

## Curriculum vitae Europass



### Personal information

First name(s) / Surname(s) **MORARU, Roland Iosif**

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Marital status Married, 2 children

Nationality Romanian

Date of birth 02.11.1961

Gender Male

### Work experience

Dates March 2016 – July 2020

Occupation or position held **Vice Rector, Scientific Research and International Relations**

Main activities and responsibilities Coordination of scientific research and publishing activities; Project management and innovation activities and technology transfer; Quality management in research; International exchange and relations

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania

Type of business or sector Cod CAEN 8542 - Higher Education (teaching activity - research)

Dates October 2015 - presently

Occupation or position held **PhD supervisor in INDUSTRIAL ENGINEERING**, Order M.E.C.S. no. 4910/18.08.2015

Main activities and responsibilities The coordination of all research – documented activities of PhD students

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania

Type of business or sector Cod CAEN 8542 - Higher Education (teaching activity - research)

Dates 23.02.2015 - presently

Occupation or position held **Professor (Full) tenured in teaching lines: Occupational Health and Safety; Ventilation, Occupational Health and Safety; Occupational Risk Assessment Methods; Risk Management**

Main activities and responsibilities Teaching and scientific research conducted at the University of Petroșani, as of 1/12/1989 and so far, is described in detail the position of Associate Professor

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania

Type of business or sector Cod CAEN 8542 Higher Education

Dates July 2015 – December 2015

Occupation or position held **Expert Target Group** - Faculty of Mining project SOPHRD / 189 / 2.1 / G / 156 053 entitled *Students anchored in reality*

Main activities and responsibilities Coordinating all activities necessary for the development and implementation of the project in the Faculty of Mining

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania  
Type of business or sector Management  
Dates 2013-presently  
Occupation or position held **Coordinator of study program** of graduate program „ Safety Engineering in Industry”  
Main activities and responsibilities Coordination of all activities of teaching, developing functions states, graduation examinations, coordination of provisional authorization dossiers and accreditation by RQAAHE, etc.

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania  
Type of business or sector Cod CAEN 8542 Higher Education  
Dates 2012-2016  
Occupation or position held **Vice-Dean of the Faculty of Mines**  
Main activities and responsibilities Regulations development, academic management of educational processes, coordination of the scientific research activity of faculty  
Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania  
Type of business or sector Cod CAEN 8542 Higher Education  
Dates 2012-2016  
Occupation or position held **Senate Member** of the în Senate of University of Petroșani and **President** of the „Student Issues” Committee of the Senate.  
Main activities and responsibilities Regulations and methodologies development, academic management of the University

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania  
Type of business or sector Cod CAEN 8542 Higher Education  
Dates 2012-2016  
Occupation or position held **Member** of the Faculty of Mines Council and **President** of the Committee for „Structures and education program” of the Council.  
Main activities and responsibilities Curricula development coordination. Education programs Authorization / Accreditation of study programs. State of functions. Admissions. Contests. Baccalaureate presidents nomination  
Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania  
Type of business or sector Cod CAEN 8542 Higher Education  
Dates 2011 - presently  
Occupation or position held **Coordinator of study program** of the Master study program „Occupational Health and Safety Management”  
Main activities and responsibilities Coordination of all activities of teaching, developing functions states, graduation examinations, dissertation, coordination of provisional authorization dossiers and accreditation by RQAAHE, etc.

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania  
Type of business or sector Cod CAEN 8542 Higher Education  
Dates From 01.10.2002 – 22.02.2015  
Occupation or position held **Associate Professor tenured**

Main activities and responsibilities	<p><b>Teaching:</b></p> <ul style="list-style-type: none"> <li>• teaching activities related to the subjects performed on basic norm: Labor protection in the mining industry, Labor protection, Occupational health and safety in construction, Ventilation and safety, Ventilation in underground construction, Mine ventilation, Risk analysis, Climatology, Health and safety at work;</li> <li>• teaching activities carried out under specialization „<b>Safety and health – Master of Science Degree</b>” in disciplines: <i>Risk analysis, Fires and explosions, Pollution in time and space;</i></li> <li>• teaching activities carried out in the specialization „<b>Management of health and safety at work - Master of Science Degree</b>” in the following disciplines: Risk analysis, Safety assessment of quality machinery, Elements of probability theory applied in industrial risk analysis; <i>Occupational Risk Assessment Methods; Risk Management;</i></li> <li>• teaching activities carried out under specialization „<b>Anthropic impact assessment and reconstruction of affected areas – Master of Science Degree</b>” in the subject: Risk Analysis;</li> <li>• teaching activities carried out under specialization „<b>Risk assessment of occupational injury and disease - Postgraduate Course</b>” in the following disciplines: The risk assessment of accidents and professional diseases, Risk management, Probability theory and statistical mathematics elements applied in industrial risk analysis;</li> <li>• teaching activities carried out <i>in the specialization</i> „<b>Risk Assessor for Safety and Health at Work - Postgraduate Course</b>” in the following disciplines: <i>The risk assessment for safety and health at work, Risk management, Probability theory and statistical mathematics elements applied in industrial risk analysis;</i></li> <li>• coordination of diploma papers, dissertation and graduate specializations final projects in the courses listed above;</li> <li>• participation as a member in doctoral admissions committees in the areas of <b>Industrial Engineering and Mining, Oil and Gasses;</b></li> <li>• participation as a member of the committees to sustain doctoral exams and essays in the fields of <b>Industrial Engineering and Mining, Oil and Gasses;</b></li> <li>• participation as a <b>official reviewer</b>, in committees of public presentation of 15 Ph.D. Thesis in <b>Industrial Engineering and Mining, Oil and Gasses;</b></li> </ul> <p><b>Scientific research activity:</b></p> <ul style="list-style-type: none"> <li>• participation as official and / or member in the elaboration of 44 scientific research contracts 23 with local beneficiaries, 14 on national level, one international grant, 3 SOPHRD grants as long term expert.</li> </ul> <p>Publication of scientific research results activity:</p> <ul style="list-style-type: none"> <li>• articles and papers published: <ul style="list-style-type: none"> <li>▪ in ISI indexed journals: 6</li> <li>▪ in Proceedings of ISI indexed Conferences (ISI Proceedings): 43;</li> <li>▪ in national and foreign journals indexed in International Databases (BDI): 100;</li> <li>▪ in national journals (others than those acknowledged by the National Council for Scientific Research - NCSR): 53;</li> <li>▪ in Proceedings of international scientific events: 68;</li> <li>▪ in Proceedings of national scientific events: 27;</li> </ul> </li> <li>• handbooks, monographs and treatises published in the publishing houses with ISBN: 18;</li> <li>• 2 chapters published in handbooks edited abroad.</li> </ul>
Name and address of employer	University of Petroșani, Universității Str, no. 20, Petroșani, Romania
Type of business or sector	Cod CAEN 8542 Higher Education (teaching activity - research)
Dates	2009-2011
Occupation or position held	<b>Long term expert</b> in implementation of grant titled <i>Development of labor market by promoting rural nonagricultural occupations</i> , no. HRD-POSDRU / 13 / 5.2/ S / 11nr.106 / 25.09.2008, amounting to 567,504.50 lei, coordinated by the University of Agronomic Sciences and Veterinary Medicine Bucharest, financed by the Ministry of Labour, Family and Social Protection and European Social Fund
Main activities and responsibilities	Education and training in safety and health at work for the occupations "Boarding house manager" and "Drywall lifter"
Name and address of employer	University of Petroșani, Universității Str, no. 20, Petroșani, Romania
Type of business or sector	Cod CAEN 8542 Higher Education (teaching activity - research)

Dates 2009

Occupation or position held **Long term expert** in implementation of grant titled Education and training in the field of safety and health at work, grant no. HRD - POSDRU/ 39 / 3.2 / G / 26,581, amounting to 1,729,770 lei

Main activities and responsibilities Education and training in Safety and Health at Work

Name and address of employer University „Lucian Blaga” of Sibiu  
Victoriei. Blvd., no.10, ZIP code 550024, Sibiu  
Tel: 0040-269-216062, fax: 0040-269-217887

Type of business or sector Higher Education

Dates 2008-2009

Occupation or position held **Member International Research Grant** Joint Research Project R03/2008/MEDI/ANCS-2008-2009 financed by Romanian and Indian Governments amounting to 5600 Euro

Main activities and responsibilities Development and implementation of research activities in the field of: The environmental impact of coal mines closure and ecological rehabilitation of mining area of India and Romania

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania

Type of business or sector Cod CAEN 8542 Higher Education (teaching activity - research)

Dates 01.10.1993 – 30.09.10.2002

Occupation or position held **Senior Lecturer** tenured

Main activities and responsibilities Teaching and scientific research conducted at the University of Petrosani, as of 1/12/1989 and so far, is described in detail the position of Associate Professor

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania

Type of business or sector Cod CAEN 8542 Higher Education (teaching activity - research)

Dates 01.12.1989 - 30.09.1993

Occupation or position held **University Assistant** tenured

Main activities and responsibilities Teaching and scientific research conducted at the University of Petrosani, as of 1/10/1990 and so far, is described in detail the position of Associate Professor

Name and address of employer University of Petroșani, Universității Str, no. 20, Petroșani, Romania

Type of business or sector Cod CAEN 8542 Higher Education (teaching activity - research)

Dates 01.10.1986 - 30.11.1989

Occupation or position held **Electromechanical engineer**

Main activities and responsibilities Production activity, as an engineer trainee in the Ventilation, Health and Safety and Transport sectors

Name and address of employer Aninoasa Colliery, Uzinei Str, no. 1, Aninoasa, jud. Hunedoara

Type of business or sector Coal mining and processing

## Education and training

Dates June 2015

Title of qualification awarded **Certificate of habilitation** in the Doctoral Degree in **Industrial Engineering** (Order MECS no. 4910 of 18.08.2015 and Decision no. 68 of 10 September 2015 in Senate of University of Petroșani)

Principal subjects/occupational skills covered Industrial Engineering – Industrial and occupational safety

Name and type of organisation providing education and training University of Petroșani, IOD – Doctoral School

Dates 2013

Title of qualification awarded **Certificate of completion** of” Program of training in quality assurance and awareness remote education” – ID, issued 04.12.2013 in SOPHRD / 86 / 1.2 / S / 60720 „Development and implementation of a monitoring system, continuous improvement and quality assessment in open and distance higher education based on performance indicators and international quality standards”, implemented between 03.01.2011-31.12.2013

Principal subjects/occupational skills covered Quality assurance in distance education -ID

Name and type of organisation providing education and training Spiru Haret University, Comercial Academy of Satu-Mare and TUV Austria - România

Dates 2013

Title of qualification awarded **Certificate of completion** of "Program of training in quality assurance and awareness remote education" – ID, issued 04.12.2013 in SOPHRD / 86 / 1.2 / S / 60720 „Development and implementation of a monitoring system, continuous improvement and quality assessment in open and distance higher education based on performance indicators and international quality standards”, implemented between 03.01.2011-31.12.2013

Principal subjects/occupational skills covered Quality assurance in distance education -ID

Name and type of organisation providing education and training Spiru Haret University, Comercial Academy of Satu-Mare and TUV Austria - România

Dates 2012

Title of qualification awarded **Certificate of graduation** in specialization course „**Text and images processing operator**” and „**Lectora**” H series nr.00137366 / 2010, issued under no. 108 of 31.08.2013

Principal subjects/occupational skills covered „Text and images processing operator” cod COR 411305

Name and type of organisation providing education and training S.C. Memory S.R.L. Hunedoara

Dates October - November 2012

Title of qualification awarded **Certificate of completion** of Training Program on the use of tracking tools to monitor attendance and labor market of Alumni insertion held in grant POSDRU 86 / 1.2 / S / 52422 "Management of correlating the education system and labor market"

Principal subjects/occupational skills covered Using tracking tools to monitor attendance and Alumni insertion in the labor market

Name and type of organisation providing education and training National Institute for Scientific Research on Labour and Social Protection, National Center for Statistics

Dates 17.09.2009 - 27.10.2009

Title of qualification awarded **Certificate of graduation** the specialization course "**Specialist in safety and health at work**" F series, no. 0275313 / 2010, issued under no. 129 of 18.01.2010

Principal subjects/occupational skills covered Specialist in safety and health at work cod COR 241220

Name and type of organisation providing education and training S.C. BREMAC S.R.L. Hunedoara

Dates 15.05-31.07..2009

Title of qualification awarded **Certificate of graduation** of training course „**Project Manager**”, F series, no. 0240495 / 2009, issued under no. 240 of 27.08.2009

Principal subjects/occupational skills covered Project Manager cod COR 241919 (Occupational skills are presented in descriptive supplement of the certificate).

Name and type of organisation providing education and training S.C. RADU & NISTOR IMOBILINVEST S.R.L. Craiova

Dates 10.05-21.05.2007

Title of qualification awarded **Certificate of graduation** of training course „**Trainer**”, E series , no. 0020473 / 2008, issued under no. 3927 of 29.01.2008

Principal subjects/occupational skills covered *Trainer (Occupational skills are presented in descriptive supplement of the certificate)*

Name and type of organisation providing education and training Training and Regional Development Center - Constanta

Dates 20.01 - 25.03.2007

Title of qualification awarded **Certificate of graduation** of postgraduate course „**Risk assessment of occupational injury and disease**”, G series, no. 005044 / 2009, no. 44 / 22.10.2009

Principal subjects/occupational skills covered Risk assessor of occupational accidents and diseases in labor system (*Occupational skills are presented in descriptive supplement of the certificate*)

Name and type of organisation providing education and training	„1 Decembrie 1918” University of Alba-Iulia		
Dates	2005		
Title of qualification awarded	<b>Certificate of entitlement</b> , no. 43PS1213 / 26.10.2005		
Principal subjects/occupational skills covered	Empowered Adviser to provide services on labor protection		
Name and type of organisation providing education and training	Ministry of Labour, Social Solidarity and Family		
Dates	01.10.1994-22.06.1995		
Title of qualification awarded	<b>Expert engineering degree in mining safety and environment</b> , issued by the Ministry of Industry of the French Republic, through CESMAT (Centre d'Etudes des Matieres Premieres), 22 June 1995 <i>(The subjects studied are presented in in descriptive supplement of the degree)</i>		
Principal subjects/occupational skills covered	Safety and mining environment		
Name and type of organisation providing education and training	Centre d'Etudes Superieures pour la Sécurité et l'Environnement Miniers - CESSEM, Ecole des Mines d'Alès, Franța		
Dates	1992 -1999		
Title of qualification awarded	<b>Doctor degree</b> in the branch of science „ <b>Technique</b> ”, specialization "Mines, Oil and Gas", A series, no. 0004437 / 2001		
Principal subjects/occupational skills covered	Ph.D. Thesis Title: Controlled air recirculation as a technique for mine faces ventilation		
Name and type of organisation providing education and training	University of Petroșani, Higher Education		
Nivelul în clasificarea națională sau internațională	Postgraduate studies (ISCED 6)		
Dates	1981-1986		
Title of qualification awarded	<b>Engineer degree</b>		
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> <li>• Profile: Mechanics</li> <li>• Specialisation: Mining Machinery and Equipment</li> </ul>		
Name and type of organisation providing education and training	Institute of Mining Petrosani, Faculty of Mining Machinery and Equipment		
Nivelul în clasificarea națională sau internațională	Postgraduate studies (ISCED 5)		
Dates	1976-1980		
Title of qualification awarded	Baccalaureate Degree, Series A, no. 219 626, no. 126 / 08.07.1981		
Principal subjects/occupational skills covered	Electro-technical profile		
Name and type of organisation providing education and training e	Industrial High School no. 1 Petrosani, Jud. Hunedoara		
Nivelul în clasificarea națională sau internațională	High School		

## Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment

*European level (\*)*

**French**

### Understanding

Listening

C1 Independent user

Reading

C1 Independent user

### Speaking

Spoken interaction

B2 Independent user

Spoken production

B2 Independent user

### Writing

Written expression

C1 Independent user

<b>English</b>	B2	Independent user	B2	Independent user	C1	Independent user	C1	Independent user	B2	Independent user
<b>German</b>	A2	Basic user	A1	Basic user	A1	Basic user	A2	Basic user	A1	Basic user
<b>Hungarian</b>	A2	Basic user	A1	Basic user						

(\*)Common European Framework of Reference for Languages

<b>Social skills and competences</b>	<ul style="list-style-type: none"> <li>• Ability to adapt and availability for teamwork</li> <li>• Good communication skills, balance and rigor</li> <li>• Skills in training and coordination of work teams</li> <li>• Adaptation to multicultural society</li> <li>• Participative leadership skills</li> </ul>
<b>Organizational and managerial skills and competences</b>	<ul style="list-style-type: none"> <li>• Organizing graduate courses and postgraduate courses in health and safety at work;</li> <li>• Coordination of postgraduate courses in safety and health organized by the University of Petroșani with INCDPM Bucharest;</li> <li>• Coordination of regional and national scientific research projects</li> <li>• Coordination conferences and scientific research scientific and technical</li> <li>• Director Department of Mining, Surveying and Civil Engineering (06 December 2011 – 05 April 2012)</li> <li>• Vice-Dean of Faculty of Mines (UP Decision no. 24 / 06 April 2012)</li> <li>• Member of the Council of Faculty of Mines of the University of Petroșani (2012-present)</li> <li>• Member of the Senate of the University of Petroșani (2012-present)</li> <li>• Member of the Senate Bureau of the University of Petroșani (2012-present)</li> <li>• Member of the Faculty of Mining Commission to take over the investigation and evaluation of dossiers of teachers who requests that the equivalence of studies on ECSET / ETCS (UP Decision no. 115 of May 8, 2012)</li> <li>• Member of the Faculty of Mining Commission of admission organization and development to undergraduate studies, master's and doctoral cycles academic year 2012- 2013 (UP Decision no. 110 of May 8, 2012)</li> <li>• Member of the Scientific Council of the Library of the University of Petroșani (UP Decision no. 103 of 24 April 2012)</li> <li>• Chairman of the Internal Approval Commission of contracts for scientific research in the Faculty of Mining (UP Decision no. 93 of 24 April 2012)</li> <li>• Chairman of the Commission on holding of second degree examinations, specialized in Mining in August 2012 session (UP Decision no. 119 of 18 May 2012 and Address MECTS no. 43670 of 25.June 2012)</li> <li>• Responsible of Mining Faculty in Internal Control Monitoring Committee of the University of Petroșani (Decision no. 7/2012 of the UP CA)</li> </ul>
<b>Technical skills and competences</b>	<ul style="list-style-type: none"> <li>- studies and projects in the areas of occupational risk assessment, risk analysis, technical safety and health industry, risk management, environmental protection, mining engineering, mining and industrial ventilation;</li> <li>- identification of specific physical and chemical risks generated in technological process of exploitation and processing of minerals and the development of technical and organizational measures to reduce the influence of risk factors that cause occupational diseases and injuries;</li> <li>- professional risk assessment to prevent and combat the causes that can cause accidents at work and occupational diseases;</li> <li>- drafting quality system documents (quality manual, procedures: general, specific, system procedures, testing, operational, organizational and operational regulations) for noise certification body and laboratory testing for noise and vibration;</li> <li>- development of the model of integrated management of health and safety at work and auditing tools in integrated management: quality-environment-safety and health at work;</li> <li>- development of guides and handbooks for good practice in the extraction and processing of minerals;</li> <li>- modernization of the laboratory infrastructures available to assess the risk to human health;</li> <li>- monitoring of measures and parameters of safety and health at work in testing undermined bench mining method of operation in the Jiu Valley coal basin;</li> <li>- technical expertise of unwanted events produced in different businesses;</li> <li>- environmental risk assessment, characterization and management;</li> <li>- technical training in health and safety at work.</li> </ul>
<b>Computer skills and competences</b>	<p>Using the software package MS Office (Word, Excel, PowerPoint, Access)</p> <p>Graduate of specialization courses titled „Text and images processing operator” and „Lectora”, followed within the project „Development of human resources in higher education for operating e-learning systems”, Grant code POSDRU / 87 / 1.3 / S / 64273, (October 2012).</p>

## Other skills and competences

### **Other skills and areas of expertise:**

- Member of the Managing Committee of the Product Certification Bodies INSEMEX - OEC
- Empowered by the Ministry of Labour, Social Solidarity and Family to provide services on labor protection (certificate of entitlement no. 43 PS 1213 of 26.10.2005)
- Certificate "Expert consultant in health and safety at work" TM series, No. 38 of 23.03.2013, issued by the Professional Association for Occupational Safety and Health Timișoara

### **Reviewer national and international journals and conferences, books, treatises**

- Journal of Environmental Research and Management (BDI journal )
- Annales Universitatis Apulensis Series Oeconomica (BDI journal)
- Annals of the University of Petroșani - Mining Engineering (BDI journal)
- International Conference on Manufacturing Science and Education MSE
- International Conference *Career management in knowledge based society*
- Scientific reviewer Arad Dumitru Victor "geomechanical Risks in Mining Engineering" Ed.Universitas, Petroșani, 2013.

### **Member of the Scientific Committees of International Conferences**

- **6<sup>th</sup> și 7<sup>th</sup> International Symposium on Occupational Health and Safety, INSEMEX Petroșani, SESAM 2013, 2015.**
- **7<sup>th</sup> edition of the International Conference on Management Economics and Accounting (ICMEA 2013)**
- **3<sup>rd</sup> International Conference Career management in knowledge based society – Alba-Iulia, România, 2015.**
- **1<sup>st</sup> International Conference Career management in knowledge based society –Alba-Iulia, România, 2013.**
- **2<sup>nd</sup> International Conference Career management in knowledge based society –Chestochowa, Polonia, 2014.**
- **3<sup>a</sup> Biennale del Restauro Architettonico ed Urbano, SENZA FRONTIERE, Culture Senza Frontiere, organizzato dalla Fondazione Architetti Fiorentini (FAF), dall'Ordine degli Architetti Fiorentini (OAF) e dalla Confederazione dei Centri Internazionali per la Conservazione del Patrimonio Architettonico (CICOP Net) Paesi Senza Confini con il patrocinio della Regione Toscana, del Comune di Firenze, ICOMOS Italia e ICOMOS Grecia, 15-16 OTTOBRE 2015, FIRENZE, PALAZZINA REALE**
- **Committee of the XXII Mountain School of Polish Information Processing Society's International Conference "IT System's Application in Business and Industry Practice" Szczyrk, Polonia, 2015.**
- **International Scientific Committee of the 6<sup>th</sup> International Conference on Manufacturing Science and Education MSE 2013 Smart Sustainable Development, Sibiu, România**
- **The Sixth Balkan Mining Congress Balkanmine, 2015, Petrosani, Romania, 20th – 23th September 2015**
- **Scientific Committee of the 6<sup>th</sup> International Conference on Manufacturing Science and Education MSE 2015 Smart Sustainable Development, Sibiu, România**
- **Executive Chairman of the Organizing Committee of the 7<sup>th</sup> International Multidisciplinary Symposium "UNIVERSITARIA SIMPRO 2016", 14-15 October 2016, Petroșani, Romania**
- **Technical Committee of the 6<sup>-th</sup> International Conference on Manufacturing Engineering and Process, Lisbon, Portugal, 27-29 May 2017 ( <http://www.icmep.org/com.html>).**
- **International Conference on Separation Technologies in Chemical, Biochemical, Petroleum and Environmental Engineering, TECHNOSCAPE 2016 Conference, 20-21 October 2016, VIT University, Chennai, India (<http://chennai.vit.ac.in/files/technoscape2016/>)**
- **3<sup>rd</sup> Scientific International Conference for Safety and Health at Work, Universitatea Tehnică Gh. Asachi Iași, 17-19 mai 2017 (<http://www.isssm.tuiasi.ro/comitet.html>)**
- **7<sup>th</sup> International Symposium on Occupational Health and Safety, INSEMEX Petroșani, SESAM 2017 (<http://sesam2017.insemex.ro/>)**
- **International Scientific Committee of the 7<sup>th</sup> International Conference on Manufacturing Science and Education MSE 2017 Smart Sustainable Development, 7-9 June, 2017, Sibiu, România (<http://conferences.ulbsibiu.ro/mse/2017/ipc.htm>)**
- **17<sup>th</sup> National Scientific Conference with International Participation "People and the Occupational Environment" PUBLIC UTILITY SYSTEM MANAGEMENT AND ENVIRONMENTAL PROTECTION, Niš, Serbia, 18–20 October 2017 ([http://www.znrfak.ni.ac.rs/SERBIAN/021-KONFERENCIJE/CIRS%202017/PDFS/Prvi%20poziv%20autorima\\_En.pdf](http://www.znrfak.ni.ac.rs/SERBIAN/021-KONFERENCIJE/CIRS%202017/PDFS/Prvi%20poziv%20autorima_En.pdf))**
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- **International Conference Advances in Safety Engineering**, University of Warmia & Mazury in Olsztyn, Faculty of Technical Sciences, Chair of Foundations of Safety, september 2017 (<http://konfbezp.weebly.com>)
- **International Scientific Committee member at 7th International Conference SYSTEM SAFETY: HUMAN - TECHNICAL FACILITY – ENVIRONMENT**, 12-14 December 2018, Zakopane – POLAND, (<http://www.qpij.pl/BHP/scientific-committee.html>).
- **Technical Committee of the 7 -<sup>th</sup> International Conference on Manufacturing Engineering and Process**, Barcelona, Spain, 05-07 February 2018 (<http://www.icmep.org/com.html>).
- **Scientific Committee of International Symposium Research and Education in an Innovation Era, ISREIE 2018**, „Aurel Vlaicu” University of Arad, 7th Edition, May 17th-20th, 2018 (<http://www.uav.ro/en/conferences/isreie-2018/scientific-comiitee>)
- **Member of International Scientific Committee at International Conference on Innovation, Smart Culture and Well-Beings, ICISW 2018**, The 80th Anniversary of Suan Sunandha Rajabhat University (SSRU), November 8, 2018, Bangkok, Thailand (<http://conference.ssruc.ac.th/ICISW2018/page/8>)
- **International conference on Advances in Manufacturing Technology (ICAMT 2018)**, organised by Mechanical Engineering Department of Chennai Institute of Technology in Association with ACMEE, 22 & 23 June 2018. ([http://www.chennaiinstituteoftechnology.com/forthcoming\\_events/icamt-2018/](http://www.chennaiinstituteoftechnology.com/forthcoming_events/icamt-2018/)).
- **Executive Chairman of the Organizing Committee of the 8<sup>th</sup> International Multidisciplinary Symposium "UNIVERSITARIA SIMPRO 2018"**, 11-13 October 2018, Petroșani, Romania
- **Co\_chairman**, Conferința on-line 3<sup>rd</sup> International Scientific and Technical Internet Conference, în parteneriat cu Krivoy Rog National University, Ucraina, în 14 Decembrie 2018 cu tema "Innovative Development of Resource-Saving Technologies of Mineral Mining and Processing". (<http://www.knu.edu.ua/en/research-at-knu-overview>),
- **Technical Committee member**, 8th International Conference on Manufacturing Engineering and Processes, Prague, Czech during February 16-19, 2019
- Scientific Advisory Board member of **AHFE- 1st International Conference on Industrial Cognitive Ergonomics and Engineering Psychology (ICEEP)**; Applied Human Factors and Ergonomics Conference, AHFE 2019, 24-28 July, Washington D.C., USA <http://www.ahfe2019.org/board.html#iceep>.
- **Member of International Scientific Committee at International Conference on Integrated Science in Digital Age (ICIS'19)**, held in Batumi, Georgia, May 10-12, 2019 (<https://ics.events/icis19-committee/>).
- Member of the International Scientific Committee of the 9<sup>th</sup> International Conference on Manufacturing Science and Education MSE 2019, 5-7 June, 2017, Sibiu, România ([http://conferences.ulbsibiu.ro/mse/international\\_committee.html](http://conferences.ulbsibiu.ro/mse/international_committee.html))
- **Member of Program Committee of the 9th Edition of the International Symposium on Occupational Health and Safety – SESAM 2019** (<http://sesam2019.insemex.ro/committees/>).
- **Scientific Committee member of International Conference on Digital Science (DSIC'19)** held in Limassol, Cyprus, October 11-13, 2019 (<https://digiscience.org/committees/>).
- **International Program Committee member of SIM 2019: 15th International Symposium in Management Innovation for Sustainable Management and Entrepreneurship** 25-26 October 2019, Timisoara, Romania, (<http://sim2019.eu/committees.html>).
- **Scientific Committee member of International Conference on Integrated Science (ICIS 2020)**, Conference Center, Cambodia, May 01-03, 2020 (<https://ics.events/committee/>)
- **Scientific Advisory Board member of 2<sup>nd</sup> Int. Conf.on Industrial Cognitive Ergonomics and Engineering Psychology (ICEEP)** affiliated with 11th International Conference on Applied Human Factors and Ergonomics (AHFE 2020), 16-20 July 2020, San Diego, California, U.S.A. <http://ahfe2020.org/board.html#iceep>

## Additional information

### **Member of the following professional organizations:**

- Honorary Member of the Professional Association for Labour Safety and Health Timisoara (A.P.S.S.M.T.), since 2008;
- Romanian Association of Tunnels ART România (1993-1999)
- Computer Aided Engineering Society (SIAC), since 1994;
- Romanian Society for the Protection of Atmosphere (SOROPA), since 1996;
- Romanian Professional Association for Safety and Health at Work "SESAM Romania", 2008.
- Romanian Association for Electrical Safety (2009), founding member and Vice-president;
- General Association of Engineers in Romania (AGIR), since 2013;
- Association of Romanian National Committee of World Energy Council (CNR - CME), 2014.

### **Editor of International Journals**

- **Journal of Environmental Research and Management** (BDI: Index Copernicus, World Health Organization (WHO) via African Index Medicus, Chemical Abstracts (CAS), DRJI and Google Scholar. Pentru relații: Andrew Boston; For E3 Journals Publication Committee, Email: [service@e3journals.org](mailto:service@e3journals.org); URL: [www.e3journals.org](http://www.e3journals.org)
- **Polish Journal of Management Studies**, Czestochowa University of Technology, Czestochowa, Polonia <https://pjms.zim.pcz.pl/resources/html/cms/SCIENTIFICCOUNCIL>
- **Revista Minelor**
- **Annals of the University of Petroșani\_Mining Engineering**
- Associate Editor at **Annales Universitatis Apulensis Series Oeconomica** (<http://www.oeconomica.uab.ro/index.php?l=en&p=editor>)

### **Documentation and specialization stages:**

2019 –Xi'an University of Science and Technology, Shaanxi province, China  
2018 - Czestochowa University of Technology, Opole University of Technology și Academia de Mine și Metalurgie din Cracovia (AGH), Polonia  
2018 – Paragon Europe, Abertax Industries, Malta  
2017 - Chambre de Commerce et d'Industrie du Territoire de Belfort (C.C.I); L'université de technologie de Belfort-Montbéliard (UTBM)  
2017 – L.E.P.L. G. Tsulukidze Mining Institute și Georgian Technical University, Tbilisi, Georgia  
2016 – Czestochowa University of Technology, Opole University of Technology și Academia de Mine și Metalurgie din Cracovia (AGH), Polonia  
2012- GEI 2A și Centro de Praticas EASMUS, Barcelona, Spania  
2011-Pecsi Tudomány Egyetem/Universitatea din Pecs, Ungaria  
2008-Kharagpur Indian Institute of Technology  
2008-Dhanbad School of Mines, India  
2007-Technical University of Ostrava, Faculty of Safety Engineering, Cehia  
1999- Ecole Nationale Supérieure des Techniques Industrielles et des Mines d'Alès - ENSTIMA, Franța

- **National and international recognition**

Included in **Marquis Who's Who -2014** ([http://bios.marquiswhoswho.com/roland\\_iosif\\_moraru/engineering\\_educator\\_researcher/8350672](http://bios.marquiswhoswho.com/roland_iosif_moraru/engineering_educator_researcher/8350672))

- **Citations**

141 citări în reviste ISI și ISI CPCI – Conference Proceedings Citation Index  
72 citări în reviste periodice indexate BDI și categoria B+  
8 citări în reviste Proceedings conferințe și reviste internaționale neindexate  
57 citări în cărți, manuale, îndrumătoare, culegeri publicate la edituri din țară  
141 citări în teze de doctorat naționale  
58 citări în conferințe, simpozioane, reviste, granturi, naționale

### **Hirsch Index**

WOS:  $h=9$

SCOPUS:  $h=8$

Google Scholar:  $h-index=17$

$i10index=24$

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*References will be provided upon request*

05.10.2020

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