

Final Programme

SUSTAINABLE AGGREGATES RESOURCE MANAGEMENT

SARM International Conference

SEPTEMBER 20 - 22, 2011

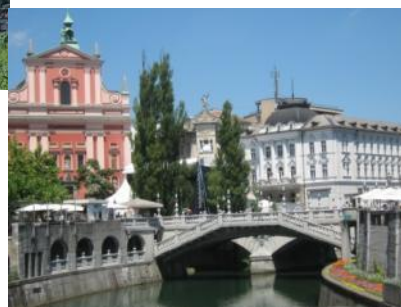
Ljubljana, Slovenia



WWW.SARMAPROJECT.EU



WWW.GEO-ZS.SI



Geological Survey of Slovenia

Dimičeva ulica 14
SI – 1000 Ljubljana
Slovenia



Organizing Committee:

dr. Slavko V. Šolar
dr. Gorazd Žibret
Ana Burger
Alianta d.o.o.

Place of the event:

Hotel Lev****

<http://www.hotel-lev.si>

Vošnjakova ulica 1
SI - 1000 Ljubljana, Slovenija,
Phone: +386 1 433 21 55



Technical notes:

- A computer with Windows platform and MS Office 2007 will be available for presentation
- Speakers are asked to bring their presentations in both MS Office and PDF formats
- wireless internet in the conference hall
- all speakers are kindly asked to give their presentations to technical staff before the beginning of the session
- registration desk is open on tuesday, 20th of September from 8:00 at the entrance to the conference hall and will be opened until the end of the conference

Useful links:

- Ljubljana tourist information: <http://www.visitljubljana.si/en/tic@visitljubljana.si>
- Ljubljana Airport: <http://www.lju-airport.si/eng>
- Transportation from airport to any address in Ljubljana: <http://www.prevozi-markun.com/en/>
- Slovenia tourist information: <http://www.slovenia.info/>
- Comprehensive interactive map of Slovenia (in Slovene) <http://zemljevid.najdi.si/>
- Taxi services: +386 80 1190 (Metro), +386 080 1117 (Laguna), +386 080 1955 (Intertours)

Contact us:

- Gorazd Žibret (conference organization) gorazd.zibret@geo-zs.si
+386 41 370 740
- Slavko V Šolar (SARMa project coordinator) slavko.solar@geo-zs.si
- Ana Burger (SARMa project related questions) ana.burger@geo-zs.si
- Alianta d.o.o. (administrative issues) urska.zelic@alianta.si

Programme at Glance:

	9:00	9:30	10:30	11:00	12:30	14:00	15:30	16:00	17:30
tuesday 20th	Welcome Address	Plenary Sessions	coffee break	Plenary Sessions	lunch	SARM Local Level	coffee break	SARM National and Trans- national Levels	ocial event
wednesday 21st		Invited Speakers		SARMa Project Speakers		Guests		Guests	Ljubljana roundtrip
thursday 22nd	FIELD TRIP								

FINAL PROGRAMME

Tuesday, SEPT 20, 2011

09:00 – 11:00

WELCOME ADDRESSES AND PLENARY SESSIONS

Chairperson: Urška Zelič

Opening of the SARM International Conference and invited speakers: EU SEE programme and EU minerals / aggregates initiatives

- Welcome Addresses

- South East Europe Transnational Programme: present and future
Alessandra Pala, Joint Technical Secretariat, HU (20')

- The Aggregates Sector in the Context of Future of European Funding Systems
Horst Hejny, The Mineral Industry Research Organization (20')

- UEPG supports the SARMA Project in working together towards a Sustainable European Aggregates Industry
Jim O'Brian, European Aggregates Association (20')

- Managing Aggregates Supply in England
Joseph Mankelaw & Gus Gunn, British Geological Survey, GB (20')

- SARMa Project: Overview
Slavko V Šolar & Deborah Shields, Geological Survey of Slovenia, SLO & Colorado State University, USA (20')

11:00 – 11:30

COFFEE BREAK



Tuesday, September 20, 2011

11:30 – 12:45	<p>SARMa project I <i>Chairperson: Ubaldo Cibin</i></p> <p>Sustainable resource management at local (extraction) level: environmentally friendly extraction practices, recycling of aggregates, and illegal quarrying and related issues.</p>
<ul style="list-style-type: none"> • Best practices in quarrying <i>Zacharias Agioutantis, Technical University Crete, GR (15')</i> • Illegal quarrying - a problem to be solved <i>Marcel Maruntiu, National Institute for Research-Development in domain of Geology, Geophysics, Geochemistry and Remote Sensing, RO (15')</i> • Integrated life cycle management of aggregates quarrying, processing and recycling: definition of a common LCA methodology in the SARMa Project <i>Gian Andrea Blengini & Elena Garbarino, Politecnico di Torino & Provincia di Torino, IT (15')</i> • Key Requirements for a sustainable aggregate supply and management on the local level <i>Kiki Hatzilazaridou & Fotini Chalkiopolou, Institute of Geology and Mineral Exploration, GR (15')</i> • Friendly quarry design: Parma Province and Emilia-Romagna Region experience <i>Pietro Boggio, Andrea Pelosio & Massimo Romagnoli, Parma Province, Parma, IT (15') & Emilia-Romagna Region, Bologna, IT (15')</i> 	
12:45 – 14:00	LUNCH
14:00 – 15:30	<p>SARMa project II <i>Chairperson: Sokol Mati</i></p> <p>Sustainable aggregate resource management at the regional and trans-regional / trans-national scale: extraction friendly policies, legislation and regulations, bottlenecks, spatial planning for aggregates, planning for sustainable supply mix (SSM), planning for secure aggregate supply, trans-national aggregate supply cooperation, and related issues.</p>
<ul style="list-style-type: none"> • Providing a Sustainable Supply Mix of Aggregates: State-of-the-art in South-East Europe <i>Ubaldo Cibin & Stefano Furin, Emilia-Romagna Region – Environment, Soil and Coast Defence Department, IT & Geotema S.r.l., Ferrara, IT (15')</i> • A GIS conceptual model to support aggregates resource efficiency and sustainability <i>Stefano Furin, Geotema S.r.l., Ferrara, IT (15')</i> • Collision of laws <i>Ivana Šimić, Ministry of Economic Affairs of Herzegbosnian Canton, BIH (15')</i> • Sustainable Aggregate Resource Management on transnational level <i>Günter Tiess, University of Leoben, AUT, (15')</i> • SARMa Project: synthesis <i>Deborah Shields & Slavko V. Šolar, Colorado State University, USA & Geological Survey of Slovenia, SLO (15')</i> • Discussion 	
15:30 – 16:00	COFFEE BREAK

Tuesday, SEPT 20, 2011

16:00 – 17:30

Aggregates Topics

Chairperson: Horst Hejny

Reserved for the oral presentations of conference participants with emphasis on results outside the SARMa project.

- Rehabilitation of landscapes degraded by stone, clay and sand exploitation – case studies from Serbia
Dragana Dražić, Milorad Veselinović, Nevena Čule & Suzana Mitrović, Institute of Forestry, Belgrade, SRB (15')
- Utilization of dimension stone quarry waste as aggregate in concrete
Hakan ELÇI, Necdet TÜRK, İsmail İŞİNTEK, Dokuz Eylül University, Izmir, TR (15')
- Influence of quarrying on flood risk. Case study: modelling and prediction of the natural and anthropic hazard on Ialomita River
Cetean Valentina, Prospectiuni SA, Bucharest, RO (15')
- SWOT Analysis as a tool in the C&D debris management after catastrophic events
Carla Furcas & Ginevra Balletto, DIGITA - Department of Geoenvironment and Environmental Technologies, University of Cagliari, IT (15')
- Harmonizing mineral extraction activities and EU Nature Directives requirements (Natura 2000) through application and/or development of general and national guidance documents (COAST project) related to appropriate assessment in accordance with article 6(3,4) of the Habitat Directive
Neven Trenc, State Institute for Nature Protection, Zagreb, CRO (15')
- Usability of granitic rock wastes as asphalt aggregate
Murat Yılmaz & Atiye Tuğrul, İstanbul University, TR (15')

20:00

NETWORKING DINNER

at Gostilna Figovec



Wednesday, SEPT 21, 2011

9:30 – 10:30	<p>INVITED SPEAKERS <i>Chairperson: Vladimir Simić</i></p> <p>Invited speakers: environmentally and operationally friendly quarry design, minerals plans and policies, and aggregate recycling.</p>
<ul style="list-style-type: none"> • The quarry design process as an essential framework for sustainable planning and operation of aggregates quarries <i>Ruth Allington, European Federation of Geologists, UK (15')</i> • Austrian Minerals Plan <i>Leopold Weber, Christian Reichl, Robert Holnsteiner, Erwin Schinner & Michael Schatz, Ministry of Economy, Family and Youth, AUT (15')</i> • The use of alternative aggregates in Slovenia <i>Ana Mladenovič, Slovenian National Building and Civil Engineering Institute, SLO (15')</i> • Aggregates Production in Istanbul <i>Atiye Tuğrul, İstanbul University, TR (15')</i> 	
10:30 – 11:00	COFFEE BREAK
11:00 – 12:30	<p>Panel Discussion: aggregates topics <i>Co leads: Slavko V. Šolar, Deborah Shields, & Zacharias Agioutantis</i></p> <p>SARMa follow-up discussion with all participants with emphasis on establishment of Regional Centre on SARM and SSM.</p>
<ul style="list-style-type: none"> • Regional Center of SARM & SSM <i>Žibret Gorazd & Mitja Ruzzier, Geological survey of Slovenia & Faculty for Management, University of Primorska, SLO (15')</i> • discussion <i>all participants</i> 	
12:30 – 14:00	LUNCH



Wednesday, SEPT 21, 2011

14:00 – 15:45	<p>SARMA project III <i>Chairperson: Gian Andrea Blengini</i></p> <p>Reserved for the oral presentations of conference participants with emphasis of the results of the SARMA project.</p>
<ul style="list-style-type: none"> • Sustainability development of aggregates supply in cross border areas based on the National, Regional and EU Policies <i>Sokol Mati, Ledi Moisiu & Albert Avxhiu, Ministry of Economy Trade and Energy & Geological Survey of Albania, Tirana, ALB (15')</i> • Spatial planning and aggregates resource management in Croatia <i>Slobodan Miko, Boris Kruk, Željko Dedić & Ozren Hasan, Croatian Geological Survey, CRO (15')</i> • Management and sustainable development of aggregates quarries examples from center and south of Romania <i>Gabriela Silvana Marica & Gabriel Bindea, Geological Institute from Romania, RO (15')</i> • Aggregates supply in Serbia <i>Vladimir Simić, Dragana Životić & Zoran Miladinović, University of Belgrade, SRB (15')</i> • Kosovo quarry plan <i>Zenun Elezaj, Ahmet Tmava, Azem Rexhaj & Xhevdet Kastrati, ICMM Kosovo, KO (15')</i> • National mineral resource database as a support for the mining sector <i>Duška Rokavec, Katarina Hribernik & Jasna Šinigoj, Geological survey of Slovenia (15')</i> • Airborne geophysical survey in Kosova <i>Xhevdet Kastrati, Independent Commission for Mines and Minerals of Kosova, Prishtina, KO (15')</i> 	
15:45	Conference Closing

P O S T E R S

(both days)

- Environmental Rehabilitation: Asbestos Mine, Cyprus
Christodoulos Hadjigeorgiou, Geological Survey Department of the Rep. of Cyprus, Cyprus
- Quarrying statistics in Romania: non-energetic and non-metalliferous mineral substances
Mihai Marinescu, Bucharest University, Geology and Geophysics Faculty, Romania
- Recycled construction materials as supplemental raw materials for the OPC clinker production in Salonit Anhovo
Željko Pogačnik, Salonit Anhovo, Bulidnig Materials, Joint-Stock Co., Slovenia
- Sustainable development in the dolomite and keratophyre quarry Kamna Gorica
Martina Pucihar¹ & Timotej Verbovšek²
¹ *Terre RB d.o.o., Slovenia*
² *University of Ljubljana, Faculty of natural sciences and technology, department of geology, Slovenia*

FIELD TRIP

Thursday, 22th of September

Meeting at the hotel:

08:20

Departure:

08:30

Approximate arrival back to Ljubljana:

19:00

Recommended equipment:

hiking boots, jacket

Visit of one of the Črni Kal - Črnotiče quarry, the Škocjanske World Heritage cave, and the Idrija mercury mine.

