



**Curriculum vitae
Europass**

**Personal
Information**

Name **GEORGESCU, Mircea**

Address

Phone

E-mail

Nationality Romanian

Date of birth

Sex Male

**Target job /
Occupational field** **University professor**

**Professional
experience**

The period From 15.08 1966 to 01.10.1991 I went through all the didactic degrees from assistant to associate professor.
01.10.1991-01.10.2008 university professor, doctoral supervisor (since 1997)
01.10.2008- 01.02.2011 consulting university professor
01.02.2011-present doctoral supervisor.

Position or position held University professor.

Main activities and responsibilities Teaching and research

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

Type of activity or sector of activity University preparation for the cycles: bachelor's, master's and doctorate and research activities

**Education and
Training**

Period 1981-doctor of engineering; 1966- mine engineer degree

Qualification / diploma obtained Mining Engineer; Doctor of Engineering in the field of Mines

The main disciplines studied / acquired professional competencies	-																																																					
Name and type of educational institution / training provider	Mining Institute, currently the University of Petroșani																																																					
Level in national or international classification	Nationally accredited university - high degree of trust European university																																																					
Personal skills and competences																																																						
Mother language	Romanian																																																					
Known foreign language (s)																																																						
	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Participation in conversation</th> <th colspan="2">Oral speech</th> <th colspan="2">Written expression</th> </tr> </thead> <tbody> <tr> <td>English language</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> </tr> <tr> <td>Russian language</td> <td>C1</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> </tr> <tr> <td>French language</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Participation in conversation		Oral speech		Written expression		English language	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	Russian language	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user	French language	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
Understanding				Speaking				Writing																																														
Listening		Reading		Participation in conversation		Oral speech		Written expression																																														
English language	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user																																												
Russian language	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user																																												
French language	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user																																												
	(*) <i>Level of the Common European Framework of Reference for Languages</i>																																																					
Social skills and abilities	In 57 years of teaching activity we have acquired social skills and abilities: direct connections with students and colleagues in the department, faculty and university.																																																					
Organizational skills and competences	14 years (1990-2004) dean of the Faculty of Mines and 4 years (2004-2008) vice-rector with issues of Education and International Relations at the University of Petroșani. Member of several national and international committees for the organization of scientific symposia (ECOMINING, SWEMP, MPES)																																																					
Technical competences and skills	Author of 12 books, 52 articles published in the country, 54 articles published abroad, coordinator PNCDI-12, coordinator of International Education Programs (TEMPUS) -1, collaborator of International Programs CDI-3, collaborator of Patents and Inventions-3 .																																																					
Computer skills and competences	A good command of Word, Excel, Power Point tools. Use of word processors, databases and the Internet.																																																					
Artistic skills and competences	-																																																					
Other skills and competences	-																																																					
- Driving license	No																																																					

Additional information:

National recognition:

- Mine, Oil and Gas Commission of the National Council for Attestation of University Titles, Diplomas and Certificates attached to the Ministry of Education, Research and Youth - member until 2006
- Romanian Agency for Quality Assurance in Higher Education - evaluating member in the specialized commission in the field of Environmental Engineering (Engineering Sciences C11)
- Romanian Committee of Large Dams - Technical Commission "Mining tailings dams and waste storage" – member
- Nominated Who's Who Romania 2002
- GeoResources and Environment Society (SoGeReM) - president (founding member)
- Association for the Reconstruction and Development of Mining Areas (ARDZM) - vice president (founding member)
- Romanian Mining Committee – member
- The Society of Economic Geology of Romania - honorary member
- General Association of Romanian Engineers (AGIR) – member
- Senior editor at Mining Revue/Revista Minelor + type magazine (BDI)
- Member of editorial committees (CNCSIS recognized journals):
 1. Mineral Resources Bulletin - ISSN Magazine: 1842-290X
 2. Annals of the University of Petroșani - Mining engineering - B+ type magazine (BDI)

International recognition:

- Russian Academy of Natural Sciences – member
- Society of Mining Professors – member
- Research Board of Advisors (The American Biographical Institute) - member

May, 2023

Areas of expertise:
Mining engineering:

1. Methods and technologies for underground and surface mining of ore deposits;
2. Geotechnics and rock mechanics with application in mining;
3. The reopening of mining fields that are currently closed for various reasons: unprofitable, geological conditions - heavy mining, outdated technologies and techniques etc.

Civil engineering:

1. Systematization of mine and open pits;
2. Surface constructions: location, sizing of resistance structures, stability, geotechnical works.

Environmental Engineering:

1. Use of underground and surface spaces resulting from the closure of mines / quarries for various uses: waste storage, tourism, placement of civil or industrial objects etc;
2. Environmental impact and risk assessment in areas affected by mines / quarries in operation or closed.
3. Environmental risk management;
4. Strategies for sustainable development of mining areas in different stages of mining activities: viable, in the process of closure, closed etc.
5. Greening the areas affected by mining.

LIST

scientific works in the field of discipline in teaching

A. Books and chapters in specialized books

A.1. international

1. **Georgescu M.** - *Concerns and Achievements as Regards Diminishing the Negative Effects of Mining on the Environment in Romania*, XV World Mining Congress, vol.II, TIASA Publisher, Madrid, 1992
2. **Georgescu M., Ștefan O.**- *Possibilities of using the Underground Spaces in Romania*, Zeszyty Naukowe Politechniki Slaskiej, Polonia, 2000
3. **Georgescu M., Hirian C. Cozma E. Cozma B.**- *File in the history of saliferous mining – Mining in the Central Europe through history*, Fruska Gora, Belgrad- Kosice 2010

A.2. national

1. Fodor D., Rotunjanu I., **Georgescu M.**, Voin V., Böyte A.- *Surface mining exploitations, Calculation examples Chapters (65pg) and VII(30pg)*, Technical publishing house, 1983 (in Romanian)
2. **Georgescu, M.**- *Optimizing the methods of underground exploitation of metal deposits*, Technical publishing house, 1986 (in Romanian)
3. Deak Gy, Deak Ștefania, Hirian C., **Georgescu Mircea** – *Exploitation of Romanian rock salt in the 21st century based on ECOMINING principles- Calculation of resistance structures. Practical examples - Estfalia publishing house-2005* (in Romanian)
4. Hirian C., **Georgescu M.** - *Stability of old salt pans in Romania - condition of their use for various fields*, UNIVERSITAS publishing house, Petroșani edition 2009 and edition 2012 (in Romanian)
5. **Georgescu M.**, Ciolea Daniela-Ionela - *Use of underground spaces*, UNIVERSITAS publishing house, Petroșani, 2017 (in Romanian)
6. **Georgescu, M.**- *Environmental risk management*, UNIVERSITAS publishing house, Petroșani, 2022 (in Romanian)

B. Manuals, course support

1. **Georgescu M.**- *Industrial constructions and systematization of mine surfaces*, Lithography Mining Institute Petroșani, 1978 (in Romanian)
2. **Georgescu M.**- *Systematization and reuse of land*, Lithography Mining Institute Petroșani, 1989. (in Romanian)

C. Coordination of study programs, organization and coordination of continuing education programs and educational projects (POS, Socrates, Leonardo, etc.)

1. Coordination of Tempus Program (1996-1999) JEP 11268-96

D. Articles in ISI WEB of SCIENCE - Thomson and ISI proceedings indexed volumes

1. Sârbu, R., **Georgescu, M.**, Ciocan, V. et al.- *Polluting sources and their impact on the environment in the Jiu Valley coal field* Conference: 6th International Symposium on Mine Planning and Equipment Selection (MPES) Ostrava, Czech Republic, 1997 Pages: 959-966
2. Biro, C; **Georgescu, M.** - *Natural regeneration of vegetation on the mining waste sites*, Conference: 6th International Conference on Environmental Issues and Management of Waste in Energy and Mineral Production (SWEMP), Calgary, Canada, 2000, Pages: 385-390
3. **Georgescu, M;** Traistă, E; Matei, A; et al.- *Soil fertility in coal sterile dump assessment in Jiu Valley*

- Romania Conference: 17th International Mining Congress and Exhibition of Turkey (IMCET 2001), Ankara, Turkey, 2001, Pages: 473-477
4. Dunca, E; **Georgescu, M.**- *The consolidation and the improvement of the Ribita-Curteni Tailling dam, in Romania Conference: 10th International Symposium on Mine Planning and Equipment Selection (MPES), New Delhi, India, 2001, Pages: 639-644*
 5. Popescu, Mirela, **Georgescu, M.** - *The strategy of the socio-economic development in the mining areas (Jiu Valley), subject to restructuring Conference: 10th International Symposium on Mine Planning and Equipment Selection (MPES), New Delhi, India, 2001, Pages: 623-628*
 6. **Georgescu, M.**, Dunca, E.C., Biro, C.- *Assessing the leisure function of the forests on demang lands, International Symposium on Mine Planning and Equipment Selection (MPES 2001)*
 7. **Georgescu, M.**, Faur, Fl., -*The implementation of an Environmental Monitoring System in Jiu's Valley, Romania, 18th International Symposium on Mine Planning and Equipment Selection, MPES, 2007*
 8. Ciolea, Daniela Ionela, **Georgescu M.** -*Experimental researches for the reduction of the atmospheric noxes resulted from pit coal combustion in the thermoelectrical centrals- Romania, Proceedings of 17th International Symposium on Mine Planning and Equipment Selection (MPES 2008) Held in Beijing, China October 20-22, 2008, Journal code: ISSN 1001- 1250/CN34-1055/TD, Beijing, China, 2008. <http://www.mpes-cami-swemp.com/mpes2008.pdfpp.460-467>*
 9. Faur F.G., **Georgescu, M.**- *Network for water quality monitoring in Jiu's Valley, Romania, 3rd International Seminar ECOMINING, Milos Island, Greece, 2009*
 10. Furtună, P., **Georgescu, M.**- Găman, M.S., Nimară, C.- *Criteria for mining closure, 3rd International Seminar ECOMINING, Milos Island, Greece, 2009*
 11. Ciolea Daniela Ionela, **Georgescu, M.**- *Experimental Researches concerning the desulphurization of the gases that resulted from the coals combustion, Romania, MPES, Canada, 2009*
 12. **Georgescu, M.**, Emilia Dunca, D.I. Ciolea - *The pelicularities of sustainable development in mining activity. Proceeding ECOMINING Europe in 21st Century-Milos Island, Greece, 2009. ISBN 978-973-741-136-5, <http://milos.conferences.gr/uploads/media/AgendaECOMINING2009.pdf>*
 13. **Georgescu, M.**, Avram, H., Bobar, H., et al.- *The risks assessment of Rosia Montana mining project - Romania, Conference: 12th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production Prague, Czech Republic, 2010, Pages: 135-1411*
 14. **Georgescu M.**, Lazăr Maria, Găman M.S. - *Development strategy of the mining sector in Romania until 2020, 4th International Conference on Mining Innovation MININ- Santiago, Chile, 2010.*
 15. Dunca, Emilia Cornelia, Ciolea, Daniela-Ionela, **Georgescu, Mircea**, et.al.- *Use of Aquatic Vegetation for the Treatment of Mine Acid Waters in the Mine Brad, Inzynieria Mineralna-Journal of the Polish Mineral Engineering Society, issue 2, pages 107-111. Published: JUL-DEC 2019. WOS:000530703600017, ISSN: 1640-4920*
 16. Roman, Liliana, **Georgescu, M.**- *Implementation of the Romanian Mining Strategy 2017-2035, with special regard to pit coal: failure or abandonment?, 10th Edition of the International Symposium on Occupational Health and Safety – SESAM 2021, October 18th 2021, in Petrosani, Romania. MATEC Web of Conferences **354**, 00021 (2022) <https://doi.org/10.1051/mateconf/202235400021>*

E. Journal articles and volumes of scientific events indexed in other international databases (works published after 1990)

1. Fodor D., **Georgescu M.**, Păsărin C., Zăvoianu N.- *Situația actuală și perspectiva de dezvoltare a exploatării la zi, Vol. Al 14-lea Congresul Mondial Minier, Beijing, 1990*
2. Fodor, D., **Georgescu M.**, Mironovici R.-*Concerne and achievements as regards diminiching the negative effect of mining on the environment in Romania, Lucrările celui de al XV-lea Congres Mondial Miner, Madrid, 1992*
3. Fodor D., **Georgescu M.**, Rotunjanu I., Voin V., Zaporojan M.- *Modernation des activités d'extraction des carrieres de roches dures de la Roumanie dans les conditions de protection de l'environnement, vol. al 16-lea Congresul Mondial Minier, Sofia, 1994.*
4. **Georgescu M.** - *The Impact o the Mining Activity on the Environment in the Oltenia Area, 5th International Symposium on the Reclamation Treatment and Utilization of Coal Mining Wastes, Ostrava, 1996*
5. **Georgescu M.** - *Considerations Regarding the Rehabilitation of the Zones Affected by Mining Activity in the Apuseni Mountains, 5th International Symposium MPES, Sao Paolo, 1996*
6. **Georgescu M.**, Florea A. - *Optimizing the Drilling and Blasting Parameters in the Field of nonconventional Technologies, 2nd Regional APCOM'97 Symposium on Computer Application and Operators Research in the Mineral Industries, Moskow, 1997*
7. **Georgescu M.**, Biro C. - *Sollutions for Uselles Rock Fertilization without Vegetal Soil Contribution, 4th International Symposium on Environmental Geotechnology and Global Sustainable Development, Boston, 1998*
8. **Georgescu M.**, Biro C. - *Soil Fertility in Coal Steril Dump Assessment in Jiu Valley – Romania- 17th*

International Mining Congress and Exhibition of Turkey – IMCET, 2001

9. **Georgescu M.** - *Experience of Rehabilitation of Mining Zone Jiu's Valley*, 19th World Mining Congress – New Delhi – India, 2003
10. **Georgescu M.** - *One of the 21st Century Paradigms – Resources Finitude and the Earth Incapacity to Bear Wastes any Longer*, ECOMINING International Seminar, Sovata–Praid,2005
11. **Georgescu M.** - *Amenajarea unui muzeu al mineritului în subteran în zona Piscu-Priboi de la Exploatarea minieră Aninoasa*, Revista Construcții subterane, nr.special/ 2005
12. Felea, C.M., Matei, R., **Georgescu, M.** - *Sisteme de management de mediu pentru industria miniera*, Revista de Management și Inginerie Economică, Vol. 4, Nr.2 (14) 2005.
13. **Georgescu M.**, Deak Gy., Deak Ștefania - *Abandoned Underground Mining Cavities Reusage in Respect of the European Union Environment Acquis*, Buletin Resurse Minerale, nr.1,2006
14. **Georgescu M.**, Ștefan O. - *Underground Spaces: Resource for Development and Environmental Protection* – 2nd International Conference AMIREG – Hania,Greece 2006
15. Ciolea Daniela Ionela, **Georgescu, M.**- *Studiul reducerii noxelor atmosferice degajate prin arderea combustibililor solizi in centralele electrotermice cu aplicatie la C.E.T. Paroseni* - 2nd International Seminar, Sovata&Salt Mine Praid,2007
16. **M Georgescu M.**, Buia Gr. - *Possibilities for Storing Radioactive Waste Romanian Underground Mining Spaces*, 16th International Symposium MPES- Bangkok, 2007
17. **Georgescu M.**, Iordăchiță V.,Buia Gr. *Solutions for Storing Dangerous Waste in the Romanian Underground Mining Spaces*,17th International Symposium MPES, Beijing, 2008
18. **Georgescu M.**, Faur Fl. - *The implementation of an environmental monitoring system in Jiu's Valley, Romania*, MPES Canada,2009
19. Felea, M.C., **Georgescu, M.** Nimară, C.- *Strategies and policies for national and sectorial environmental protection*, 3rd International Seminar ECOMINING, Milos Island,Greece,2009
20. Deak Ștefania, Deak Gy., **Georgescu M.**, Predescu C. - *Numerical modelling of the mining strength structure placed in rock mass with complex tectonics (coautor)*, 5th International Symposium SIMPRO, Petroșani, 2012.
21. **Georgescu M.**- *The Sustainable Development in Mining*, Romanian Journal of Minerals Deposits vol. 87/2014, no.1
22. **Georgescu.** - *The impact of human activities on the environment to Lonea mine*, Annals of the University of Petroșani, Mining Engineering,16(2015)
23. Fodor D., **Georgescu M.** - *Soluții de salvare a mineritului din Valea Jiului*, Revista Minelor nr.4, 2016.
24. Tomuș, Al.V., **Georgescu M.**- *Calculul emisiilor de metan ale unui depozit de deșeuri mixte, în vederea dimensionării sistemului optim de colectare, evacuare și eliminare a acestora după închidere și ecologizare*,Revista Minelor nr.4, 2017
25. **Georgescu, M.** *Utilizarea spațiilor subterane miniere pentru depozitarea deșeurilor periculoase*, Revista Minelor, nr.4, 2018
26. Tiba, N., **Georgescu, M.** - *Landscape and functional reconstruction of the perimeter affected by Turcoaia - Iacobdeal quarry post-closing*, Annals of the University of Petrosani- mining engineering vol. 19 (XLVI) Universitas publishing house Petroșani – România, 2018
27. **Georgescu, M.** – *Evaluarea impactului și riscului de mediu la salina Praid și măsuri de reducere a efectelor negative asupra mediului înconjurător*- Revista Minelor vol.26, nr.3/2020
28. **Georgescu, M.** – *Mineritul în secolul al XXI-lea* – Revista Minelor nr.4/2020
29. Tomuș, A.V., **Georgescu, M.** - *Sizing of the dikes located in the ramp of the shafts in view of their closure through full packing*- Annals of the University of Petrosani- Mining engineering vol.21-2020 (XLVIII) Universitas publishing house Petroșani – România, 2020
30. Gurică, Crina-Adriana, **Georgescu, M.**- *Evaluarea impactului mediului generat de sectorul energetic din zona Minieră Rovinari*- Revista minelor vol.27, nr.2/2021
31. Pascu, Ileana, **Georgescu, M.** – *A possible tunnels execution technology on subsection E2 of highway A1*- Mining Revue issue 27, no. 3/2021, pp 45-63.
32. **Georgescu, M.**- Recenzie carte *Mineritul pe teritoriul României- trecut, prezent și posibil viitor* elaborată de Dumitru Fodor, Revista minelor vol.29, nr.4/2021
33. Terleccki Andreea Eliza, **Georgescu, M.** – *Solutions regarding the landscape framework of the Petrila post closing mining perimeter*- Annals of the University of Petrosani- Mining engineering vol.22-2021 (XLIX) Universitas publishing house Petroșani – România, 2021
34. Tomuș, Al.V., **Georgescu, M.**-*Solutions for isolating zone with danger of flood during period of mine closing*- Annals of the University of Petrosani- Mining engineering vol.22-2021 (XLIX) Universitas publishing house Petroșani – România, 2021
35. Roman, Liliana, **Georgescu, M.**- *Research on the quality of the soil and the land related to the mining perimeters in Valea Jiului*, Mining Revue (Revista Minelor) vol.28, no 4/2022.

F. Intellectual property, patents

F.1. national

1. Experimental stand for testing the reliability of active or green solid waste landfills at static and dynamic ECO-DEK-DFG - OSIM A / 01119/2005
2. System for monitoring the stability of solid waste landfills / active landfills - Patent no.121434/2007

G. Grants / projects won through competition

G.1. Director / responsible

G.1.1. national

1. *Soluții de remediere a mediului înconjurător în zona salinei Praid și corelarea parametrilor de mediu salin la normele Uniunii Europene* – Contract nr. 437/2004 – MENER
2. *Realizarea unei platforme ECOMINING de promovare a potențialului de cercetare și inovare românesc și afilierea la platformele existente în Uniunea Europeană* – ECOMINING - Contract nr. 92/2006 – CEEEX
3. *Managementul durabil al depozitelor de deșeuri solide amenajate în situri miniere inactice conform acquisului de mediu al Uniunii Europene* - DESOLSITMIN - Contract nr.167.1/2006 – CEEEX
4. *Transformarea salinelor vechi istorice în vederea valorificării durabile a resurselor naturale de sare gemă ca obiective eco - turistice și centre de relaxare*- RESTSALDUR - Contract nr.169.3/2006 – CEEEX
5. *Implementarea politicii de mediu european în valorificarea eficientă a resurselor naturale de sare gemă*- MEDEUROSAR -Contract nr. 170.3/2006
6. *Studiu privind elaborarea de criterii și indicatori privind conservarea zăcămintelor și monitorizarea post închidere a lucrărilor de reconstrucție ecologică* - Contract nr. 28/2007

G.2. Team member

G.2.1. international

1. Safe Management of Mining Waste and Waste Facilities. Contract: SAFEMANMIN, FP6 - Coordination Action Scientific Support to Policies. 2006-2008

H. Research / consultancy projects

1. **Georgescu, M.**, Onica, I., Cozma, E. *Valorificarea eficientă cu risc minim asupra mediului a unui zăcământ uranifer din Carpații Orientali în vederea asigurării combustibilului nuclear în concordanță cu cerințele programului nuclear național*, MENER Contract UP nr.020/2001 – faza 1.
2. **Georgescu, M.**, Onica, I., Cozma, E. *Valorificarea eficientă cu risc minim asupra mediului a unui zăcământ uranifer din Carpații Orientali în vederea asigurării combustibilului nuclear în concordanță cu cerințele programului nuclear național*, MENER Contract UP nr.020/2001 – faza 2 Realizată în 2003.
3. **Georgescu, M.**, Hirian, C., Cozma, E., Onica, I. Neag, I., Goldan, T. *Studiu asupra potențialului balnear și turistic al municipiului Turda, zona Durgău – Valea Sărată*, Contract internațional UP cu Consiliul Local Turda, nr.126/2005.
4. Onica, I., Cozma, E., Hirian, C., **Georgescu, M.**, Moraru, R. *Creșterea atractivității turistice a zonei cu potențial balnear zona Durgău -Valea Sărată și Salina Turda*, Contract nr.8/2008, UP- SC ACI Cluj-Napoca.).
5. Onica, I., Cozma, E., Hirian, C., **Georgescu, M.**, Marian, D. ș.a. Proiect tehnic - Exploatarea sării cu combina la Salina Praid, Contract nr.19/12.12.2011, UP cu SNS SA Sucursala Salina Praid.
6. Onica, I., Cozma, E., Hirian, C., **Georgescu, M.**, Marian, D. ș.a. *Proiect tehnic - Exploatarea sării cu combina la Salina Slănic Prahova*, Contract nr. 7858, din data 10. 07. 2012, UP cu SNS SA Sucursala Salina Slănic Prahova.
7. Onica, I., Cozma, E., Hirian, C., **Georgescu, M.**, Marian, D. ș.a. *Proiect tehnic - Exploatarea sării cu combina la Salina Ocna Dej*, Contract nr.40/21.06..2013, UP cu SNS SA Sucursala Salina Ocna Dej 8. Onica, I., Cozma, E., Hirian, C. **Georgescu, M.**, Marian, D. ș.a. *Refacere susținere puț Carol, consolidare și impermeabilizare teren din jurul puțului, construcție platformă betonată și casă puț*, Contract nr. 14512, din data 10. 12. 2013, UP cu SNS SA Sucursala Salina Slănic Prahova
9. Onica, I., Cozma, E., **Georgescu, M.** ș.a.- *Studiu de fezabilitate: Lucrări pentru dezvoltarea capacității de producție la E.M. Lonea – Hunedoara lot I (Etapele I și II), Capitolul 9. Evaluarea impactului și riscului de mediu (M: Georgescu)*. Contract nr. 4375/2014. Simbol 40-285/R University of Petroșani,
10. **Georgescu, M.**, Cozma, E., Onica, I.- *Studiu privind verificarea stabilității camerei de mină Iosif-sala ecurilor și a ariei de influență a camerei asupra terenului situat în cupola acesteia, la suprafață*, Turda 2017
11. Marian, D., Onica, I., Cozma, E., **Georgescu, M.** ș.a. -*Studiu privind stabilirea cauzelor apariției fenomenului de subsidență discontinuă în perimetrul minier Lupeni*, Contract nr 1699APS/05.12.2018 UP cu CEH SA
12. Vereș, I., Cozma, E., **Georgescu, M.** ș.a.- *Studiu de Soluții și Proiect tehnic de execuție Proiectare sistem nou de aeraj etapa I: studiu de soluții la Sucursala Salina Ocna Dej*, 2018

13. Marian, D.P, Onica, I., **Georgescu, M.**, Cozma, E. ș.a.- *Studiu privind stabilitatea construcțiilor și terenului din perimetrul de influență al minelor vechi (Ocna din deal și Ocna din vale), Victoria, Unirea și Cantacuzino funcție de datele de cunoaștere existente (topografice, reologice, geologice, hidrogeologice, etc.) precum și a deformațiilor elementelor de rezistență ale excavațiilor subterane din mina Cantacuzino, în vederea desfășurării în condiții de siguranță a exploatării și a protejării obiectivelor civile și industriale, Universitatea din Petroșani, Contract nr. 186/15.10.2019.*
14. Cozma, E., **Georgescu, M.**, Vereș, I., Cozma, B.- *Expertiză privind Evenimentul care a avut loc la data de 30.10.2017 la S.N.I.M.V.J.-mina Uricani, Petroșani 2021*
15. Cozma, E., **Georgescu, M.**, Marian, D.- *Consolidarea și asigurarea puțurilor Iosif Sud și Nord, Salina Turda, Petroșani 2022*
16. Onica, I., Cozma, E., **Georgescu, M.**, Marian, D. Cozma, B.- *Studiu privind exploatarea eficientă a zăcămintului polimetalic din corpul Antonio, sub orizontul XVIII, Mina Băița Plai, la o capacitate de producție de 100 000 tone/an, Contract nr. 112/26.01.2022*
17. Vereș, I., Beldea, M., Cozma, E., **Georgescu, M.** ș.a.- *Plan de dezvoltare. Reactualizarea documentațiilor cuprinse la art. 2 din licența de concesiune pentru exploatare nr. 1573/2000 aferentă **EM Livezeni** Anexa B – Planul de dezvoltare simbol: 1363/2019 Beneficiar: Societatea Complexul Energetic Hunedoara S.A. contract de finanțare:1363 /2019*
18. Vereș, I., Beldea, M., Cozma, E., **Georgescu, M.** ș.a.- *Plan de dezvoltare. Reactualizarea documentațiilor cuprinse la art. 2 din licența de concesiune pentru exploatare nr. 1573/2000 aferentă **EM Vulcan** Anexa B – Planul de dezvoltare simbol: 1363/2019 Beneficiar: Societatea Complexul Energetic Hunedoara S.A. contract de finanțare:1363 /2019*

May, 2023