



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Adrian, FLOREA**

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Nationality Romanian

Date of birth 28.01.1966

Gender Male

Work experience

Dates October 2004 onwards

Occupation or position held Associate Professor

Main activities and responsibilities Teaching, design and research activities in mining and environmental fields:

- teaching activity at disciplines "Computerized mining design", "Nonconventional mining technologies", "Environmental monitoring", "Pollution modelling and control"; "Methods and programs for assessing the pollutants dispersion"
- Bucket wheel excavators operating under difficult mining conditions including unmineable inclusions and geological structures with excessive mining resistance – BEWEXMIN – Research grant RFCR-CT-2015-00003 – Horizon 2020 – RFCS, team member;
- Stability study of waste dump *Valea Arsului - E. M. Vulcan – Waste management plan accordingly HG 856/2008*. Hunedoara Energetic Complex S.A. contract no. CD 2130 /17.10.2013 – team member.
- Design for increasing capacity of waste dump and stability study – Uricani colliery – CNH contract no. 68 AP/2010 – project director;
- The study of how geo-mining phenomena influenced the event produced in seam 3, bl.II, horizon -250 at E.M. Petrila in 15.nov.2008 - Contract no. 23 / 2009, team member;
- *Safe Management of Mining Waste and Waste Facilities – SAFEMANMIN* – FP6 project no. 044126/2007 – team leader at University of Petrosani;
- Waste dump design – branch V Petrila colliery – CNH contract no. 131 ASL/2007 – project director
- Romanian mining industry status analysis and his environmental impact – Univ. of Bucharest contract no. 28 /2007 – team member;
- Waste dump design for Lonea, Livezeni, Vulcan, Lupeni collieries of Hard Coal National Company – CNH contract no. 92 ASL/2006 – project director;
- Geological database creation for mining perimeters of Jilț Sud și Jilț Nord open pits – ICSITPML Craiova contract no.153 / 2006 -project director;
- Stability studies for active waste dump of Hard Coal National Company – CNH contract no. 69 ASL/2005 – team member.

Name and address of employer University of Petrosani, Mining Engineering Faculty, str. Universitatii 20, 332006, Petrosani, Romania

Type of business or sector Higher education

Dates October 1996 - September 2004

Occupation or position held Lecturer

Main activities and responsibilities	Teaching, design and research activities in mining and environmental fields: - teaching activity at disciplines “Geological data informatisation”, “Ornamental rock deposits modeling”, “Environmental monitoring strategies”; - Solution for environmental reclamation at Praid salt mine – contract PNCDI no. 437/2004 MENER – team member; - Teledetection inventory and monitoring system for land surfaces occupied by mining industry - SIMIN - contract PNCDI no. 77/2003 AEROSPATIAL – team leader at University of Petrosani; - Development of a high-resolution equipment for micro tectonic characterization of ornamental rock deposits with purpose of increasing the recovery degree – contract PNCDI no. 35/2001 MENER – team leader at University of Petrosani.
Name and address of employer	University of Petrosani, Mining Engineering Faculty, str. Universitatii 20, 332006, Petrosani, Romania
Type of business or sector	Higher education
Dates	October 1990 – September 1996
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching, design and research activities in mining and environmental fields
Name and address of employer	University of Petrosani, Mining Engineering Faculty, str. Universitatii 20, 332006, Petrosani, Romania
Type of business or sector	Higher education
Dates	August 1990 – September 1990
Occupation or position held	Design Engineer
Main activities and responsibilities	Design and research activities in mining fields
Name and address of employer	Institute for mining research and design – MINESA SA, str. T. Vladimirescu 15-17, 435011, Cluj-Napoca, Romania
Type of business or sector	Research and design
Education and training	
Dates	October 2007 – July 2009
Title of qualification awarded	Master degree Diploma Series H No. 0062403
Principal subjects/occupational skills covered	- Project management
Name and type of organisation providing education and training	University of Petrosani, Mining Engineering Faculty, ROMANIA
Level in national or international classification	ISCED 6
Dates	February 1992 – December 2000
Title of qualification awarded	PhD Diploma Series C No. 0004533
Principal subjects/occupational skills covered	Thesis Title – “ Analysis of integral and efficient exploitation of ornamental rocks from Romania”
Name and type of organisation providing education and training	University of Petrosani, Mining Engineering Faculty, ROMANIA
Level in national or international classification	ISCED 6
Dates	September 1985 – June 1990
Title of qualification awarded	Engineer Diploma Series G No. 11163
Principal subjects/occupational skills covered	Mining engineering Open pit mining engineering
Name and type of organisation providing education and training	University of Petrosani, Mining Engineering Faculty, ROMANIA
Level in national or international classification	ISCED 5

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

English

Italian

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
B1	Independent user	B1	Independent user	A2	Elementary user	A2	Elementary user	A2	Elementary user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

-Team work: I have worked in many research teams (see research contracts above) with professionals from various fields.
 -Intercultural skills: I am experienced at working in an international environment such as being rapporteur at 19th World Mining Congress New Delhi – India, 2003 and also as member of the European research team in the *SAFEMANMIN* – FP6 project no. 044126 between January 2007 and June 2008.
 -Communication skills: I gained through my teaching experience and participation at international conferences and symposiums related to mining and environmental issues.

Organisational skills and competences

-Whilst working for 19th WMC New Delhi – India, 2003 as member of Technical Organisation Committee.
 - As team leader at various research contracts (see the list above).

Technical skills and competences

- methods and techniques for open pit mining,
- hydrogeology and dewatering technologies,
- building and stability of mining waste facilities,
- environmental monitoring and quality assessment,
- computer aided design for mining.

Computer skills and competences

Competent with Microsoft Office programmes (Word, Excel, Power Point, Access) and computer aided design software (GEOVIA Surpac , AutoCAD).

Driving licence

I am holder of a Romanian driving licence, categories A and B vehicle.

Additional information

References available upon request.