

## Personal and professional data sheet

Name: <b>Dr. habil Róbert Szilágyi</b>	Year of birth: 1978
College or university degree and qualification, issuer and year of the diploma	
<ul style="list-style-type: none"> <li>- <i>Agribusiness Engineer, University of Debrecen MTK (2001)</i></li> <li>- <i>Business management, MBA specification, University of Debrecen AVK (2008)</i></li> <li>- <i>Teacher of economics, University of Debrecen GTK (2019)</i></li> </ul>	
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"> <li>- <i>University of Debrecen, Faculty of Economics and Business, Institute of Applied Informatics and Logistics, Business informatics Department – associate professor</i></li> </ul>	
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"> <li>- <i>PhD (management and business) 2006</i></li> <li>- <i>dr. habil. (management and business) 2013 .</i></li> </ul>	
Educational activity so far	
<ul style="list-style-type: none"> <li>- <i>Time in education: 20 years; English language teaching experience: 6 years;</i></li> <li>- <i>Subjects in Hungarian: Economic informatics, Business informatics, Informatics, Special GIS knowledge, Agricultural information systems, Sector information systems, E-administration, Multimedia, Informatics in consulting, Management information systems, Higher IT knowledge, Introduction to sport informatics;</i></li> <li>- <i>Subjects in foreign languages: Informatics, Business informatics, Agri-information systems, Food Chain Safety Knowledge;</i></li> <li>- <i>Development and introduction of new subjects in higher education: Sectoral information systems;</i></li> <li>- <i>Consultation: Diploma and thesis: 98 people, Faculty TDK thesis: 14 people, OTDK thesis: 6 people;</i></li> <li>- <i>Function (s) in doctoral training: UD Károly Ihrig Doctoral School: supervisor, lecturer;</i></li> <li>- <i>Ongoing supervision: 2 people;</i></li> </ul>	
Relationship between the professional/research activity of the tutor and the course(s) to be taught	
a) publications in the (specific) <u>professional area</u> (at most 5 typical publications)	
<ul style="list-style-type: none"> <li>- Herdon, M. – Kapronczai, I. – Szilágyi, R. (2015): Agrárinformációs rendszerek. Debreceni Egyetemi Kiadó. 2015. 167 p. ISBN 978-963-473-822-0</li> <li>- Szilágyi, R. – Herdon, M. (2013): Augmented Reality (AR) Applications in Agriculture, In: Szerk.: Zacharoula Andreopoulou, Szerk.: Vagis Samathrakis, Szerk.: Soulla Louca, Szerk.: Maro Vlachopoulou E-Innovation for Sustainable Development of Rural Resources During Global Economic Crisis. Hershey: IGI Global, Information Science Reference, 65-79.pp.</li> <li>- Botos, Sz. – Szilágyi R. – Felföldi J. – Tóth M. (2020): Readiness for ICT Based B2C Information Flow – Case Study of the Hungarian Food Sector, Agris On-Line Papers In Economics And Informatics 12 (2) pp. 41-51.</li> <li>- Tóth, M.- Dér, D. - Botos, Sz.- Szilágyi, R. (2019): Computer vision in agriculture, application development using open source tools and systems, Agrárinformatika / Journal Of Agricultural Informatics 10 (2) 37-47pp.</li> <li>- Takács, V., Takácsné Bubnó, K., Ráthonyi, G., Bácsné Bába, É., Szilágyi, R.(2020): Data Warehouse Hybrid Modeling Methodology, Data Science Journal. 19 (1), 1-23pp.</li> </ul>	
b) further scientific research, development, creative or artistic achievements	

- *Research field:* During the 20 years spent in the scientific field, the most important fields of his research were the following: business and agricultural application possibilities of informatics. His research also covers electronic administration and research in the field of sports informatics. Ongoing research is the application of IoT in agricultural decision making, the use of data analysis in decision support with business intelligence solutions. Examining the use of ICT by SMEs;

- *Number of its publications:* 126, to which 86 independent references have been made so far. The number of scientific publications: 125, of which 45 are scientific journal articles, of which 9 have been published in international journals, 21 in foreign-language Hungarian journals and another in 14 Hungarian-language Hungarian journals. Number of educational works: 1, of which higher education textbook / textbook chapter: 1. Hirsch index 5. Total impact factor 3.842.

MTMT list: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10015161>

c) professional expertise, experience, certifiable reputation

- *Secretary of the Hungarian Agricultural Informatics Association (2008-2020)*
- *Commemorative medal for agricultural informatics, Zsolt Harnos award (2013)*
- *Member of the János Neumann Computer Science Society*
- *Member of the Hungarian Agricultural Economics Association*
- *Member of the editorial board of the Journal of Agricultural Informatics*
- *Dean's Certificate of Recognition (2005)*
- *Teacher of the Year Award (2016)*