



Dr Maja Trumić

Associate Professor

Basic information:

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ORCID: <https://orcid.org/0000-0001-9361-4412>

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Education:

2006

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

2015

PhD in technical and technological sciences
University of Belgrade, Technical faculty in Bor,
Department for Mineral and Recycling Technologies

Work experience:

2008 – 2016

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

2016 – 2020

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

2020 –

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

Engagement on subjects (Teaching courses) :

Comminution and Classification – UAS, modules MP and RTSD

Waste Management and Treatment – UAS, module RTSD

Flotation – UAS, modules MP and RTSD

Recycling technology – UAS, module RTSD

Study Research Work on theoretical basis of the master thesis – MAS, modules MP and RTSD

Mineral Processing Design – MAS, module MP

Theoretical Principles of Flotation Concentration – MAS, modules MP and RTSD

Theory of Elementary Physicochemical Processes in Flotation – DAS, Mining Engineering

- Areas of interest:** Physical-chemical processes in flotation, Kinetic models of the mineral and other raw materials flotation process, Recycling technologies, Waste management, Development of waste management plans.
- Projects:**
- OI 172031:** "Some aspects of the dissolution of metals and natural minerals", Project of the Ministry of Education and Science of the Republic of Serbia (2011-).
- JST SATREPS** "Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development", 2014-2020
- CB007.1.32.224** "Clean and Green Life" Interreg-IPA CBC Bugarska-Srbija, 2017-2018
- EMS: RORS-462** Interreg-IPA Cross-border Cooperation Programme Romania-Serbia, Academic environmental protection studies on surface water quality in significant cross-border nature reservations djerdap / iron gate national park and carska bara special nature reserve, with population awareness raising workshops, 2019-2021
- The most important references:**
- Trumić M. Ž., **Trumić M. S.**, The role of preparation in waste recycling, Monograph: State and prospects for the preparation of mineral resources in Serbia, Belgrade, 2011, pp. 73-93. ISBN 978-86-7747-430-0(MU)(COBISS.SR-ID 183782156) Editor: Nedeljko Magdalinović
- Magdalinovic N., Trumic M., Trumic G., Magdalinovic S., **Trumić M. S.**, Determination of the bond work index on samples of non-standard size, International Journal of Mineral Processing, Vol 114-117, 2012, pp. 48-50.
[ISSN: 0301-7516, IF(2012): 1,378, Mining & Mineral Processing 2/20]
- Magdalinović N., Trumić Ž. M., **Trumić M. S.**, Andrić Lj.: The Optimal Ball Diameter in a Mill, Physicochemical Problems of Mineral Processing, Vol 48, No 2, 2012, pp.5-15.
[ISSN 1643-1049, IF(2012)=0,580; Mining & Mineral Processing 9/20]
- Trumić M. Ž., Andrić Lj. D., **Trumić M. S.**: "Waste Management and Treatment", University of Belgrade, Technical Faculty in Bor, 2014., str.172., ISBN 978-86-6305-020-4
- Trumić M. S.**, Antonijević M., Toner recovery from suspensions with fiber and comparative analysis of two kinetic models, Physicochemical Problems of Mineral Processing, Vol 52, No 1, 2016, pp.5-17.,
[ISSN 1643-1049, IF(2014)=0,926; Mining & Mineral Processing 9/20]
- Trumic M. S.**, Trumic M. Z., Vujuc B., Andric Lj., Bogdanovic G., Results of fibre and toner flotation depending on oleic acid dosage, Waste Management & Research, Vol 34, Issue 9, 2016, pp. 969-974.,
[Print ISSN 0734-242X, Online ISSN: 1096-3669, IF(2015)=1,553; Engineering Environmental 30/50] DOI: 10.1177/0734242X16652960
- Todorovic D., **Trumic M. S.**, Andric Lj., Milosevic V., Trumic M. Z., A quick method for bond work index approximate value determination, Physicochemical Problems of Mineral Processing, Vol 53, No 1, 2017, pp.321-332.,
[Print ISSN 1643-1049, IF(2015)=0,977; Mining & Mineral Processing 11/21]
- Radulović D., Božović D., Terzić A., **Trumic M. S.**, Simić, V., Andrić, Lj., A kinetic study of limestone dry micronization in an ultra-centrifugal mill with peripheral comminuting path, Journal of Ceramic Science and Technology, Vol 8, Issue 2, June 2017, pp. 295-304

[ISSN 2190-9385, IF(2016)=1,220; Materials Science, Ceramics 9/26]

Trumić M. Ž., **Trumić M. S.**: "Basis of Design in Mineral Processing ", University of Belgrade, Technical Faculty in Bor, 2019., str.202., ISBN:978-86-6305-102-7

Trumić M. Ž., **Trumić M. S.**: "Comminution and Classification of Materials", University of Belgrade, Technical Faculty in Bor, 2020., str.199., ISBN:978-86-6305-105-8

- Other activities:**
- **Technical editor of national scientific journal** "Recycling and sustainable development" since 2011-2017. (Print ISSN 1820-7480 Online ISSN 2560-3132)
 - **Field editor of national scientific journal** "Recycling and sustainable development" since 2017-. (Print ISSN 1820-7480 Online ISSN 2560-3132)