

Name: Dr. Zoltán Gabnai, Ph.D.	Year of birth: 1988
College or university degree and qualification, issuer and year of the diploma	
<ul style="list-style-type: none"> • <i>Agribusiness Manager, University of Debrecen GTK (2014)</i> 	
Current workplace(s), position(s) listed in the appointment, in case of multiple workplaces, <u>underline</u> the institution you have a “declaration of exclusivity” (accreditation) with.	
<ul style="list-style-type: none"> • <i>University of Debrecen, Faculty of Economics and Business, Institute of Applied Economics, Department of Business Economics and Business Development – Research Fellow</i> 	
Scientific degree (PhD, Csc, DLA) (in case of a recent PhD/DLA (i.e. within 5 years) add the title of the dissertation as well) or Academy of Sciences/Arts title/membership (“dr. habil” title, doctor of the Hungarian Academy of Sciences (DSc) title; by indicating the discipline and the date), other titles	
<ul style="list-style-type: none"> • <i>Ph.D. (Business and Management) 2019, title: Economic evaluation of wastewater plant technologies and their role in energy, nutrient and carbon dioxide management</i> 	
Educational activity so far	
<ul style="list-style-type: none"> • <i>Years spent in education: 8; experience in English teaching: 3 years</i> • <i>Courses (in Hungarian): Managerial Economics, Economic Sciences II., Production and Operation Management, Introduction to Management, Project Management, Innovation Management, Corporate innovation</i> • <i>Courses (in English): Production and Operation Management</i> • <i>As supervisor of BSc/BA and MSc/MA theses works: 11</i> 	
Relationship between the professional/research activity of the tutor and the course(s) to be taught	
<p>a) publications in the (specific) <u>professional area</u> (at most 5 typical publications)</p> <ol style="list-style-type: none"> 1) Lengyel, P., Bai, A.*, <u>Gabnai, Z.*</u>, Mustafa, O. M. A., Balogh, P., Péter, E., Tóth-Kaszás, N., Németh, K. (2021). Development of the Concept of Circular Supply Chain Management—A Systematic Review. <i>Processes</i>, 9(10), 1740. 2) Szakály, Z., Balogh, P., Kontor, E., <u>Gabnai, Z.*</u>, & Bai, A. (2021). Attitude toward and Awareness of Renewable Energy Sources: Hungarian Experience and Special Features. <i>Energies</i>, 14(1), 22. 3) Németh, K., Birkner, Z., Katona, A., Göllény-Kovács, N., Bai, A., Balogh, P., <u>Gabnai, Z.*</u>, Péter, E. (2020). Can Energy be a “Local Product” Again? Hungarian Case Study. <i>Sustainability</i>, 12(3), 1118. 4) Balogh, P., Bai, A., Czibere, I., Kovách, I., Fodor, L., Bujdos, Á., Sulyok, D., <u>Gabnai, Z.*</u>, Birkner, Z. (2021). Economic and Social Barriers of Precision Farming in Hungary. <i>Agronomy</i>, 11(6), 1112. 5) <u>Gabnai, Z.</u>: Energy alternatives in large-scale wastewater treatment, APSTRACT: Applied Studies in Agribusiness and Commerce, 2017, Volume 11, issue Number 3-4, p. 273-284. <p>b) further scientific research, development, creative or artistic achievements</p> <ul style="list-style-type: none"> • <i>Fields of research:</i> the most important topics are the followings: economic and environmental evaluation of sustainability and environmental protection activities; feasibility of circular economy and blue economy; assessment of renewable energy sources and waste management; sustainability efforts, case studies, related analyzes in agriculture; precision farming; establishment and management of innovative startups and innovation activities, system innovations • <i>Number of publications:</i> 62, with 268 independent citations. <i>Number of scientific publications:</i> 57, of which scientific journal articles: 28 (14 international, 14 national). Educational works: 3. Hirsch index: 10. Cumulative Impact Factor: 54.506. <p>MTMT list: https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10051638</p> <p>c) professional expertise, experience, certifiable reputation</p> <ul style="list-style-type: none"> • <i>Research scholarship:</i> 2020-2021: ÚNKP-20-4 Scholarship. Title of research work: Investigation of the feasibility of circular economy at regional and municipal level, with special regard to waste management and renewable energy sources. 	

- *Membership in scientific professional committees and bodies:* Hungarian Academy of Sciences DAB, Renewable Energy Working Group, member (2014-)
- *Editorial Board Memberships:* Role as guest editor in Processes (MDPI, Q2, IF 2.753) journal, (title of special issue: „The Process and Modelling of Renewable Energy Sources”) (2020-), and Energies (MDPI, Q2, IF 3,004) journal (title of special issue: „Alternative Fuels in Transportation”) (2021-)