varga, Orsolya Hau-Horváth, Norbert Szabó, Péter Járosi (2013): Blue Economy Innovation Impact Assessment with the GMR-Europe Model, *Technology and Investment*, Vol. 4, No. 4, pp. 213-223.