



Sustainable exploitation of natural resources,
The 3rd International Seminar ECOMINING – Europe in 21st Century,
Milos Island, September 4-5, 2009, Greece

ECOMINING 2009 - PROGRAM

DAY 1 – Thursday, September 3rd, 2009

19.30-21.00 Registration and Welcome Reception

DAY 2 - Friday, September 4th, 2009

09.00 Opening

Official opening of the 3rd Edition of the International Seminar ECOMINING - EUROPE IN 21st CENTURY

09.15: 11.00 Session 1

Chairs: S. Sakurai, Gy. Deák

1. Cities and science communication (CASC): Finding innovative ways to engage the public in science
Gy. Deák, J. Homan, Șt. Deák

2. The peculiarities of sustainable development in mining activity
M. Georgescu, E. Dunca, D.I. Ciolea

3. Work motivation factors for sustainable management
S. Zikic, J. Paunkovic, N. Paunkovic, Z. Stojkovic

4. Hard coal profitability predictions in Jiu Valley for improved mining methods
V. Pleșea, S. Ghinia, I. Dumitrescu, S. Radu, M. Orban

5. Mineral resources conservation through improving fine particles recovery with mineral processing methods
G.N. Anastassakis

11.00-11.30 Coffee Break

11.30-13.30 Session 2

Chairs: Z. Agioutantis, B. Driga

1. Assessment of the stability of slopes from surface displacements measured by GPS in an open pit mine
S. Sakurai, A. Farazmand, K. Adachi

2. Post mining hazards in Tarna basin, North-Western Romania
B. Driga, S. Zaharia

3. Monitoring wastewater, a CNH's instrument for environmental quality improvement
D. Surulescu, C. Jujan, D. Onofre, A. Lorint

4. Dependence between humic acids contents of the Oltenia lignite and macropetrographic constituents (lithotypes)
O. Bold, P. Blaga, I.D. Nicolaescu

5. Overall reliability assessment of open pit mining equipment aiming to increase energy effectiveness
S. Dinescu, A. Andras, I. Andras

6. Natural and mining hazards in the Vaser basin, Northern Romania
B. Driga, S. Zaharia

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13.30-14.30 Lunch

14.30-16.00 Session 3

Chairs: G. Anastassakis, I. Dumitrescu

1. Assessment of rock salt micro-properties using PFC-2D modeling
Gy. Deák, Șt. Deák, Z. Agioutantis, S. Mavrigiannakis

2. Spectral response of Greek marbles to ultrasonic signals
P. Kolletas, Z. Agioutantis

3. 2D multilevel electrode resistivity imaging for rock salt dissolution and subsidence assessment
A. Petrescu, I. Oancea

4. Characterization of neogene limestones using non – destructive methods
S. Agalaniotou, Z. Agioutantis

5. Geographic premises of the landslides occurrence, Satu Mare County, Romania
S. Zaharia, B. Driga

16.00-16.30 Coffee Break

16.30-17.30 Session 4

Chairs: St. Deák, S. Zaharia

1. Shear strength reduction technique applied to finite element slope stability analysis
A. Petrescu, Gy. Deák, Șt. Deák

2. Modern methods for cleaning waste water from CNH's branches
D. Surulescu, C. Jujan, D. Onofre, N. Bușioi

3. Non polluting fuel by lignite briquetting at Steic mine, Motru (Romania)
O. Bold, S. Bălăcescu, P. Blaga

20.00 CONFERENCE DINNER

DAY 3 - Saturday, September 5th, 2009

09.00 TRIP (boat trip around the island, mining sites visit – according the weather conditions)
FINAL CONCLUSIONS