



**GzO'19 19<sup>th</sup> Waste Management Conference GzO'19 – Urban Mining and 14<sup>th</sup> Mining, Geotechnology and Environment Conference at 46<sup>th</sup> jump over the leather skin with International participation, 12.– 13. April 2019, Faculty of Natural Sciences and Engineering, Ljubljana, SLOVENIA.**

**GzO'19 programme (1/2):**

**Friday, 12. April 2019:**

8.30 – 9.00 Welcome coffee and registration

9.00 – 9.30 Welcome remarks and Good tidings from:  
- GzO'19 president and SRDIT president  
- UL, Faculty of Natural Sciences and Engineering  
- Ministry of the Environment and Spatial Planning  
- City Municipality of Ljubljana.

9.30 – 11.00 **MORNING SESSION**  
**Session chairs: dr. Sue STRUTHERS**  
**assist.prof.dr. Jože KORTNIK.**

**ID-01 Green Urban Mining**, assist.prof.dr. Jože KORTNIK, University of Ljubljana, Faculty of Natural Sciences and Engineering, Ljubljana, Slovenia.

**ID-06 Investigation in 20 years old sucking systems on abandoned waste deposits**, Jürgen KANITZ, GGT, Bochum, Nemčija, prof.dr. Frank OTTO, TH Georg Agricola University, Bochum, Germany.

**ID-10 Public mining service**, Ana BURGER, Andreja SENEGAČNIK, dr. Duška ROKAVEC, Geological Survey of Slovenia, Ljubljana, Slovenia.

**ID-02 Development of the underground exploitation of metallic minerals in Republic of Macedonia**, assoc.prof.dr. Stojance MIJALKOVSKI, prof.dr. Zoran DESPODOV, prof.dr. Dejan MIRAKOVSKI, assoc.prof.dr. Vancho ADJISKI, prof.dr. Nikolinka DONEVA, University »Goce Delcev«, Štip, Republic of Macedonia.

**ID-09 EIT RawMaterials »RESEERVE« project - mineral potential of the SE EU region**, MSc. Matej DRAKSLER, dr. Duška ROKAVEC, Urša ŠOLC, Tina BENDA, Geological Survey of Slovenia, Ljubljana, Slovenia.

11.00 – 11.15 **Break** (coffee)

11.15 – 13.00 **MIDDAY SESSION**  
**Session chairs: prof.dr. Uroš BAJŽELJ**  
**prof.dr. Frank OTTO.**

**ID-08 New dimension stone blocks compactness classification – Lipica limestone**, Andrej KOS, Marmor Sežana, Sežana, Slovenia, assist.prof.dr. Jože KORTNIK, University of Ljubljana, Faculty of Natural Sciences and Engineering, Ljubljana, Slovenia.

**ID-11 Optimization of the Coal mine Velenje ventilation system**, dr. Gregor JEROMEL, Velenje Coal Mine, Velenje, Slovenia.

**ID-13 Blasting with use of electronic initiation system in Solkan technical stone quarry**, Marjana ŠULIGOJ, Salonit Anhovo, Deskle, Slovenia, Mitja ŠULIGOJ, Salonit Anhovo, Kamnolomi, Deskle, Slovenia, assist.prof.dr. Jože KORTNIK, University of Ljubljana, Faculty of Natural Sciences and Engineering, Ljubljana, Slovenia.

**ID-12 Use of mobile hand-held laser scanner in coal mining industry**, dr. Janez ROŠER, Velenje Coal Mine, Velenje, Slovenia.

**ID-04 The influence of the coal mining on the geomorphology of the area of Upper Silesian coal basin exemplified on post mining dumping grounds**, dr. Łukasz GAWOR, dr. Marek MARCISZ, Diana TYRNA, Silesian University of Technology, Gliwice, Poland.

13.00 – 14.00 **Lunch** (room P2, beef goulash with beer)

14.00 – 15.30 **AFTERNOON SESSION**

**Session chairs: assist.prof.dr. Jože KORTNIK**  
**prof.dr. Frank OTTO**

**ID-03 Enlargement of underground dimension stone extraction at the Debela Griža quarry**, Miha TAVČAR, Kamnoseštvo Tavčar, Povir pri Sežani, Slovenia, Marijan KVARTIČ, LagerKMineral, Celje, Slovenia, assist.prof.dr. Jože KORTNIK, University of Ljubljana, Faculty of Natural Sciences and Engineering, Ljubljana, Slovenia.

**ID-07 Threats coming from applying of artificial aggregates produced from mineral wastes**, dr. Jacek NOWAK, Magdalena KOKOWSKA-PAWLOWSKA, Silesian University of Technology, Gliwice, Poland.

**ID-05 Selected trace elements in the triassic limestones of the opole Silesia in Poland**, dr. Katarzyna STANIENDA-PILECKI, Silesian University of Technology, Gliwice, Poland.

**ID-14 The use of waste electrical and electronic plastic as partial replacement for aggregates in concrete**, Levis Alfred PARSONS, prof.dr. Sunday NWAUBANI, University of the Witwatersrand, Johannesburg, Republic of South Africa.

**ID-15 Strong R&D development and new initiatives in Finnish mining sector**, adjunct.prof.dr. Jouko SAARELA, University of Oulu, Oulu, Finland.

**ID-16 Approach towards optimising on truck transportation during surface exploitation on metals in function of minimising the costs of exploitation**, prof.dr. Zoran PANOV, assist.prof.dr. Radmila KARANAKOVA STEFANOVSKA, assoc.prof.dr. Risto POPOVSKI, University »Goce Delcev«, Štip, Republic of Macedonia.

16.00 – 17.30 **Panel: Urban Mining**

**Moderator: assist.prof.dr. Jože KORTNIK**



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## **GzO'19 programme (2/2):**

### **Saturday, 13. April 2019:**

- 8:15 – 8.30 Meeting point (Faculty of Natural Sciences and Engineering, Aškerčeva street 12).
- 9.30 – 11.00 Technical visit of the **Lipica quarry, Lipica pri Sežani, Marmor Sežana.**
- Technical leader: Andrej KOS.**
- 15.00 Guided tour on the old city centre of Ljubljana – meeting point at Ljubljana Town hall Magistrat/Rotovž.
- 19.00 46<sup>th</sup> traditional festivity "jump over the leather skin", **Hotel UNION, Ljubljana.**