

Curriculum Vitae



First name / Surname: Dr. habil Nóra Hegedűsné Baranyai, PhD

Gender: Female

Place of birth: Orosháza

Date of birth: 26 January 1978

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Education:

- 2001-2014 PhD student, University of Pannonia Georgikon Faculty,
field of Social Sciences on the subject of Management and Business
Thesis title: A study of agricultural processes by using time series models
(PhD title in 2007)
- 1996 - 2001: MSc in agricultural economics
University of Veszprém Georgikon Faculty of Agriculture, Keszthely (Hungary)
- 2002 - 2003: Network Tutoring
FOK Nonprofit CPA, Budapest (Hungary)

Work experience:

- 2025-: University Pannonia Nagykanizsa, University Center for Circular Economy, Acting Deputy Director
- 2024-: University Pannonia Nagykanizsa, University Center for Circular Economy, Soós Ernő Research and Development Center, Renewable Energy Research Group, Head of Research Group
- 2020- : University Pannonia Nagykanizsa, University Center for Circular Economy, Soós Ernő Research and Development Center, Renewable Energy Research Group, Hungary: associate professor
- 2017- 2020: University of Pannonia, Georgikon Faculty, Keszthely, Hungary: vice dean
- 2015-2020: University of Pannonia, Georgikon Faculty, Department of Economic Methodology, Keszthely, Hungary : head of department
- 2014-2020: University of Pannonia, Georgikon Faculty, Keszthely, Hungary: associate professor
(courses: Statistics, Information Systems in Agribusiness, Regional analysis methods)
- 2008 - 2014: University of Pannonia, Georgikon Faculty, Keszthely, Hungary: senior lecturer
- 2005 - 2008: University of Pannonia, Georgikon Faculty, Keszthely, Hungary: assistant lecturer
- 2009 - 2011: University of Pannonia, Georgikon Faculty, Keszthely, Hungary: department engineer

Projects:

- 2024: 2021-1.2.6.-TÉT-IPARI-MA-2022-00025 The role of electrochemical energy storage in sustainable energy management in Hungary and Morocco, researcher
- 2021: KA220-HED - Cooperation partnerships in higher education ERASMUS+
- 2022: 2021-2.1.2-HŰ-2021-00004 Development of a thermal storage unit for waste heat storage and transport, researcher
- 2022: 2021-2.1.1-EK-2021-00002 Tesseract Storage, researcher
- 2022: 2021-2.1.1-EK-2021-00001 An examination of the grid role of vanadium redox batteries in the regulation of photovoltaic power plants, researcher

2022: 2021-2.1.1-EK-2021-00007 An examination of the use of sodium-sulfur batteries in smart grids and in joint operation with lithium-ion energy storage technologies, researcher

2022: RRF-2.3.1-21-2022-00009 National Laboratory of Renewable Energy, researcher

2022: CESP Hydrogen and Battery Establishing a hydrogen and battery research and development platform in Central Europe Establishing a hydrogen and battery research and development platform in Central Europe, researcher

2020: Power-to-Gas pilot project Hungary, researcher, Hungary, Nagykanizsa

2020: AÖU researcher: Austria-Hungary (Wien, BOKU – Keszthely PE-GK) „Analyse der Effizienz und der Anwendungsmöglichkeiten von Konzentrator-Photovoltaik-Solarmodulen“

2019: 2019-2.1.11-TÉT-2019-00052 Kazakh-Hungarian energy strategy research

2018-2019: AÖU researcher: Austria-Hungary (Wien, BOKU – Keszthely PE-GK) „Einfluß der Solarnachführung auf die Effizienz von Solar Modulen“

2017-: EFOP-3.4.3-16-2016-00009 lecturer, Pannon University, Georgikon Faculty

2015-: Project management education in Székelyudvarhely (Odorheiu Secuiesc, Romania), MÜTF study center

2013-2015: University of Pannonia TÁMOP-4.1.1.C-12/1/KONV-2012-0017 „ Pannon modell”- lecturer of the Georgikon Faculty

2013-2015: University of Pannonia TÁMOP-4.2.2.B-15/1/KONV-2015-0004 coordinator of the Georgikon Faculty

2015-2016: Research in the pig sector I. Ministry of Agriculture project, professional leader

2016-2017: Research in the pig sector II. Ministry of Agriculture project, professional leader

2017-2018: Research in the pig sector III. Ministry of Agriculture project, professional leader

2018-2019: Research in the pig sector IV. Ministry of Agriculture project, professional leader

Patent submissions:

8 accepted patents (P2100339, P2100437, P2100209, P2200156, P2100170, P2200103, P2100394, P2300095)

Awards:

2018: Hungarian Gold Cross of Merit, President of Republic Hungary

2015: Excellent employee University of Pannonia, Georgikon Faculty

2024: Excellent educator-researcher University of Pannonia, University Center for Circular Economy

Languages:

Hungarian: mother tongue
working knowledge of English
working knowledge of German

Professional Activities:

2017 - : member of the Veszprém Committee of Communication, Hungarian Academy of Sciences

2013 - : member of the public body of the Hungarian Academy of Sciences

2006 - 2020 : member of the Organization Committee of the Georgikon Scientific Days International Conference

2021-: member of the Energy Management Scientific Association

2024: member of the Scientific Committee, University of Pannonia

2024: member of the Specialist Committee, University of Pannonia, University Centre for Circular Economy

2024: member of the Committee on Discipline and Compensation University of Pannonia University Centre for Circular Economy

2024: member of the Quality Improvement Working Group University of Pannonia University Centre for Circular Economy

2025-: member of the Research Ethics Committee, University of Pannonia

Current Courses and Research:

University courses: Statistics, Energy challenges, impacts, trends and changes in global energy demand, Research methodology and scientific writing, The regional analysis of the energy systems of renewable energies

Research fields: renewable energy sources, data analysis, regional analysis

The publications:

Impact factor: 118.592 (11/03/2025)

See the most important ones on the following webpage:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10026789>

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Dr. habil Nóra Hegedűsné Baranyai