



Europass Curriculum Vitae

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Personal information

First name(s) / Surname(s) **Name: Rusu Constantin**

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Nationality romanian

Date of birth 15.10.1955

Gender male

Desired employment / Occupational field **Geology**
Service - synthesis and interpretation

Work experience

Dates

Period: sept. 1988 – present

Work: Bucharest

Institution: I.G.R.

Function :

-engineer 1988-1995

-c.p. III 1995-2001

-c.p. II 2001-present

-chief lab 2001-2003

-adj chief section 2003 -2011

Period: aug.1986-sept.1988

Work: Bucharest

Institution: URBIS

Function :

-shift chief 1986-1987

-technologist engineer 1987-1988

Period: oct. 1983 - aug. 1986

Work: Curtea de Argeş

Institution: UFET

Function :

-metallurgical engineer 1983-1985

- technological design chief 1985 -1986

Occupation or position held Senior Researcher II

Main activities and responsibilities Studies and researches in the field of mineral substances. Studies and researches in the processing mineral substances. Research conducted for pollution reduction: (Residues, tailings ponds, industrial waste) prizes, patents - see Annex monitoring environmental parameters.

Name and address of employer Geological Institute of Romania (I.G.R) – 1Caransebes st. sector 1 – Bucharest 012271

Type of business or sector National Research - Development Institute

Education and training

Dates Institution: Faculty of Metallurgy - Polytechnic Institute of Bucharest
 Period: septembrie 1978 - iunie 1983
 Title of qualification awarded Diploma obtained: Engineer

Institution: lyceum.Dr.Petru Groza - Bucharest.
 Period: 1972 - 1976
 Bacalaureat Diploma

Principal subjects/occupational skills covered

Name and type of organisation providing education and training Polytechnic Institute of Bucharest

Personal skills and competences

Mother tongue(s) Romanian

Other language(s) **self - evaluation**

Self-assessment <i>European level (*)</i>	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
Language	A2	French	A2	French	A1	French	A2	French	A1	French
Language	A2	English	A2	English	A1	English	A2	English	A1	English

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

Organisational skills and competences

Technical skills and competences Equipment technical skills: magnetic separators, electrostatic, flotation, particle size analyzers, sensors, AAS, XRF.... etc

Computer skills and competences Hard and software

Artistic skills and competences Graphics, photography, music

Driving licence Yes (car driving license)

Additional information Open to dialogue and cooperation

Annexes

Titles of the most significant papers:

Stocarea și reevaluarea computerizată a datelor de potențial al rezervelor/resurselor de minerale din România, PNC-DI, vol. Scientific session "MENER 2002", pag 593 – 598, Univ. Bucharest Polytechnic, Fac. Faculty of Energy. Authors: D.G. Cojocariu, C. Rusu, D. Ion, N. Floria. – appeared 2002.

Tehnologie de obținere a cuarțului de mare puritate (2002) - Poster, National Fair of mining products "Prod - min", edition I, Geological Museum, Bucharest. Authors: I. Ene, C. Rusu, C. Bărzoii, N. Floria, D. Ion, C. Matei, G. Udubașa, M. Borcoș

Purification of Quartz by Thermal and Chemical Treatments, Romanian Journal of Mineralogy, vol. 80 (2000), pag. 89 – 101, IGR – Bucharest. Authors: I. Ene, C. Rusu, D. Ion. – apărut 2003.

Patrimoniul național de substanțe nemetalifere –Sursă potențială de cercetare și valorificare durabilă – Publisher Romanian Academy Authors: M. Borcoș, I. Ene, S. Harosa, B.Găbudeanu, C. Rusu – 2003

The Influence of the Non-ferrous and / or Noble Metals on the Processability of Ores (Exploited) from These Accumulations (Deposits) As Well As on the Valorificability of Useful Components from the Concentrates Obtained by Processing the Respective Ores (in print) - *Yearbook IGR*, Bucharest. Autori: D. Ion, C. Rusu, C. Bărzoi

Among the many research topics addressed over time in the Division of Mineral Resources and Environmental Geology, many of these issues aimed at environmental issues, especially recycling mining and processing the results of industry ore. Below are selectively some of the concerns addressed in this direction.

RESEARCH FOR REMEDIATION ENVIRONMENT

- **Posibilități de valorificare prin preparare mecanică a rezidului (nămolul roșu) de la uzinele de alumina Oradea și Tulcea**, 1992-1994, Research Report, Archive I.G.R.
 - The work was awarded by the National Commission for Materials Recycling in the national competition "Ideas in the identification, recovery and waste recovery."
 - Research conducted and results were presented at the seminar „*Mineral Processing and Environment*“ - NATO Advanced Study Institute (Varna, 18-30 august, 1996).
 - Main results of researches were published in *Yearbook IGR*, vol. 69 (1996), part 2, pag. 523-526.
- **Posibilități de valorificare prin preparare mecanică a zgurii de la uzina metalurgică Copșa Mică**, Research Report, Archive I.G.R., 1994 – 1996.
 - Main results of researches were published in *Yearbook IGR*, vol. 69(1996), part 1, pag. 114-115.
 - Some results were presented at the seminar „*Mineral Processing and Environment*“ - NATO Advanced Study Institute (Varna, 18-30 august 1996).
 - Some results are subject patent nr. 113220/1998 „*Produs abraziv pentru sablat, procedeu de obținere a produsului și instalație de realizare a procedurii*“.
- **Valorificarea sterilului de la uzina de preparare Roșia Montană prin recuperarea metalelor prețioase și a feldspatului potasic**, Research Report, 1992-1995 Archive I.G.R.
 - Main results of researches were published in *Yearbook IGR*, vol 69 (1996), part 1, pag. 110-111 - Some results were presented at the seminar „*Mineral Processing and Environment*“ - NATO Advanced Study Institute (Varna, 18-30 august 1996).
- **Valorificarea complexă (pentru aur, minerale grele și agregate minerale pentru construcții) a depozitelor aluvionare de pe teritoriul României**, Research Report, 1988-1990 Archive I.G.R.
 - Some results were presented in the third symposium „*Proveniența și effluența aluviunilor*“, Piatra Neamț, 1990.
- **Introducerea biotehnologiei în procesarea substanțelor minerale solide (oxidarea bacteriană a piritei; deferizarea cuarțului)**. Research Report, 1996-1998, Archive I.G.R.
 - Some results have been presented - *International Conference of International Biotechnology Society* – Sidney, 4-6 aug. 1997 - and in the context of the Ninth Symposium of Microbiology and Biotechnology – Iași, sept. 1998.

Works awarded:

- **Posibilități de valorificare prin preparare mecanică a rezidului (nămolul roșu) de la uzinele de alumina Oradea și Tulcea**, 1992-1994, Research Report, Archives I.G.R.
The work was awarded by the National Commission for Nuclear Activity in the national competition "Ideas in the identification, recovery and waste recovery".
- **Tehnologie de obținere a cuarțului de mare puritate**. (2000) *Special Mention Award for Excellence in Science and inventive obtained Salon - Bucharest 2000*.

1. inventions:

Produs abraziv pentru sablat, procedeu de obținere și instalație de realizare a procedurii; *Patent* nr. 113200 / 1998 ; Authors: I. Ene, C. Rusu, V. Costăchescu.

Date:
15.06.2017

Signature