

## Curriculum Vitae

### First name(s) / Surname(s) **MARINELA PANAYOTOVA**

Address (business) University of Mining and Geology, "St. Ivan Rilski" "Student Town", Boyan Kamenov Str. No1, 1700 Sofia, Bulgaria

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Web of Science ResearcherID: ABE-5833-2020

### Positions (at moment)

Dates Since 2011 - until now

Occupation or position held **Professor in Mineral Processing and Recycling**

Name and address of employer University of Mining and Geology, "St. Ivan Rilski"

Dates 2012 - 2024

Occupation or position held **Head of the Department of Chemistry**

Name and address of employer University of Mining and Geology, "St. Ivan Rilski"

Dates 2009 -2016

Occupation or position held **Director of the Kardzhali branch of the University of Mining and Geology**

Name and address of employer University of Mining and Geology, "St. Ivan Rilski"

Dates 2004-2009

Occupation or position held **Vice-Dean of the Mining Technology Faculty**

Name and address of employer University of Mining and Geology, "St. Ivan Rilski"

Dates 2001 – 2011

**Occupation or position held** **Associated Professor (Dozent) in Physical Chemistry, awarded by the Bulgarian Higher Testimonial Commission (BHTC), Department of Chemistry**

Name and address of employer University of Mining and Geology, "St. Ivan Rilski"

Dates 1990 – 2001

Occupation or position held **Assistant Professor, Dept. of Chemistry**

Name and address of employer University of Mining and Geology, "St. Ivan Rilski"

Dates 1984 - 1985

Occupation or position held **Chemist - "Laboratory of Kinetics and Catalysis"**

Name and address of employer Dept. of Inorganic Chemistry, Chemical Faculty of Sofia University "St. Kl. Ohridski"

### Education and training

Dates 1985-1989

Title of qualification awarded **Ph.D. in Physical Chemistry (Corrosion control), awarded by the BHTC and Bulgarian Academy of Sciences**

Educational institution Mining Geological Institute (MGI) - Sofia, BAS

Dates 1979 - 1984  
 Title of qualification awarded **M.Sc. Chemistry (Inorganic and Analytical), gold medal**  
 Educational institution Chemical Faculty of Sofia University "St. Kl. Ohridski"

Dates 1993 – 1994  
 Title of qualification awarded **Post-Graduate specialization “Environmental Technology and Management”, TEMPUS (JEP 1918-92) - Ddiploma, equivalent to a British MSc course by examination and submission of diploma project**  
 Educational institution TU – Sofia, BG; UMG – Sofia, BG; University of Sunderland – UK; TEMPUS (JEP 1918-92)

Specializations Environmental Chemistry - Technical University of Budapest - 1996, Electrochemistry - Technical University of Lisbon - 1998

Mother tongue(s) **Bulgarian**

Other language(s) **Russian, English, French**

Self-assessment <i>European level (*)</i>	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Listening		Reading	
<b>English</b>	C2	Fluently	C2	Fluently	C2	Fluently	C2	Fluently	C2	Fluently
<b>Russian</b>	C1	Fluently	C1	Fluently	C1	Fluently	C1	Fluently	C1	Fluently
<b>French</b>	A1	Basic	A2	Basic	A1	Basic	A1	Basic	A1	Basic

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

### Professional information

Professional and Research interests (key words) Processing of minerals, raw materials (ores, concentrates, liquid and solid waste) – hydrometallurgical, flotation, physicochemical, chemical and electrochemical methods for recycling and processing; Environment protection - processes of mobilization and immobilization of water, soil and air pollutants; Technologies for wastewater and gases purification; EIA; Chemistry of RES; Corrosion and corrosion protection of metals and concrete.

Patents and Inventions **24 totally issued (patents and utility models)**

Membership of professional and trade organization Union of Scientists in Bulgaria  
 Bulgarian Hydrogen Society  
 International Association for Sustainable Development  
 Society of Mining Professors

Publications **Totally 21 books** (monographs, textbooks, teaching aids);  
 7 of them - in English  
**Totally: 11 invited chapters of monographs by an international team** - in English  
**Totally over 200 publications**

Projects **Totally 47 projects and 8 EIA**

Other License № 429/1996 and certificates 429/2001 and 429/2006 of expert professional competence for assessing the environmental impact in the areas of surface and groundwater  
 Member of the EGRC, ECE, UN - 5-th, 6-th and 8-th sessions  
 Editor in Chief - *Sustainable Extraction and Processing of Raw Materials (SEPRM) Journal* ISSN 2738-7100 (print) ISSN 2738-7151(online) [www.seprm.com](http://www.seprm.com)  
 Editorial board member – Journal *New Materials, Compounds and Applications* ISSN 2523-4773 (Online), ISSN 2521-7194 (Print)  
<http://jomardpublishing.com/journals.aspx?lang=en&id=12&menu=4&info=New%20Materials,%20Compounds%20and%20Applications%20/%20Editorial%20Board>  
 Editorial board member - Journal of process management and new technologies ISSN: 2334-7449 (Online), ISSN: 2334-735X (Print) <https://japmnt.com/editorial-team/>  
 Editorial board member - *Agrology* ISSN 2617-6106; e-ISSN 2617-6114  
<http://ojs.dsau.dp.ua/index.php/agrology/about/editorialTeam>

Editorial board member - Journal "Sustainable Development"  
<https://maurorg77.wixsite.com/maur-org-en/editorial-board>

Awards:

Inventor of the year - category Chemistry and Environment - 2014

2 gold medals from the East West Euro Intellect Technical Fair and International Exhibition -  
2003