

## NEW CO-EDITOR

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**Jovica M. Sokolović**

### PERSONAL DETAILS

**Born:** 11 September 1974, Zaječar, Serbia

**Marital Status:** Married, two children.

**Occupation:** University of Belgrade, Technical Faculty in Bor, Department of Mining, Division of Mineral and Recycling Technologies.

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### EDUCATION

**D.Sc.** University of Belgrade, Technical Faculty in Bor, Bor, Serbia, 2012.

**M.Sc.** University of Belgrade, Technical Faculty in Bor, Bor, Serbia, 2006.

**B.Sc.** University of Belgrade, Technical Faculty in Bor, Bor, Serbia, 2000.

### Ph.D. DISSERTATION

**Title:** The study of phenomenon of coal activation in the flotation process by attrition

**Supervisor:** Prof. Dr R. Stanojlović

### PROFESSIONAL EXPERIENCE

#### 2000 – 2006, Research Assistant

University of Belgrade, Technical Faculty in Bor, Department of Mining, Division of Mineral Processing.

#### 2006 – 2012, Assistant

University of Belgrade, Technical Faculty in Bor, Department of Mining, Division of Mineral and Recycling Technologies.

#### 2012 – present, Assistant Professor

University of Belgrade, Technical Faculty in Bor, Department of Mining, Division of Mineral and Recycling Technologies.

### CAREER OBJECTIVE

Research in the field of mineral processing as well as coal flotation, gravity, magnetic and electrostatic separation.

### TEACHING

Technology and sustainable development, Mineral processing, Physical methods of concentration, Special methods of concentration, Land remediation and reclamation, Landfill design, Theory of electromagnetic processes of concentration.

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**ORGANIZATIONAL SKILLS AND MEMBERSHIP**

- Participated in Project “Banat regions sustainable development academic camp”, Neighbourhood Programme Romania-Serbia 2004 – 2006 Cards: 06SER02/03/001 no. Project: S97, (2008 – 2009).
- Organizing the Scientific and Professional Conference „ International October Conference on Mining and Metallurgy”, Vice president of the Organizing committee of the 39<sup>th</sup> and 40<sup>th</sup> International October Conference on Mining and Metallurgy, Sokobanja, Serbia, (2007-2008).
- Organizing the Scientific and Professional Symposium „Recycling Technologies and Sustainable Development”, Member of Organizing Committee 2006-2008; 2010-2012 and President of Organizing Committee of the 4<sup>th</sup> (2009) and 9<sup>th</sup> (2013) Symposium „Recycling Technologies and Sustainable Development”.
- Technical Editor for Journal of Mining and Metallurgy: Section A – Mining, (2006 - 2013).
- Member of the Association of Innovators and Inventors City of Zajecar, (2008 - present).

**AWARDS AND ACKNOWLEDGEMENT**

- The Best Technological Innovations NTI 2007, Team leader ECO-CARBON, Special Award for the top-ranked team in Zajecar, Ministry of Science and Technology of the Republic of Serbia (2007).
- The Best Technological Innovations NTI 2008, First Awards for the Association of Innovators and Inventors City of Zajecar, Ministry of Science and Technology of the Republic of Serbia (2008).

**LIST OF SELECTED PAPERS**

- A1.** Stanojlović R., Sokolović J., Monograph "Smelting slag - slag production and processing of copper smelter in Bor", ISBN 978-86-80987-83-5, Published by University of Belgrade, Technical Faculty in Bor, Bor, Serbia (2011).
- A2.** Stanojlović R., Marković. Z., Sokolović J., Štirbanović Z., The application of mineral processing technology for processing of techno-genic waste from RTB Bor's with contribution to sustainable development, Chapter in a monograph: Mineral processing and sustainable development, ISBN 978-86-7352-166-4, Published by Faculty of Mining and Geology, Belgrade, (2007).
- B1.** Stanojlović R., Sokolović J. (Ed.), Proceedings of 39<sup>th</sup> International October Conference on Mining and Metallurgy, ISBN 987-86-80987-52-1, Published by University of Belgrade, Technical faculty Bor, Serbia, (2007).
- B2.** Stanojlović R., Sokolović J. (Ed.), Proceedings of 40<sup>th</sup> International October Conference on Mining and Metallurgy, ISBN 978-86-80987-60-6, Published by University of Belgrade, Technical faculty Bor, Serbia, (2008).
- B3.** Sokolović J. (Ed.), Proceedings of 4<sup>th</sup> Symposium "Recycling Technologies and Sustainable Development", ISBN 978-86-80987-73-6, Published by University of Belgrade, Technical faculty Bor, Serbia, (2009).
- C1.** Sokolović J., Stanojlović R., Marković Z., Effect of oxidation on flotation and electro-kinetic properties of coal, Journal of Mining and Metallurgy, Section A: Mining, 42 (1) (2006) 69-81.
- C2.** Zivkovic D., Sokolović J. et al., Modern trends in the recycling of electronic waste, Ecologica, 17 (57) (2010) 11-16.

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- C3.** Stanojlović R., Sokolović J., Stojanović S., Control of electrostatic separation efficiency of waste copper cable by float-sink analysis, *Recycling and Sustainable Development*, ROR 4 (1) (2011) 29-66.
- C4.** Sokolovic J., Stanojlovic D., Markovic Z., Activation of oxidized surface of anthracite waste coal by attrition, *Physicochemical Problems of Mineral Processing*, 48 (1) (2012) 5–18.
- C5.** Sokolovic J., Stanojlovic D., Markovic Z., The effects of pretreatment on the flotation kinetics of waste coal, *International Journal of Coal Preparation and Utilization*, 32 (3) (2012) 130-142.
- C6.** Stanojlović D., Sokolović J., Milosević M., Integrated environmental pollution by wastes from Copper Mine Bor, Serbia, *Environmental Engineering and Management Journal*, 2012. (accepted – in press).
- C7.** Stanojlović R., Štirbanović Z., Sokolović J., New technological procedure for sustainable processing of mining technological waste, *Mining Engineering (Rudarski radovi)*, 1/2012, (2012) 75-88.
- C8.** Stanojlović R., Sokolović J., Stančev N., Grain-size distribution of starting sample of size class -3.35 mm - reliability factor of the bond work index of grindability, *Mining Engineering (Rudarski radovi)*, 1/2013, (2013) 161-170.
- D1.** Sokolović J., Stanojlović R., Ćirić D., Mitić S., Effect of oxidation on froth texture in the coal flotation, *Proceedings of the XV Balkan Mineral Processing Congress*, Sozopol, Bulgaria, 2013, 579-581.
- D2.** Petković S., Stanojlović R., Sokolović J., Petković A.: Possibilities for magnetic separation process valorization copper and iron from RTB Bor smelter slag, *Proceedings of 43<sup>rd</sup> International October Conference on Mining and Metallurgy*, Kladovo, Serbia (2011), 390-395.
- D3.** Sokolović J. et al., Techno-economic indicators of biological recultivation of the flotation tailings "Valja Fundata" in the Copper Mine Majdanpek, *Proceedings of the EkoIst'08*, Soko Banja, Serbia, (2008), 139-144.
- D4.** Sokolović J., Miljković M., Stanojlović R., The remediation, decontamination and reclamation of land, *Proceedings of the V Symposium "Recycling Technologies and Sustainable Development"*, Soko Banja, Serbia, (2010), 525-531.
- D5.** Stanojlović R., Sokolović J., Stirbanović Z, Antić D., Applying laboratory electrostatic separator in the recycling of copper from waste cables", *Proceedings of the 1<sup>st</sup> National Conference on the recycling of motor vehicles*, Ecka, Serbia, (2009), 75-79.