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Researcher

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CURRICULUM

2005 - 2010	Technical University of Košice, Faculty of Mechanical Engineering
2010	Mechanical engineer in environmental engineering
2010 - 2011	Researcher
2011 -	Researcher
2011 - 2015	External doctoral studies in environmental engineering
2018 - 2019	Certificate of completion of a course in higher education pedagogy (IGIP)

LANGUAGE SKILLS

- English language
- Hungarian language

SCIENTIFIC ORIENTATION

- Development and verification of catamaran equipment for collecting impurities from standing waters.

PROJECTS (COORDINATOR, CO-RESOLUTOR)

- Co-researcher on the OPVaV project (OPVaV ITMS 26220220028) Implementation and modification of technology to reduce the occurrence of cyanobacteria in still waters
- KEGA 048TUKE-4/2015 "The use of the results of scientific research in the teaching of the subjects" Fundamentals of Environmental Studies "and" Environmental Engineering "using multimedia technologies".

- KEGA 049TUKE-4/2012 "The use of the results of scientific research in the teaching of the subjects" Fundamentals of Environmental Studies "and" Environmental Engineering "using multimedia technologies.
- KEGA 032TUKE-4/2012 "New forms of teaching and increasing the effectiveness of education with the support of ICT for the needs of environmental study programs".
- KEGA 045 TUKE-4/2018 Transfer of the latest research findings into the elaboration of the university textbook "Environmental aspects of engineering design - Ecodesign".
- KEGA 041 TUKE-4/2018 Transfer of knowledge from scientific research activities in the field of disassembly and recycling of products into the processing of university textbooks.
- VEGA 1/0537/15 Research into the influence of selected parameters of the working environment on work performance and productivity.
- Project of doctoral students and young researchers of the FME - Research in the field of evaluation of the quality of the working environment and its impact on the health of employees in the processes of engineering operations.
- APVV - 15-0327 Development and research of methodologies for optimization of acoustic properties and acoustic quality of noise emitting devices.
- TECHNICOM Park - ITMS 26220220182 "TECHNICOM University Science Park for innovative applications with the support of knowledge technologies".
- 10_PA04-C1 "REWATER" Danube region project fund of the European Union Strategy for the Danube region.
- Recycling Fund - RF 020110003/17 Integrated research platform for the recovery of individual elements of waste, especially from the automotive industry.
- UNIVNET 0201/0004/20 University and industrial research and education platform of a recycling company.

MEMBERSHIP, AWARDS

- Membership in DAAAM International Vienna
- Membership in organizing committees of domestic conferences

FOREIGN STAYS

2013	Language stay abroad EF - St. Julians - Malta
2013	Cracow University of Technology, Production Engineering Institute al. Jana Pawla II 37, 31-864 Kraków, Poland
2017	Technical University of Cluj-Napoca, Machine Building Faculty- Department of Manufacturing Engineering, Romania
2018	Czestochowa University of Technology, ul. Dabrowskiego 69, Poland
2018	Study stay at Bergische Universität Wuppertal, Germany
2019	Study stay in the company SILENTIUM Ltd., TEL-AVIV, Israel
2019	Budapest University of Technology and Economics, Budapesti Műszaki és Gazdaságtudományi Egyetem, 1521, Budapest, Műegyetem rkp. 3., Hungary

THE MOST IMPORTANT PUBLICATIONS

- [1]. BADIDA, Miroslav - MORAVEC, Marek - PIŇOSOVÁ, Miriama - ANDREJIOVÁ, Miriam - PÁSTOR, Kristián - NOVÁKOVÁ, Alžbeta - **DZURO, Tibor.: Analysis and Research on the Use of Bulk Recycled Materials for Sound Insulation Applications.** Spôsob prístupu: <http://dx.doi.org/10.3390/su141811539...> - 2022. In: Sustainability. - Bazilej (Švajčiarsko): Multidisciplinary Digital Publishing Institute Roč. 14, č. 18 (2022), s. [1-17] [online]. - ISSN 2071-1050 (online).
- [2]. GUMANOVÁ, Veronika - SOBOTOVÁ, Lýdia - **DZURO, Tibor** - BADIDA, Miroslav - MORAVEC, Marek.: **Experimental survey of the sound absorption performance of natural fibres in comparison with conventional insulating materials.** Spôsob prístupu: <http://dx.doi.org/10.3390/su14074258...> - 2022. In: Sustainability. - Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 14, č. 7 (2022), s. [1-16] [online]. - ISSN 2071-1050 (online).
- [3]. MORAVEC, Marek - BADIDA, Miroslav - MIKUŠOVÁ, Nikoleta - SOBOTOVÁ, Lýdia - ŠVAJLENKA, Jozef - **DZURO, Tibor: Proposed options for noise reduction from a wastewater treatment plant: Case study** - 2021. In: Sustainability. - Bazilej (Švajčiarsko): Multidisciplinary Digital Publishing Institute Roč. 13, č. 4 (2021), s. [1-22] [online]. - ISSN 2071-1050 (online).
- [4]. ŠVAJLENKA, Jozef - KOZLOVSKÁ, Mária - BADIDA, Miroslav - MORAVEC, Marek - **DZURO, Tibor** - VRANAY, František: **Analysis of the Characteristics of External Walls of Wooden Prefab Cross Laminated Timber** - 2020. In: Energies. - Basel (Švajčiarsko): Multidisciplinary Digital Publishing Institute Roč. 13, č. 22 (2020), s. 1-14 [online]. - ISSN 1996-1073 (online) Spôsob prístupu: <https://www.mdpi.com/1996-1073/13/22/5974>.
- [5]. SOBOTOVÁ, Lýdia - BADIDA, Miroslav - **DZURO, Tibor. Recyklačné technológie pre materiálové zhodnotenie komponentov produktov na konci ich životného cyklu** - 1. vyd. - Košice : Technická univerzita v Košiciach - 2022. - 215 s.. - ISBN 978-80-553-4174-3.