



**Curriculum vitae
Europass**



Personal Information

Name **GEORGESCU, Mircea**

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Nationality Romanian

Date of birth 26.01.1942

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 preparator 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)

Autoevaluation <i>European level (*)</i>	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

(*) *Level of the Common European Framework of Reference for Languages*

Social skills and abilities In 54 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.

Technical competences and skills Author of 14 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 Revista Minelor- B + 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



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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 quarry surfaces;
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

A.2. national

1. Hirian C., Georgescu M. - Stability of old salt pans in Romania - condition of their use for various fields, UNIVERSITAS publishing house, Petroșani 2012
2. Georgescu M., Ciolea Daniela-Ionela - Use of underground spaces, UNIVERSITAS publishing house, Petroșani, 2017

B. Manuals, course support

1. Georgescu M.- Environmental risk management, online (for master students), 2018
2. Georgescu M.- The impact of the mining industry on the environment, online (for doctoral students), 2014

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. Faur F.G., Georgescu, M.- Network for water quality monitoring in Jiu's Valley, Romania, 3rd International Seminar ECOMINING, Milos Island, Greece, 2009
3. Georgescu, M., Emilia Dunca, D.I. Ciolea - The peculiarities 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>
4. 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: 135-141

E. Journal articles and volumes of scientific events indexed in other international databases

1. Georgescu M. - The Impact of 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
2. 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
3. Felea, C.M., Matei, R., Georgescu, M. - Environmental management systems for the mining industry, Journal of Management and Economic Engineering, Vol. 4, No.2 (14) 2005.
4. Georgescu M., Buia Gr. - Possibilities for Storing Radioactive Waste Romanian Underground Mining Spaces, 16th International Symposium MPES- Bangkok, 2007
5. Georgescu M., Iordăchiță V., Buia Gr. Solutions for Storing Dangerous Waste in the Romanian Underground Mining Spaces (first author), 17th International Symposium MPES, Beijing, 2008
6. Georgescu, M.- Preocupări și realizări ale universitarilor petroșăneni privind protecția mediului, Revista Minelor nov.-dec. 2008
7. Georgescu M., Faur Fl. - The implementation of an environmental monitoring system in Jiu's Valley, Romania, MPES Canada, 2009
8. Felea, M.C., Georgescu, M. Nimară, C.- Strategies and policies for national and sectorial environmental protection, 3rd International Seminar ECOMINING, Milos Island, Greece, 2009
9. Georgescu, M., - Soluții pentru depozitarea deșeurilor radioactive în România în spațiile subterane- Revista Minelor, nr. 6/2009
10. 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;
11. Georgescu M.- The Sustainable Development in Mining, Romanian Journal of Minerals Deposits vol.87/2014, no.1
12. Georgescu M. - The impact of human activities on the environment to Lonea mine, Annals of the University of Petroșani, Mining Engineering, vol.16 (2015) (XLIII)
13. Georgescu, M.- Recenzie carte D. Fodor- Minerit și mediu, Revista Minelor nr. 2/2015
14. Fodor, D., Georgescu, M.- Soluții de salvare a mineritului în Valea Jiului= Revista Minelor nr.4/2016
15. Georgescu, M.- Recenzie carte B.Bogdan- Cărbunele-ultima falie, Revista Minelor nr.2/2017
16. Tomuș, V., Georgescu, M.- Calculul emisiilor de metan a unui deposit de deșeuri mixte, în vederea dimensionării sistemului optim de colectare, evaluare și eliminare a acestora după închidere și ecologizare, Revista Minelor nr.4/2017
17. Georgescu, M. The use of underground mining spaces for hazardous waste storage, Revista Minelor, no.4, 2018
18. 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
19. 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
20. Georgescu, M. – Mineritul în secolul al XXI-lea – Revista Minelor nr.4/2020
21. 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

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. Solutions for remediation of the environment in the Praid saline area and correlation of the saline environment parameters to the norms of the European Union - Contract no. 437/2004 - MENER

2. Sustainable management of solid waste landfills arranged in inactive mining sites according to the environmental acquis of the European Union - DESOLSITMIN - Contract no.167.1 / 2006 - CEEX MEDEUROSAR - Contract no. 170.3 / 2006
3. Study on the elaboration of criteria and indicators regarding the conservation of the deposits and the post-closure monitoring of the ecological reconstruction works - Contract no. 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 (equivalent value of min. 5000 Euro)

1. Feasibility study: Works for the development of production capacity at E.M. Lonea - lot I Stages I and II, 2014. Chapter 9. Environmental impact and risk assessment.
2. Marian,D.P, Onica,I., Georgescu,M., Cozma,E. ș.a. (2019), 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,Coautor Contract nr. 186/15.10.2019.



august.2022