



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Marius KOVACS**
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 E-mail marius.kovacs@insemex.ro
 Nationality Romanian
 Date of birth 09.11.1977
 Gender Male

Desired employment / Occupational field

Work experience

Dates	November.2019 – present
Occupation or position held	I st grade Scientific researcher in Environmental Protection Laboratory / Department of Industrial Safety
Main activities and responsibilities	<p>Scientific research - development - innovation activity in the field of environmental protection:</p> <ul style="list-style-type: none"> - elaboration and documentation / studies in the field of environmental protection for beneficiaries - responsible for research works in the National Plan - research carried out within the framework of technical expertise to establish the causes of events due to explosions or fires - assessment of risks produced by the industrial environment and the reduction of their effects on the health of the population - assessment of environmental risks and the reduction of their effects on the health of the population exposed to them; - elaboration of VOC technical inspection certificates and VOC technical inspection notices - responsible for environmental tests within the RENAR accredited Laboratory Group - dissemination of research results;
Name and address of employer	National Institute for Research and Development for Mine Safety and Explosion Protection – INCD INSEMEX Petrosani,. G-ral V. Milea Street, no. 32-34, Petrosani, Hunedoara Conty, code 332047, ROMANIA
Type of business or sector	research - development - innovation in environmental protection and occupational health
Dates	June.2017 – November.2019
Occupation or position held	II nd grade Scientific researcher in Environmental Protection Laboratory / Department of Industrial Safety
Main activities and responsibilities	<p>preparation of environmental documentations;</p> <p>water, gas, asbestos and particle matter analysis;</p> <p>measurement of dust and gas emissions</p> <p>participation in scientific meetings;</p>
Name and address of employer	National Institute for Research and Development for Mine Safety and Explosion Protection – INCD INSEMEX Petrosani,. G-ral V. Milea Street, no. 32-34, Petrosani, Hunedoara Conty, code 332047, ROMANIA
Type of business or sector	research - development - innovation in environmental protection and occupational health

Dates	2009 – 2017
Occupation or position held	III rd grade Scientific researcher in Environmental Protection Laboratory / Department of Industrial Safety
Main activities and responsibilities	preparation of environmental documentations; water, gas, asbestos and particle matter analysis; measurement of dust and gas emissions participation in scientific meetings;
Name and address of employer	National Institute for Research and Development for Mine Safety and Explosion Protection – INCD INSEMEX Petrosani, G-ral V. Milea Street, no. 32-34, Petrosani, Hunedoara Conty, code 332047, ROMANIA
Type of business or sector	research - development - innovation in environmental protection and occupational health
Dates	Nov 2001 – 2009
Occupation or position held	Assistant researcher in Environmental Assessment Laboratory
Main activities and responsibilities	preparation of environmental documentations; water analysis; participation in scientific meetings;
Name and address of employer	National Institute for Research and Development for Mine Safety and Explosion Protection – INCD INSEMEX Petrosani, G-ral V. Milea Street, no. 32-34, Petrosani, Hunedoara Conty, code 332047, ROMANIA
Type of business or sector	research - development - innovation in environmental protection and occupational health
Education and training	
Dates	28-30.05.2024
Title of qualification awarded	Certificate of participation in the continuing education course entitled
Principal subjects/occupational skills covered	Tools for air quality monitoring and management (EGCA)
Name and type of organisation providing education and training	Academic Organization for Environmental Engineering and Sustainable Development
Dates	16-17. 2021
Title of qualification awarded	Training certificate
Principal subjects/occupational skills covered	Validation of methods and quality control of results. Practical aspects related to ensuring the validity of analysis results in a physicochemical analysis laboratory
Name and type of organisation providing education and training	FIATEST Bucharest
Dates	4 june 2020
Title of qualification awarded	Urkund Webinar Participation
Principal subjects/occupational skills covered	Enhancing academic integrity and original thinking through plagiarism prevention
Name and type of organisation providing education and training	Urkund
Dates	13-15 March 2019
Title of qualification awarded	Training course
Principal subjects/occupational skills covered	SR EN ISO/IEC 17025/2018 standard
Name and type of organisation providing education and training	FiaTest București - Str. Actor Ion Brezoianu nr.23-25, Corp A, Etaj 3, Sector 1, București
Dates	2018
Title of qualification awarded	Certificate
Principal subjects/occupational skills covered	Evaluation of measurement uncertainty in laboratories test
Name and type of organisation providing education and training	FiaTest, Transilvaniei Street, Bucharest, Romania
Dates	nov. 2003 – may 2011
Title of qualification awarded	Physical doctor. in mining, oil gas

Principal subjects/occupational skills covered	Ph. D. student, University preparatory at Department of Mineral Resources Processing																	
Name and type of organisation providing education and training	University of Petrosani, Universitatii street, no. 20, 332006, Petrosani, Hunedoara County, Romania																	
Dates	September 2008																	
Title of qualification awarded	Waste Management Cours, Graduation Certificate Series E, no. 0245488, 2008																	
Principal subjects/occupational skills covered	Waste Management																	
Name and type of organisation providing education and training	S.C. TOP QUALITY MANAGEMENT S.R.L, Bucharest County, Romania																	
Dates	oct. 2007																	
Title of qualification awarded	Course "Project Management Cycle, Financed by EU Structural Instruments"																	
Principal subjects/occupational skills covered	Project Management																	
Name and type of organisation providing education and training	University of Petrosani, Universitatii street, no. 20, 332006, Petrosani, Hunedoara County, Romania																	
Dates	January 2006																	
Title of qualification awarded	Certificate																	
Principal subjects/occupational skills covered	Romania's policy and strategy in occupational health and safety in the context of EU integration The Management of Health and safety according to OHSAS 18001/1999																	
Name and type of organisation providing education and training	FiaTest, Transilvaniei Street, Bucharest, Romania																	
Dates	08 – 12 iuly 2007																	
Title of qualification awarded	Certificate																	
Principal subjects/occupational skills covered	Auditors for quality management system in a laboratory accredited / accreditation process in accordance with ISO 17025/2005																	
Name and type of organisation providing education and training	FiaTest, Transilvaniei Street, Bucharest, Romania																	
Dates	2015																	
Title of qualification awarded	Certificate																	
Principal subjects/occupational skills covered	Risk assessor for occupational safety and health																	
Name and type of organisation providing education and training	Petrosani University / Faculty of Mine																	
Personal skills and competences																		
Mother tongue(s)	Romanian																	
Other language(s)	English																	
Self-assessment	<table border="1"> <thead> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>Very Well</td> <td>Well</td> <td>Good</td> <td>Good</td> <td>satisfactory</td> </tr> </tbody> </table>			Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		Very Well	Well	Good	Good	satisfactory
Understanding		Speaking		Writing														
Listening	Reading	Spoken interaction	Spoken production															
Very Well	Well	Good	Good	satisfactory														
<i>European level (*)</i>																		
English																		
Social skills and competences	Team spirit Skills in training work teams																	
Organisational skills and competences	Organizing and coordinating scientific and technical activities																	

Technical skills and competences	<ul style="list-style-type: none"> - Development of technical solutions to prevent and control industrial dust - Environmental impact assessment and environmental monitoring - Forecast dispersion of pollutants by using specialized software - Development of quality system documentation (quality manual,; general, specific, system testing, operational, organizational procedures and operational regulations) for environmental testing laboratory - Technical expertise for work places in order to the enrollment in special working conditions according to GD 1025/2003 with subsequent amendments and completions; - Environmental risk assessment; - Research and studies on safety and health risk assessment of accident and professional activities in potentially explosive and / or toxic environments, according to the law 319/2006
Computer skills and competences	<p>Experience in use of CAD type software Adobe Photoshop</p>
Lists of works (publications, patents)	<p>Kovacs L, Ghetie G. ,Kovacs M.- Decontamination Solutions framework applied to stationary sources of air from mining and processing power in the Jiu Valley coal ISBN 978-973-88753-1-9/2008</p> <p>Ghetie G. Draghici A.Kovacs M. S.a.- Risk assessment Occupational exposure to respirable dust in workplaces with special conditions of work in coal mining and processing power ISSN 1220-2053-Mining Magazine no. 1</p> <p>Kovacs, M.,Toth, L., Draghici, A., Ghetie G. 12th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production SWEMP 2010 May 24-26, 2010 in Prague, Czech Republic</p> <p>Assessment of pollutant emissions in the atmosphere generated by fans stations "Lonea Jieț III" and " Central Pit " Petrița „UNIVERSITARIA SIMPRO 2010” 14-15 Oct 2010</p> <p>Kovacs, M. Toth, L., Draghici, A., Ghetie G.- Means for optimization the qualitative parameters of waste waters of the mines located in the Jiu Valley - 12th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production SWEMP 2010 -May 24-26, 2010 in Prague, Czech Republic</p> <p>Lorant Toth, Ladislaus Kovacs, Ghorghe Ghetie, Marius Kovacs- Assessment of disease risk to workers from exposure to dust and toxic gases from coal extraction and processing of EM Uricani - County ACMV The XII International Symposium „YOUNG PEOPLE AND MULTIDISCIPLINARY RESEARCH“ ISYPMR – 2010</p> <p>The study of impact on the modernization of agricultural roads in the city holding Hațeg, Hunedoara County ACMV The XII International Symposium „YOUNG PEOPLE AND MULTIDISCIPLINARY RESEARCH“ ISYPMR – 2010</p> <p>The preview of the cross-border disaster in Baia Mare caused by the mining industry, 17 years after the event. 7th Balkan Mining Congress 11-13 October 2017, Prijedor</p> <p>Current state of health and safety at work in coal mining industry of Jiu Valley - 25th Jubilee International Scientific and Technical Conference “– GZN 2018 – 7 – 9 th November 2018, Jaworze, Poland</p>
Other skills and competences	<p>Publication as first author or coauthor of over 50 scientific papers in professional journals, national and international symposium and conferences</p> <p>Books published in the country: 3</p> <p>Over 90 Research work, technological development, innovation,technical expertise, developed as a responsible or team member.</p> <p>Member: Association for Multidisciplinary Research in Western Romania</p> <p>Member of the committees for the approval and evaluation of the research and development studies</p> <p>Coordination and execution of contracts and scientific and technical reports given for solving INCD-INSEMEX Petroșani, at a national research and development project - within the Nucleus Program</p>
Driving licence	Driving license B category
List of works (publications, patents)	<p>Training of Trainers Course - ISBN 973-657-933-6 -SINTECH Publishing House -RELANSIN Program</p> <p>Book - "Framework solutions for air pollution control applied to stationary sources in the extractive and coal processing industries in the Jiu Valley" ISBN 978-973-88753-1-9/2008</p> <p>Site Report and Site Study for S.C. Sometra Copșa Mică</p> <p>The paper "Optimization of wastewater parameters resulting from the mining industry in the Jiu Valley" presented at the "12th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production SWEMP 2010 May 24-26, 2010" in Prague, Czech Republic</p> <p>Monitoring of atmospheric pollutant emissions in the vicinity of the main ventilation station of E.M. Lonea presented at the International Symposium "Youth and Multidisciplinary Research" 13th edition ISYPMR 12-13 November 2009 Politehnica University of Timisoara</p>

The preview of the cross-border disaster in Baia Mare caused by the mining industry, 17 years after the event. 7th Balkan Mining Congress 11-13 October 2017, Prijedor

Realization of PM10 dust dispersion maps, results from the transport and storage activity of municipal waste - International Multidisciplinary Scientific GeoConference : SGEM; Sofia, Vol. 20, Iss. 4.1, (2020).

Additional information

14.02. 2025

Ph. D. Eng. Marius Kovacs

