

Research/teacher profile of a person

Date of last update | 27/01/2024

I. Basic information	
I.1 Surname	Orinčák
I.2 Name	Michal
I.3 Degrees	Associate Professor, Ing., PhD.
I.4 Year of birth	1978
I.5 Name of the workplace	Department of Public Administration and Crisis Management
I.6 Address of the workplace	Academy of the Police Force in Bratislava, Sklabinská 1, 835 17 Bratislava
I.7 Position	Associate Professor
I.8 E-mail address	michal.orincak@minv.sk michal.orincak@akademiapz.sk
I.9 Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/10088
I.10 Name of the study field in which a person works at the university	Security Sciences
I.11 ORCID iD	

II. Higher education and further qualification growth			
	II.a Name of the university or institution	II.b Year	II.c Study field and programme
II.1 First degree of higher education	-	-	-
II.2 Second degree of higher education	Faculty of Special Engineering, University of Žilina, Department of Fire Engineering	2002	Department of Civil Security (Crisis Management specialization)
II.2a Rigorous procedure	-	-	-
II.3 Third degree of higher education	Faculty of Security Engineering, University of Žilina, Department of Fire Engineering	2005	8.3.6 rescue services
II.4 Associate professor	Faculty of Security Engineering, University of Žilina, Department of Fire Engineering	2018	8.3.6 rescue services
II.5 Professor	-	-	-
II.6 Doctor of Science (D.Sc.)	-	-	-
II.7 Further education	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

III. Current and previous employment		
III.a Occupation-position	III.b Institution	III.c Duration
University teacher	Academy of the Police Force in Bratislava	since 2020 Associate Professor
University teacher	Faculty of Security Engineering, University of Žilina, Department of Fire Engineering	since 2019 to 2020 Associate Professor since 2005 to 2018 special assistant since 2002 to 2005 doctoral student

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IV. Development of pedagogical, professional, language, digital and other skills

IV.a Activity description, course name, other	IV.b Name of the institution	IV.c Year
Training "Fire simulation programs"	Slovak Academy of Sciences, Institute of Informatics SAV	2008
Training "Simulation technologies in crisis situations"	Armed Forces Academy in Liptovský Mikuláš, Simulation Center	2013
Medical course "33 hour first aid course"	Slovak Red Cross, Zilina	2015
Passing the qualification exam „III. VM qualification level "	Voluntary fire protection of the Slovak Republic, Žilina	2015
Certificate of professional competence in the field of civil protection of the population	Crisis Management Section of the Ministry of the Interior of the Slovak Republic	2022

V. Overview of activities within the teaching career at the university

V.1 Overview of the profile courses taught in the current academic year according to study programmes

V.1a Name of the profile course	V.1b Study programme	V.1c Degree	V.1d Field of study
Crisis management 1	Security services in public administration	1.	Security Sciences
Crisis management 2	Security services in public administration	1.	Security Sciences
Legislation of crisis situations	Security services in public administration	2.	Security Sciences
Fire engineering	Security services in public administration	2.	Security Sciences
XY			

V.2 Overview of the responsibility for the delivery, development and quality assurance of the study programme or its part at the university in the current academic year

V.2a Name of the study programme	V.2b Degree	V.2c Field of study
Security services in public administration	1., 2., 3.	Security Sciences

V.3 Overview of the responsibility for the development and quality of the field of habilitation procedure and inaugural procedure in the current academic year

V.3a Name of the field of habilitation procedure and inaugural procedure	V.3b Study field to which it is assigned

V.4 Overview of supervised final theses

	V.4a Bachelor's (first degree)	V.4b Diploma (second degree)	V.4c Dissertation (third degree)
V.4.1 Number of currently supervised theses	4	4	0
V.4.2 Number of defended theses	59	70	0

V.5 Overview of other courses taught in the current academic year according to study programmes at the Academy of the Police Force in Bratislava

V.5a Name of the course	V.5b Study programme	V.5c Degree	V.5d Field of study
Protection against dangerous substances	Security services in public administration	1.	Security Sciences
Crisis management	Security and Legal Protection of Persons and Property	2.	Security Sciences

Legal regulation of crisis management in public administration	Security services in public administration	3.	Security Sciences		
Concepts of developing an integrated rescue system	Security services in public administration	3.	Security Sciences		
XY					
V.6 Overview of other courses according to study programmes for the last six years at the Academy of the Police Force in Bratislava					
V.6a Name of the course	V.6b Study programme	V.6c Degree	V.6d Field of study		
Firefighting and rescue work	Security services in public administration	1.	Security Sciences		
Security research methodology	Security services in public administration	3.	Security Sciences		
XY					
XY					
XY					
V.7 Overview of other courses taught in further specialised education¹					
V.7a Name of the course/training	V.7b Study programme	V.7c Degree	V.7d Institution	V.7e Field of study	V.7f Year
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
XY					
XY					
V.8 The most significant pedagogical activity at other universities (maximum of five)					
V.8a Name of the course/training	V.8b Study programme	V.8c Degree	V.8d Institution	V.8e Field of study	V.8f Year
Crisis management I - natural Environmental crises Topography, cartography, GIS Company protection IV - Fire protection Fire prevention - II BOZP in emergency services	Rescue services	1.	Faculty of Security Engineering, University of Žilina, Department of Fire Engineering	Rescue services	2002 - 2020
Information systems in RS Rescue technology Organization FP - II Management and organization of FP Chemical and biological safety Radiation safety	Rescue services	2.	Faculty of Security Engineering, University of Žilina, Department of Fire Engineering	Rescue services	2002 - 2020
Expert lectures on the topic "Rescue work in landslides, construction accidents and disasters"	-	-	Professional seminar CO and KM "Protection of the population in case of emergencies and during emergencies caused by slope deformations, landslides"	-	2017
Expert lecture "Development of flood protection and flood rescue service in the Slovak Republic"	-	-	Police Academy of the Czech Republic, Prague	-	2017

¹ The courses listed in this category are listed in connection with the system of lifelong learning, which the scientific and pedagogical employees of the Academy of the Police Force in Bratislava implement with the entities of the Ministry of Interior of the Slovak Republic and other entities of the security administration.

Lectures "Rescue Technology" - one-week internship	-	-	Tomas Bata University in Zlín, Czech Republic, Faculty of Logistics and Crisis Management	-	2019
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VI. Profile of the quality of research/other outputs (overview of the research/other outputs and corresponding citations)

VI.1 Overview of the research/other outputs and the corresponding citations		
	VI.1a Overall	VI.1b Over the last six years
VI.1.1 Number of the research/other outputs	120	54
A+	9	5
A	18	7
A-	27	11
B	28	11
C	28	10
VI.1.2 Number of the research/other outputs registered in the Web of Science or Scopus databases	7	7
VI.1.3 Number of citations corresponding to the research/other outputs	83	43
VI.1.4 Number of citations registered in the Web of Science or Scopus databases	19	19
VI.1.5 Number of invited lectures at the international/national level	3/5	2/3
VI.1.6 Number of projects granted for the funding of research	2	1
VI.2 The most significant research/other outputs (maximum of five)		
1.	<p>ACB Solving natural crisis situations / Pavel POLEDNÁK, Michal ORINČÁK ; vedecký redaktor: Anton Osvald. - 1. vyd. - Žilina : Žilinská univerzita, 2011. - 232 s., [AH 12,14; VH 12,56] : obr., tab. - ISBN 978-80-554-0339-7.</p> <p>[Poledňák Pavel (30%) - Orinčák Michal (70%) = 8,498 AH]</p> <p>The university textbook deals with the solution of crisis situations of a natural nature, their characteristics, origin and effects on man, his property and nature. The aim of the textbook is to clarify the issue of crisis situations of a natural nature and their possible solutions not only in the Slovak Republic but also abroad.</p>	
2.	<p>ACB Responding to environmental and natural crisis situations / Mária ŠIMONOVÁ, Michal ORINČÁK ; vedecký redaktor: Anton Osvald. - 1. vyd. - Žilina : Žilinská univerzita, 2012. - 128 s., [AH 9,73; VH 10,14] : obr., tab. - ISBN 978-80-554-0631-2.</p> <p>[Polorecká Mária (60%) - Orinčák Michal (40%) = 3,892 AH]</p> <p>The university textbook deals with the solution of crisis situations of an environmental and natural nature, their characteristics, origin and effects on man, his property and nature. The aim of the textbook is to clarify the issue of crisis situations of environmental and natural nature and their possible solutions not only in the Slovak Republic but also abroad.</p>	
3.	<p>ACA Rescue technology / Michal ORINČÁK, Jana MÜLLEROVÁ ; vedecký redaktor: Jozef Stieranka. - 1. vyd. - Hodonín : Evropský ústav práva a soudního inženýrství, 2016. - 256 s., [AH 10,01] - ISBN 978-80-906601-3-7.</p> <p>[Orinčák Michal (50%) = 5,05 AH - Müllerová Jana (50%)]</p> <p>The university textbook deals with the technologies of rescue work, procedures and activities necessary for their implementation in various conditions of intervention. At the same time, it describes possible dangers and protection during their implementation. The aim of the textbook is to clarify the issue of rescue work, their implementation in different environments and describe the possible dangers in their implementation.</p>	
4.	<p>ACB MÜLLEROVÁ, J., ORINČÁK, M.: Danger of chemical leakage. Bratislava: Akadémia Policajného zboru v Bratislave, 2020, 149 str., [AH 5,28] - ISBN 978-80-8054-874-2 (tlačaná verzia).</p> <p>[Orinčák Michal (50%) = 2,64 AH - Müllerová Jana (50%)]</p> <p>The university textbook deals with the basic methodology for evaluating the leakage of a chemical hazardous substance in practice. It provides basic information and data on the nature of chemical hazardous releases depending on their specific properties, meteorological and terrain conditions. It is intended for students studying security sciences and also for the professional public in the field of civil protection and rescue services. The intention of the university textbook is to clarify in an understandable way the issue of evaluating the leakage of a chemical hazardous substance in practice through conventional calculation and also by selected evaluation software. The calculation procedure and methodology of software evaluation of chemical hazardous substance leakage are explained on specific practical examples.</p>	

5.	<p>ACB ORINČÁK, M., MÜLLEROVÁ, J.: Topography and geographic information system in security services. Bratislava: Akadémia Policajného zboru v Bratislave, 2021, 223 str. [AH 7,02] - ISBN 978-80-8054-920-6 (tlačená verzia). [Orinčák Michal (50%) = 3,51 AH - Müllerová Jana (50%)]</p> <p>The university textbook deals with cartography, topography, and geographic information system, as well as the possibilities of their use in security sciences. It also describes the basics of field orientation and topographic survey. It is intended for students studying security sciences and also for the professional public in the field of civil protection and rescue services. The aim of the textbook is to clarify in a comprehensible way the issues of cartography, topography, and geographic information system, their possible use in the intervention and also describe the basics of field orientation and topographic survey using mobile applications in practice.</p>
VI.3 The most significant research/other outputs over the last six years (maximum of five)	
1.	<p>ACB MÜLLEROVÁ, J., ORINČÁK, M.: Fire dynamics . Bratislava: Akadémia Policajného zboru v Bratislave, 2021, 272 str. [AH 7,8] - ISBN 978-80-8054-918-3 (tlačená verzia). [Orinčák Michal (50%) = 3,9 AH - Müllerová Jana (50%)]</p> <p>The university textbook deals with the theory of fire dynamics with an emphasis on dangerous fire phenomena in internal fires. It is intended for students studying security sciences as well as the professional public in the field of rescue services. The pedagogical intention of the textbook is to clarify the issues of fire dynamics, physical laws of fire propagation, basic quantities determining the dynamics of fire and the conditions of dangerous fire phenomena.</p>
2.	<p>ACB ORINČÁK, M., MÜLLEROVÁ, J.: Topography and geographic information system in security services. Bratislava: Akadémia Policajného zboru v Bratislave, 2021, 223 str. [AH 7,02] - ISBN 978-80-8054-920-6 (tlačená verzia). [Orinčák Michal (50%) = 3,51 AH - Müllerová Jana (50%)]</p> <p>The university textbook deals with cartography, topography, and geographic information system, as well as the possibilities of their use in security sciences. It also describes the basics of field orientation and topographic survey. It is intended for students studying security sciences and also for the professional public in the field of civil protection and rescue services. The aim of the textbook is to clarify in a comprehensible way the issues of cartography, topography, and geographic information system, their possible use in the intervention and also describe the basics of field orientation and topographic survey using mobile applications in practice.</p>
3.	<p>ACB MÜLLEROVÁ, J., ORINČÁK, M.: Danger of chemical leakage. Bratislava: Akadémia Policajného zboru v Bratislave, 2020, 149 str., [AH 5,28] - ISBN 978-80-8054-874-2 (tlačená verzia). [Orinčák Michal (50%) = 2,64 AH - Müllerová Jana (50%)]</p> <p>The university textbook deals with the basic methodology for evaluating the leakage of a chemical hazardous substance in practice. It provides basic information and data on the nature of chemical hazardous releases depending on their specific properties, meteorological and terrain conditions. It is intended for students studying security sciences and also for the professional public in the field of civil protection and rescue services. The intention of the university textbook is to clarify in an understandable way the issue of evaluating the leakage of a chemical hazardous substance in practice through conventional calculation and also by selected evaluation software. The calculation procedure and methodology of software evaluation of chemical hazardous substance leakage are explained on specific practical examples.</p>
4.	<p>ABC Flood protection and flood rescue service in the Slovak Republic [print] / Vladimír BENEDIK, Michal ORINČÁK ; Jaromír NOVÁK, Jarmil VALÁŠEK. In: Zkušenosti z povodní v České republice a sousedních zemích [print] : monografie. - 1. vyd. - Praha: Policejní akademie České republiky, 2018. - ISBN 978-80-7251-490-8. - s. 190-225 [print]. [Benedik Vladimír (50%) - Orinčák Michal (50%)]</p> <p>The elaborated monograph aims to map the situations related to flood threats and related flood control measures in the Czech Republic - with an overlap into the situation in neighboring countries. In addition to statistics on past floods, the outlook and prospects for further developments in flood protection are described here. At the same time, the individual anti-flood measures are listed here, focusing on both measures in terms of legislation or financial level, as well as "field" activities or the use of modern computer technology.</p>
5.	<p>ACA Rescue technology / Michal ORINČÁK, Jana MÜLLEROVÁ ; vedecký redaktor: Jozef Stieranka. - 1. vyd. - Hodonín : Evropský ústav práva a soudního inženýrství, 2016. - 256 s., [AH 10,01] - ISBN 978-80-906601-3-7. [Orinčák Michal (50%) = 5,05 AH - Müllerová Jana (50%)]</p> <p>The university textbook deals with the technologies of rescue work, procedures and activities necessary for their implementation in various conditions of intervention. At the same time, it describes possible dangers and protection during their implementation. The aim of the textbook is to clarify the issue of rescue work, their implementation in different environments and describe the possible dangers in their implementation.</p>
VI.4 The most significant citations corresponding to the research/other outputs (maximum of five)	

1.	<p>MULLEROVA, J., & ORINCAK, M. RM /RA CRAMM – Quantitative Risk Assessment Method for Prevention of Criminality. Security Dimensions. No. 23; pp.131–144, 2017.</p> <p>[1] AAA / monografia: Crisis Managment analysis on criminality, KURILOVSKÁ, L.; MÜLLEROVÁ, J., CICA 2021, Madrid, 2021. ISBN 978-84-09-30089-1.</p>
2.	<p>MONOŠI, M. & ORINČÁK, M. (2007). Risks of Threat of Waterworks Reservoirs on the Slovak Republic Territory. In: Ochrana obyvateľstva, ISBN 80-86634-51-5. Ostrava: SPBI, pp. 218-224.</p> <p>[1] Impacts of drinking water infrastructures risks, Jan Prochazka, Dana Prochazkova, Miroslav Rusko, Milan Majernik, Vojtech Kollar, Jan Ilko & Stefan Majernik, 31ST DAAAM International Symposium on Intelligent Manufacturing and Automation, DOI: 10.2507/31st.daaam.proceedings.050.</p>
3.	<p>MARKOVÁ, I., LAUKO, J., OSVALDOVÁ, L., MÓZER, V., SVETLÍK, J., MONOŠI, M., ORINČÁK, M.: – Fire Size of Gasoline Pool Fires. nt. J. Environ. Res. Public Health 2020, 17(2), 411; https://doi.org/10.3390/ijerph17020411.</p> <p>[1] CFD Modelling of High-Pressure Water Mist System in Road Tunnels, P. MAGDOLENOVÁ - Transportation Research Procedia, 2021 – Elsevier, https://doi.org/10.1016/j.trpro.2021.07.184.</p> <p>[2] Experimental investigation on flame morphology and improved flame radiation model of rectangular heptane pool fire, M Li, G Han, S Yang - Process Safety Progress, 2021 - Wiley Online Library, https://doi.org/10.1002/prs.12330.</p> <p>[3] Reducing the intensity of thermal radiation at the sublayer extinguishing of alcohols by ecologically acceptable aerosols, ВМ Баланюк, АВ Кравченко, О Герасим'юк - 2021 - sci.ldubgd.edu.ua, http://sci.ldubgd.edu.ua:8080/jspui/handle/123456789/8389.</p> <p>[4] Reducing the intensity of thermal radiation at the sublayer extinguishing of alcohols by ecologically acceptable aerosols, V Balanyuk, A Kravchenko - Eastern-European Journal of Enterprise Technologies, 1(10 (109), 37–44. doi: 10.15587/1729-4061.2021.225216, 2021.</p> <p>[5] Evaluation of unprotected steel beam temperature during fire using CFD simulation, P. MAGDOLENOVÁ - MATEC Web of Conferences, 2021 - matec-conferences.org, https://doi.org/10.1051/mateconf/202135200017.</p>
4.	<p>MULLEROVA, J., & ORINCAK, M. RM /RA CRAMM – Quantitative Risk Assessment Method for Prevention of Criminality. Security Dimensions. No. 23; pp.131–144, 2017.</p> <p>[1] Risk assessment of the social impact on arson criminality by RM/RA CRAMM method/ aut. Kurilovska, L.; Mullerova, J., 20th International Multidisciplinary Scientific GeoConference SGEM 2020, Vol. 20 Book 5.1, pp 687-694, ISBN 978-619-7603-10-1, ISSN 1314-2704.</p> <p>[2] Crisis management risk assessment quantitative methods applied on the crisis event/ aut. Kurilovska, L.; Mullerova, J., 20th International Multidisciplinary Scientific GeoConference SGEM 2020, Vol. 20 Book 5.1, pp 213-220, ISBN 978-619-7603-10-1, ISSN 1314-2704.</p>
5.	<p>ADF Rescue work carried out in the cities affected by the emergency / Michal ORINČÁK. In: Krízový manažment = Crisis management : časopis pre pracovníkov zaoberajúcich sa krízovým manažmentom. - ISSN 1336-0019. - Roč. 7, č. 1 (2008), s. 103-107.</p> <p>[3] BETÁKOVÁ, J., DVORSKÝ, J. Assessment of identified risks in the process of preparing and creating a municipal land plan. In: Environmental science and sustainable development. Singapore : World Scientific Publishing Co., 2016. ISBN 978-981-4723-02-2, s. 343-348.</p>
VI.4A The most significant citations corresponding to the research/other outputs over the last six years (maximum of five)	
1.	<p>MULLEROVA, J., & ORINCAK, M. RM /RA CRAMM – Quantitative Risk Assessment Method for Prevention of Criminality. Security Dimensions. No. 23; pp.131–144, 2017.</p> <p>[1] AAA / monografia: Crisis Managment analysis on criminality, KURILOVSKÁ, L.; MÜLLEROVÁ, J., CICA 2021, Madrid, 2021. ISBN 978-84-09-30089-1.</p>
2.	<p>MONOŠI, M. & ORINČÁK, M. (2007). Risks of Threat of Waterworks Reservoirs on the Slovak Republic Territory. In: Ochrana obyvateľstva, ISBN 80-86634-51-5. Ostrava: SPBI, pp. 218-224.</p> <p>[1] Impacts of drinking water infrastructures risks, Jan Prochazka, Dana Prochazkova, Miroslav</p>

	Rusko, Milan Majernik, Vojtech Kollar, Jan Ilko & Stefan Majernik, 31ST DAAAM International Symposium on Intelligent Manufacturing and Automation, DOI: 10.2507/31st.daaam.proceedings.050.
3.	<p>MARKOVÁ, I., LAUKO, J., OSVALDOVÁ, L., MÓZER, V., SVETLÍK, J., MONOŠI, M., ORINČÁK, M.: – Fire Size of Gasoline Pool Fires. nt. J. Environ. Res. Public Health 2020, 17(2), 411; https://doi.org/10.3390/ijerph17020411.</p> <p>[1] CFD Modelling of High-Pressure Water Mist System in Road Tunnels, P. MAGDOLENOVÁ - Transportation Research Procedia, 2021 – Elsevier, https://doi.org/10.1016/j.trpro.2021.07.184.</p> <p>[2] Experimental investigation on flame morphology and improved flame radiation model of rectangular heptane pool fire, M Li, G Han, S Yang - Process Safety Progress, 2021 - Wiley Online Library, https://doi.org/10.1002/prs.12330.</p> <p>[3] Reducing the intensity of thermal radiation at the sublayer extinguishing of alcohols by ecologically acceptable aerosols, ВМ Баланык, АВ Кравченко, О Герасим'юк - 2021 - sci.lidubgd.edu.ua, http://sci.lidubgd.edu.ua:8080/jspui/handle/123456789/8389.</p> <p>[4] Reducing the intensity of thermal radiation at the sublayer extinguishing of alcohols by ecologically acceptable aerosols, V Balanyuk, A Kravchenko - Eastern-European Journal of Enterprise Technologies, 1(10 (109), 37–44. doi: 10.15587/1729-4061.2021.225216, 2021.</p> <p>[5] Evaluation of unprotected steel beam temperature during fire using CFD simulation, P. MAGDOLENOVÁ - MATEC Web of Conferences, 2021 - matec-conferences.org, https://doi.org/10.1051/mateconf/202135200017.</p>
4.	<p>MULLEROVA, J., & ORINCAK, M. RM /RA CRAMM – Quantitative Risk Assessment Method for Prevention of Criminality. Security Dimensions. No. 23; pp.131–144, 2017.</p> <p>[1] Risk assessment of the social impact on arson criminality by RM/RA CRAMM method/ aut. Kurilovska, L.; Mullerova, J., 20th International Multidisciplinary Scientific GeoConference SGEM 2020, Vol. 20 Book 5.1, pp 687-694, ISBN 978-619-7603-10-1, ISSN 1314-2704.</p> <p>[2] Crisis management risk assessment quantitative methods applied on the crisis event/ aut. Kurilovska, L.; Mullerova, J., 20th International Multidisciplinary Scientific GeoConference SGEM 2020, Vol. 20 Book 5.1, pp 213-220, ISBN 978-619-7603-10-1, ISSN 1314-2704.</p>
5.	<p>ADF Rescue work carried out in the cities affected by the emergency / Michal ORINČÁK. In: Krízový manažment = Crisis management : časopis pre pracovníkov zaoberajúcich sa krízovým manažmentom. - ISSN 1336-0019. - Roč. 7, č. 1 (2008), s. 103-107.</p> <p>[3] BETÁKOVÁ, J., DVORSKÝ, J. Assessment of identified risks in the process of preparing and creating a municipal land plan. In: Environmental science and sustainable development. Singapore : World Scientific Publishing Co., 2016. ISBN 978-981-4723-02-2, s. 343-348.</p>
VI.5 Participation in conducting (leading) the most important research projects over the last six years (maximum of five)	
1.	APVV 0727-12 "Model of evaluation of economic efficiency of fire protection measures" - responsible solver of work package PB - 04
2.	EACEA 573942-EPP-1-2016-1-RS-EPPKA2-CBHE-JP "Knowledge for Resilient Society (K-FORCE)" - co-researcher
3.	KEGA 024ŽU-4 „Modernization of the system of education of technical subjects for rescue service experts“ - co-researcher
4.	"Integrated Rescue System Education Project", Crisis Management Section of the Ministry of Interior, APZ - KVSKM, 2019, responsible researcher for APZ-KVSKM since 2021
5.	National project ITMS 2014 – no. 314011CDW7 - Operational Programme Effective Public Administration, "Increasing Slovakia's resilience to hybrid threats by strengthening public administration capacities"- co-researcher and lecturer
VI.6 Participation in conducting (leading) the most important research projects (maximum of five)	
1.	APVV LLP-0190-06 "Experimentarium of the University of Žilina in Žilina" - co-researcher
2.	APVV 0471-10 „Critical infrastructure“ - co-researcher
3.	APVV 0727-12 "Model of evaluation of economic efficiency of fire protection measures" - responsible solver of work package PB - 04
4.	VEGA - MŠ 1/3330/06 "Combined natural and technological risks" - co-researcher

5.	National project ITMS 2014 – no. 314011CDW7 - Operational Programme Effective Public Administration, "Increasing Slovakia's resilience to hybrid threats by strengthening public administration capacities"- co-researcher and lecturer
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VII. Overview of organizational experience related to higher education and research/other activities

VII.1 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards (maximum of five)

VII.1a Activity, position	VII.1b Name of the institution/board	VII.1c Duration
member	Expert / working group for the Ministry of the Environment, assessment of projects for the environment	since 2020
member	Editorial board of the professional magazine "Hasiči" - Prezídium HaZZ	since 2020
member	Trade Union Committee in the field of study 9205V00 – Security Sciences at APZ in Bratislava – doctoral study	since 2023
member	NATO ISEG 2023 CBRNE Commission	since 2023
member	Coordination Council for the area of so-called "Security Research and Civil Security" between the Ministry of Interior of the Slovak Republic and STU in Bratislava	since 2023

VII.2 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards for the last six years (maximum of five)

VII.2a Activity, position	VII.2b Name of the institution/board	VII.2c Duration
member	Expert / working group for the Ministry of the Environment, assessment of projects for the environment	since 2020
member	Editorial board of the professional magazine "Hasiči" - Prezídium HaZZ	since 2020
member	Trade Union Committee in the field of study 9205V00 – Security Sciences at APZ in Bratislava – doctoral study	since 2023
member	NATO ISEG 2023 CBRNE Commission	since 2023
member	Coordination Council for the area of so-called "Security Research and Civil Security" between the Ministry of Interior of the Slovak Republic and STU in Bratislava	since 2023

VIII. Overview of international mobilities and visits oriented on education and research/other activities in the respective field of study

VIII.a Name of the institution	VIII.b Address of the institution	VIII.c Duration (indicate the duration of stay)	VIII.d Mobility scheme, employment contract, other (describe)
Police Academy of the Czech Republic, Prague	Prague (Czech Republic)	20.09. - 21. 09. 2017	invited lecture and study stay
Tomas Bata University in Zlín, Czech Republic, Faculty of Logistics and Crisis Management	Uherské Hradište (Czech Republic)	14.10. - 18. 10. 2019	invited lecture and study stay
XY			
XY			
XY			

IX. Other relevant facts

IX.1 Characteristics of activities related to respective field of study

He actively participates in the provision of teaching, the creation of study literature, the creation of subjects within the study field "Security Sciences" in the study program "Security Law Services in Public Administration". He regularly publishes, participates in the evaluation of environmental programs and projects of the Ministry of the Environment of the Slovak Republic, and also as a member of the editorial board of the professional magazine "Firemen" and "Newsletter PO" reviews professional papers. He is actively involved in domestic and foreign conferences and seminars. He is also a co-organizer of domestic and foreign conferences. It participates in the provision of teaching and processing of teaching aids within further education, participates in education within the University of the Third Age, civil protection courses and operational management within the Crisis Management Section of the Ministry of the Interior of the Slovak Republic.

IX.2 Other activities

He currently works as an associate professor at the Department of Public Administration and Crisis Management of the Academy of the Police Force in Bratislava and is a co-guarantor of the study department "Security Sciences" for the study program "Security Services in Public Administration" at the Academy of the Police Force in Bratislava. He cooperates with the Police Academy of the Czech Republic in Prague, with Tomas Bata University in Zlín, Czech Republic, Faculty of Logistics and Crisis Management in Uherské Hradiště, and the Academy of the Armed Forces, Gen. M. R. Štefánik in Liptovský Mikuláš, with HaZZ, with the Crisis Management Section of the Ministry of the Interior of the Slovak Republic and with the Section of Environmental Programs and Projects of the Ministry of the Environment of the Slovak Republic. He leads students within the SVOČ and organizes participation in committees of international scientific conferences.