



Katarina Balanović

Teaching Assistant

Basic information:

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Education:

2013 – 2017

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

2017 – 2019

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

2019 –

Started studying on doctoral academic studies
University of Belgrade, Technical faculty in Bor,
Department for Mineral and Recycling Technologies

Work experience:

2018 – 2020

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

2020 –

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

Engagement on subjects (Teaching courses):

Comminution and classification of materials – UAS, modules MP and RTSD

Management and treatment of waste – UAS, module RTSD

Reagents in mineral processing – UAS, module MP

Mineral processing technologies – UAS, module MP

Recycling technologies – UAS, module RTSD

Theoretical principles of physical processes of preparation and concentration – MAS, modules MP and RTSD

Technology of processing non-metallic mineral raw materials – MAS, module MP

Hazardous waste management – MAS, module RTSD

References:

- **K. Balanović**, M. Trumić, M. Trumić: Comminution of Zeolite and its Potential Application, International V4 Waste Recycling 21 Conference, Miskolc, Hungary, ISBN: 978-963-358-173-5, 22.11.2018 - 23.11.2018, Proceedings, pp. 53 – 61.
- **K. Balanović**, M. Trumić, M. Trumić: Efficiency of zeolite grinding and its potential application, Proceedings of the XIII International Mineral Processing and Recycling Conference (XIII IMPRC), Chamber of Commerce and Industry of Serbia, Belgrade, Republic of Serbia, ISBN 978-86-6305-091-4, 08.05.2019 - 10.05.2019, Proceedings, pp. 127-134.
- **K. Balanović**, M. Trumić, M. Trumić: Experimental study on the grinding rate constant of quartz in a ball mill, Proceedings of the XIV International Mineral Processing and Recycling Conference (XIV IMPRC), Chamber of Commerce and Industry of Serbia, Belgrade, Serbia, ISBN: 978-86-6305-113-3, 12.05.2021 - 14.05.2021, pp. 50 – 55.

Other activities:

- Student scholarship of the Ministry of Education, Science and Technological Development (second and third year of undergraduate studies); Student scholarship of the Foundation "Evro za znanje" (fourth year of undergraduate studies); Student scholarship of the Fund for young talents "Dositeja", Ministry of Youth and Sports (fourth year of undergraduate studies and first year of master academic studies).
- Member of Organizing Committee of VI Student Symposium on Recycling Technologies and Sustainable Development, 2017.
- Member of Organizing Committee of V i VI ISC International Student Conference 2018. and 2019.
- Member of Organizing Committee of International Mineral Processing and Recycling Conference XIII IMPRC 2019. and XIV IMPRC 2021.
- Technical editor of Journal of Mining and Metallurgy, Section A: Mining from 2020.