



Dr Grozdanka Bogdanović, Full Professor

- Basic information:**
- Address:** Vojske Jugoslavije 12, 19210 Bor, Serbia
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- E-mail address:** gbogdanovic@tfbor.bg.ac.rs
- ORCID:** 0000-0002-1013-4075
- Scopus:** [8630760300](#)
- Education:**
- 1990**
BSc in Mining, Mineral Processing
University of Belgrade, Technical faculty in Bor,
Department for Mineral Processing
- 1995**
MSc in Mining, Mineral Processing
University of Belgrade, Technical faculty in Bor,
Department for Mineral Processing
- 2005**
PhD in Mining
University of Belgrade, Technical faculty in Bor,
Department for Mineral and Recycling Technologies
- Work experience:**
- 1990-1991**
Operating engineer, Lime Plant Zagradje,
Mining and Smelting Company Bor, Serbia
- 1991-1992**
Operating engineer, Flotation plant in Veliki Krivelj,
Mining and Smelting Company Bor, Serbia
- 1992 – 1996**
Graduate assistant
University of Belgrade, Technical faculty in Bor
Department for Mineral Processing
- 1996 – 2005**
Teaching Assistant

University of Belgrade, Technical faculty in Bor
Department for Mineral and Recycling Technologies

2005 – 2010

Assistant professor
University of Belgrade, Technical faculty in Bor
Department for Mineral and Recycling Technologies

2010 – 2015

Associate professor
University of Belgrade, Technical faculty in Bor
Department for Mineral and Recycling Technologies

2015 – ...

Full professor
University of Belgrade, Technical faculty in Bor
Department for Mineral and Recycling Technologies

**Engagement on
subjects (Teaching
courses) :**

Leaching and Solutions Processing – UAS, modules MP and RTSD

Waste Waters – UAS, modules MP and RTSD

Dewatering and Tailing – UAS, module MP

Technogenic Waste Materials Processing - UAS, module RTSD

Hazardous Waste Management –MAS, module RTSD

Theoretical Principles of Concentration Chemical Methods – DAS, Mining Engineering

Fundamentals of soil remediation – DAS, Mining Engineering

Areas of interest:

Leaching of sulphide minerals; Purification and concentration of metal ions from solution; Treatment of wastewater and environmental protection; Mineral and recycling technologies

Projects:

Project researcher:

OI 172 031: " Some aspects of the dissolution of metals and natural minerals ", Ministry of education, science and technological development of Republic of Serbia.

JST SATREPS "Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development" (2014-2020)

**The most important
references:**

G. Bogdanović, M.M.Antonijević, Behavior and oxidation of chalcopryrite in the water solutions. University of Belgrade, Technical faculty in Bor, p.137, 2011 (ISBN: 978-86-80987-81-1)

M. Antonijević, **G. D. Bogdanović**, Investigation of the leaching of chalcopryritic ore in acidic solutions, Hydrometallurgy, 73 (2004), 245-256.

M.M. Antonijević, **G.D. Bogdanović**, S.M. Šerbula, S.M. Milić, Influence of grain size on chalcopryrite ore leaching in acidic medium, Journal of Serbian Chemical Society, 72 (8-9), (2007) 911-919.

M. M. Antonijević, M. D. Dimitrijević, Z. O. Stevanović, S.M. Šerbula, **G.D. Bogdanović**, Investigation of the possibility of copper recovery from the flotation tailings by acid leaching, Journal of Hazardous Materials, 158 (1) (2008), 23-34.

D. Božić, V. Stanković, M.Gorgievski, **G. Bogdanović**, R. Kovačević, Adsorption of heavy metal ions by sawdust of deciduous trees, Journal of Hazardous Materials, Volume 171 (1-3), (2009) 684-692.

M. Gorgievski, D. Božić, V.Stanković, **G. Bogdanović**, Copper electrowinning from acid mine drainage: A case study from the closed mine "Cerovo", Journal of Hazardous Materials, 170 (2-3), (2009) 716-721.

M. S. Trumic, M.Ž. Trumic, B. Vujic, Lj. Andric, **G.D. Bogdanović**, Results of fiber and toner flotation depending on oleic acid dosage, Waste Management & Research, 34 (9), (2016) 969–974.

S J. Petrovića, **G D. Bogdanović**, M.M. Antonijević, Leaching of Chalcopryrite with Hydrogen Peroxide in Hydrochloric Acid Solution, Transactions of Nonferrous Metals Society of China, xx, 2018, xx. (accepted paper)

Other activities:

- Editor-in-Chief of the journal „Mining and Metallurgy, Section A: Mining” (2017- ..)
- Editor-in-Chief of the journal „Recycling and Sustainable Development (2011-2017)
- Vice –dean for Science and International Collaboration, Technical faculty in Bor (2015-2017)
- President of Organizing Committee (5th, 6th and 7th Symposium “Recycling Technologies and Sustainable Development”, with international participation (2010, 2011 and 2012) and XII International Symposium on Recycling Technologies and Sustainable Development, Serbia)
- Member of the scientific and organizing committees (International October Conference; International October Conference; Balkan Mineral Processing Congress (BMPC); International Scientific and Professional Meeting "Ecological Truth"; Symposium on Recycling Technologies and Sustainable Development, Serbian International Symposium on Mineral Processing ect.