

**Scientific Conference programme
SGEM 2005**

| 12, June, 2005 (Sunday) | | |
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| 8.³⁰ - 21.⁰⁰ | Arrival, registration and accommodation: Congress Center, Hotel "Dobrudja"****, Albena | |
| 13, June, 2005 (Monday) | | |
| 9.⁰⁰ - 9.³⁰ | Official opening of the Fifth International Scientific Conference "Modern Management of Mine Producing, Geology and Environmental Protection" - SGEM 2005 – Conference Hall "Atlantic", Congress Center "Dobrudja" | |
| Section I: MINING AND GEOLOGY | | |
| | Chairman: Prof. Dr. Cuma Bayat (Turkey) Assistants: Prof. Emilia Dunka (Romania), Mariana Nikolova (Bulgaria) | |
| 1. | 9.³⁰ - 9.⁵⁰ | Stamboliadis, E., Martini, S., BENEFICIATION OF NICKELIFEROUS LATERITE BY PHYSICAL AND CHEMICAL PROCESSES, <i>Greece</i> |
| 2. | 9.⁵⁰ - 10.¹⁰ | Wright, B., Higgins, E., PETROLEUM SYSTEM AND PLAY CONCEPTS: DEEP WATER BALKANIDES - WESTERN BLACK SEA BASIN, BULGARIA, <i>USA</i> |
| 3. | 10.¹⁰ - 10.³⁰ | Baliktsis, E., Baliktsis, A., AIMING AT THE PERFECT BLASTING RESULT - Case History 1: FLYROCK RISK PREVENTION IN A PERFECTLY APPLIED HIGHWAY BLASTING PROJECT, in Northern Hellas, <i>Greece</i> |
| 4. | 10.³⁰ - 10.⁵⁰ | Ilias, N., Bernard, G., Soare, A. AUTOMATED CIRCUIT FOR TRANSPORTING THE CARS, <i>Romania</i> |
| | 10.⁵⁰ - 11.⁰⁵ | Coffee/Tea break - Kindly supported by STEF92 Technology Ltd |
| | Chairman: Marwan Ghanem (Palestine) Assistants: Milena Ivanova (Bulgaria), Risto Ribarovski (F.Y.R. of Macedonia) | |
| 5. | 11.⁰⁵ - 11.²⁵ | Soare, A., Serafinceanu, A., Melczer, M., MECHANIZED FACE COAL COMPLEX FOR EXPLOITING A PANEL OF COAL, <i>Romania</i> |
| 6. | 11.²⁵ - 11.⁴⁵ | Majdrakov, M., TWELVE METHODOLOGICAL PROBLEMS WITH THE AUTOMATION OF MANAGEMENT OF WORKING IN OPEN MINES, <i>Bulgaria</i> |
| 7. | 11.⁴⁵ - 12.⁰⁵ | Tasev, G., Lazarov, P., Serafimovski, T., POSSIBILITIES FOR ECONOMIC VALORIZATION OF SMALL COAL DEPOSITS IN THE REPUBLIC OF MACEDONIA, <i>F.Y.R. of Macedonia</i> |
| 8. | 12.⁰⁵ - 12.²⁵ | Kursun, I., Tuncer, G., DETERMINATION OF MINERAL PROCESING INDUCED ENVIRONMENTAL IMPACTS, <i>Turkey</i> |
| | 12.²⁵ | End of the First Conference Day |
| | 12.²⁵ - 19.⁰⁰ | Creative afternoon... |
| | 20.⁰⁰ ... | Welcome COCKTAIL PARTY : French restaurant "Ciel Bleu" located on the 17-th floor of the "Dobrudja" **** Hotel. |

14, June, 2005 (Tuesday)

Section II: ECOLOGY AND ENVIRONMENTAL PROTECTION

Chairman: Prof. Nicolae Ilias (Romania)
Assistants: Assoc. Prof. Dr. Enver Ulger (Turkey), Vassil Vasilev (Bulgaria)

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| 1. | 9. ⁰⁰ – 9. ²⁰ | Tasev, G. , Serafimovski, T., Dolenc, T., Dolenc, M., METAL POLLUTION OF SOILS IN THE SW PART OF KOCANI VALLEY (R. MACEDONIA) RELATED WITH PB-ZN MINES ACTIVITIES, <i>F.Y.R. of Macedonia</i> |
| 2. | 9. ²⁰ – 9. ⁴⁰ | Ozer, U. , Kahriman, A., Karadogan, A., Tuncer, G., Aksoy, M., Ozdemir, K., INVESTIGATION OF THE ENVIRONMENTAL EFFECTS OF GROUND VIBRATION INDUCED BY BLASTING IN VARIOUS QUARRIES LOCATED AT NORTHERN CYPRUS, <i>Turkey</i> |
| 3. | 9. ⁴⁰ – 10. ⁰⁰ | Baliktsis, E. , Fragoulis, M., AIMING TO THE PERFECT BLASTING RESULT - Case History 2: CONTROLLED EXPLOSIVE DEMOLITION OF A ROAD BRIDGE, in Northern Hellas, <i>Greece</i> |
| 4. | 10. ⁰⁰ – 10. ²⁰ | Yilmaz, T. , Alp, I., Celep, O., PROCESSING OF TRABZON-YOMRA-KAYABAŞI MASSIVE SULPHIDE CU-PB-ZN ORE WITH FLOTATION METHOD, <i>Turkey</i> |
| 5. | 10. ²⁰ – 10. ⁴⁰ | Georgakopoulos, A. , Papastergios, G., Fernandez-Turiel, J., Gimeno, D., Kapetanos, C., LEACHABILITY OF ENVIRONMENTALLY HAZARDOUS ELEMENTS FROM ASHES PRODUCED AFTER LIGNITE COMBUSTION IN AGIOS DIMITRIOS POWER PLANT, NORTHERN GREECE, <i>Greece</i> |
| | 10. ⁴⁰ – 11. ⁰⁰ | Coffee/Tea break - Kindly supported by STEF92 Technology Ltd |
| | | Chairman: Prof. Dr. Tuncer Celik (Turkey) Assistants: Dr. Hossein Hassani (Iran), Manolis Fragoulis (Greece) |
| 6. | 11. ⁰⁰ – 11. ²⁰ | Firm Presentation <i>Germany</i> |
| 7. | 11. ²⁰ – 11. ⁴⁰ | Dunka, E. , Berov, B., BIOLOGIC RECULTIVATION OF CIREŞATA-ROMANIA STERILE DEPOSITION, <i>Romania</i> |
| 8. | 11. ⁴⁰ – 12. ⁰⁰ | Rehor, M. , Lang, T., Ondracek, V., Lorencova, H., RESULTS OF APPLICATION OF SOME NON -TRADITIONAL RESTORATION METHODS ON NORTH BOHEMIAN MINES LOCATIONS, <i>Czech Republic</i> |
| 9. | 12. ⁰⁰ – 12. ²⁰ | Nowak, J. , Kudelko, J. RECLAMATION OF MINED OUT OPEN PITS USING COMBUSTION BY-PRODUCTS, <i>Poland</i> |
| 10. | 12. ²⁰ – 12. ⁴⁰ | Nitu, C. , Eusebiu, P., DEVELOPMENT AN EXPERT SYSTEM IN WATER MANAGEMENT, <i>Romania</i> |
| | 12. ⁴⁰ | End of the Second Conference Day |
| | 12. ⁴⁰ ... | Creative afternoon... |

15, June, 2005 (Wednesday)

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| | | <i>Chairman:</i> Prof. Dr. Metodi Majdrakov (Bulgaria) <i>Assistants:</i> Dr. Elias Baliktsis (Greece), Assis. Prof. Gergana Antova (Bulgaria) |
| 1. | 9. ⁰⁰ – 9. ²⁰ | Gul, A. , Dincer, A., Yavuz, R., Karatepe, N., REMOVAL OF CHROMIUM FROM AQUEOUS SOLUTION USING ACTIVATED CARBON, <i>Turkey</i> |
| 2. | 9. ²⁰ – 9. ⁴⁰ | Dinu, I. , Rotar, C., Stoica, C., Niculae, A., STUDY FOR IDENTIFYING APPROPRIATE SOLUTIONS FOR REHABILITATION IN THE ZONE OF THE LAKE SNAGOV, ROMANIA, <i>Romania</i> |
| 3. | 9. ⁴⁰ – 10. ⁰⁰ | Karadag, F. , Eksilioglu, A., Gul, A., Sipahi, M., Budinova, T., Petrov, N., Savova, D., PURIFICATION OF WATER FROM METAL IONS BY ACTIVATED CARBONS OBTAINED FROM COALS AND AGRICULTURAL BY- PRODUCTS, <i>Turkey</i> |
| 4. | 10. ⁰⁰ – 10. ²⁰ | Nikolova, M. , Brewer, P., Bird, G., Kotsev, T., Macklin, M., Mollov, M., Swain, C., SOURCE TO SINK RIVER POLLUTION ASSESSMENT IN NORTHERN BULGARIA: PRELIMINARY RESULTS ON CONTAMINANT DELIVERY IN THE LOWER DANUBE BASIN, <i>Bulgaria</i> |
| 5. | 10. ²⁰ – 10. ⁴⁰ | Ghanem, M. , Merkel, B., Tamimi, A., HYDROCHEMICAL CHARACTERISTICS OF THE FARIA BASIN, NORTHEASTERN WEST BANK, <i>Palestine</i> |
| | 10. ⁴⁰ – 11. ⁰⁰ | Coffee/Tea break - Kindly supported by STEF92 Technology Ltd |
| | | <i>Chairman:</i> Prof. Dr. Costica Nitu (Romania) <i>Assistants:</i> Assoc. Prof. Nikolay Jetcev (Bulgaria), Michal Rehor (Czech Republic) |
| 6. | 11. ⁰⁰ – 11. ²⁰ | Halir, J. , USE OF PHYTODECONTAMINATION PROCESS IN REGENERATION MEASURES TO DECREASE CONTENT OF UNDESIRABLE MATTERS IN DISCHARGED MINING WATERS OF THE NORTH BOHEMIAN BROWN COAL BASIN, <i>Czech Republic</i> |
| Section III: GEODESY AND MINE SURVEYING | | |
| 7. | 11. ²⁰ – 11. ⁴⁰ | Zdravchev, I. , Gospodinov, Sl., Mitrev, G., Bakasheva, S., GEODESIC ACTIVITIES IN THE PREPARATION OF THE PROJECT “RECONSTRUCTION AND ELECTRIFICATION OF THE RAILWAY LINE PLOVDIV – SVILENDRAD - GREEK/TURKISH BORDER”, <i>Bulgaria</i> |
| 8. | 11. ⁴⁰ – 12. ⁰⁰ | Majdrakov, M. , Benov, D., AUTOMATED SYSTEM FOR MARKSHADER INSURANCE, <i>Bulgaria</i> |
| 9. | 12. ⁰⁰ – 12. ²⁰ | Majdrakov, M. , Benova, B., Benov, D., DETERMINING OF ACTUAL LOADING OF QUARRY TIP – LORRIES BELAZ 7513 AND 7514, <i>Bulgaria</i> |
| 10. | 12. ²⁰ – 12. ⁴⁰ | Valchinov, V. , Nikolaeva, J., CRITERIA FOR ASSESSMENT OF GEODETIC NETWORKS, MEASUREMENTS AND DIGITAL TERRITORY MODELS, <i>Bulgaria</i> |
| 11. | 12. ⁴⁰ – 13. ⁰⁰ | Ivanova, M. , PARAMETRICAL ADJUSTMENT OF GRAVIMETRIC NETWORKS BY INTRODUCING THE VELOCITY OF THE DRIFT AS AN ADDITIONAL UNKNOWN QUANTITY, <i>Bulgaria</i> |
| 12. | 13. ⁰⁰ – 13. ²⁰ | Ribarovski, R. , Sribnoski, Z., Jovanov, J., Nasevski, M., GEODETIC METHODS FOR FOLLOWING OF LAND MOVEMENTS AND LAND SLIDE DEFORMATIONS, <i>F.Y.R. of Macedonia</i> |
| | 13. ²⁰ | End of the Third Conference Day |
| | 13. ²⁰ - 19. ⁰⁰ | Creative afternoon... |

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| 19. ⁰⁰ ... | <p>ANNIVERSARY PARTY – 5 years International Conference SGEM 2005.</p> <p>Happy Birthday to all participants!</p> <p>Official dinner party with variety show – KINDLY SUPPORTED BY OMV (BULGARIA) OFFSHORE EXPLORATION GMBH, BRANCH BULGARIA, Restaurant “Orehite”</p> |
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| 16, June, 2005 (Thursday) | | |
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| | | <p>Chairman: Prof. Dr. Ali Kahriman (Turkey)</p> <p>Assistants: Prof. Dr. Lidia Cristea, Dr. Viktor Driban (Ukraine)</p> |
| 1. | 9. ⁰⁰ – 9. ²⁰ | <p>Zhechev, N., PREVENTION OF ACTIVATED LANDSLIDES THROUGH THE HUMAN FACTOR AND THE LEGISLATION FOR GEO-PROTECTIVE CONSTRUCTION, <i>Bulgaria</i></p> |
| 2. | 9. ²⁰ – 9. ⁴⁰ | <p>Yilmaz, I., LANDSLIDE SUSCEPTIBILITY MAPPING METHODS AND USE OF ARTIFICIAL NEURAL NETWORKS, <i>Turkey</i></p> |
| 3. | 9. ⁴⁰ – 10. ⁰⁰ | <p>Gospodinov, Sl., Tzenkov, Tz., Stoev, G., GEODETIC MEASUREMENTS AND LANDSLIDE INVESTIGATIONS OF THE BALCHIC TOWN FOR PERIOD 1966-2004, <i>Bulgaria</i></p> |
| 4. | 10. ⁰⁰ – 10. ²⁰ | <p>Ivanov, I., STABILITY OF ARCHS AND KARST CAVERNS, <i>Bulgaria</i></p> |
| 5. | 10. ²⁰ – 10. ⁴⁰ | <p>Kiselev, N., Djachenko, N., SPATIAL DIFFERENTIATION OF TECTONIC ACTIVITY OF REGIONAL AND LINEAR STRUCTURES TAKING INTO ACCOUNT CONTINUOUS INTERACTION OF ENDOGENIC AND EXOGENIC PROCESSES, <i>Ukraine</i></p> |
| | 10. ⁴⁰ – 11. ⁰⁰ | <p>Coffee/Tea break - Kindly supported by STEF92 Technology Ltd</p> |
| | | <p>Chairman: Bruce Wright (USA)</p> <p>Assistants: Špela Kumelj (Slovenia), Julia Nikolaeva (Bulgaria)</p> |
| 6. | 11. ⁰⁰ – 11. ²⁰ | <p>Ramazi, H., Heidari, G., SEISMOTECTONIC AND EARTHQUAKE HAZARD ANALYSIS FOR QOM PROVINCE, (IRAN), <i>Iran</i></p> |
| 7. | 11. ²⁰ – 11. ⁴⁰ | <p>Driban, V., ON THE STABILITY OF STRUCTURALLY HETEROGENEOUS ROCK MASS, <i>Ukraine</i></p> |
| 8. | 11. ⁴⁰ – 12. ⁰⁰ | <p>Hassani, H., LANDSLIDE HAZARD ZONATION OF THE NORTH RAILWAY TRACK, IRAN, <i>Iran</i></p> |
| 9. | 12. ⁰⁰ – 12. ²⁰ | <p>Kerey, E., Sen, S., A STUDY ON ACTIVITY OF THE NORTHERN BRANCH OF THE NORTH ANATOLIAN FAULT THE 17-TH AUGUST 1999 MARMARA EARTHQUAKE, <i>Turkey</i></p> |
| 10. | 12. ²⁰ – 12. ⁴⁰ | <p>Georgieva, C., Georgiev, N., Angelov, A., PHOTOGRAMMETRIC PROCESSING OF AMATEUR DIGITAL PHOTOGRAPHS, <i>Bulgaria</i></p> |
| 11. | 12. ⁴⁰ – 13. ⁰⁰ | <p>Antova, G., DAM DEFORMATION INVESTIGATION BASED ON PERIODICALLY DETERMINED SPATIAL HORD LENGTH, <i>Bulgaria</i></p> |
| 12. | 13. ⁰⁰ – 13. ²⁰ | <p>Hribernik, K., MODELLING OF ATTRIBUTIVE HYDROGEOLOGICAL DATA IN GIS ENVIRONMENT, <i>Slovenia</i></p> |
| | 13. ²⁰ | <p>End of the Fourth Conference Day</p> |

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| | 13. ²⁰ – 14. ³⁰ | <i>Free time...</i> |
| | 14. ³⁰ – 18. ⁰⁰ | Conference FIELD TRIP: Town of Balchik, The Botanical Garden and the Royal Summer Village |

| 17, June, 2005 (Friday) | | |
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| | | Chairman: Assoc. Prof. Dr. Slaveyko Gospodinov (Bulgaria) Assistants: Dr. Hamidreza Ramazi (Iran), Dr. Irina Dinu (Romania) |
| Section IV: INFORMATION AND COMMUNICATION TECHNOLOGIES | | |
| 1. | 9. ⁰⁰ – 9. ²⁰ | Todorova, S., Hobiger, T., Weber, R., Schuh, H., USING GPS FOR DETERMINATION OF THE IONOSPHERE, <i>Austria</i> |
| 2. | 9. ²⁰ – 9. ⁴⁰ | Vassilev, V., Milenov, P., USE OF SATELLITE IMAGES AND GIS TECHNOLOGIES FOR THE EFFECTIVE MANAGEMENT OF THE TERRITORY OF BULGARIA, <i>Bulgaria</i> |
| 3. | 9. ⁴⁰ – 10. ⁰⁰ | Ulger, E., Akkaya, U., Kahriman, A., MODELING OF MIS BASED ON GIS FOR KUMAS IN KUTAHYA, <i>Turkey</i> |
| 4. | 10. ⁰⁰ – 10. ²⁰ | Madjanski, P., GEODESIC DATABASE, CODING, ORGANIZATION AND POSSIBILITIES TO CREATING THE SPECIAL SYSTEM FROM THEIR CULTIVATION, <i>Bulgaria</i> |
| 5. | 10. ²⁰ – 10. ⁴⁰ | Nitu, C., Costache, G., PROCESS MONITORING IN ECOLOGY BY BIDIRECTIONAL REMOTE TRANSFER USING VIRTUAL INSTRUMENTATION, <i>Romania</i> |
| | 10. ⁴⁰ – 11. ⁰⁰ | Coffee/Tea break - Kindly supported by STEF92 Technology Ltd |
| | | Chairman: Assoc. Prof. Elias Stamboliadis (Greece) Assistants: Assoc. Prof. Dr. Ivan Zdravchev (Bulgaria), Filiz Karadag (Turkey) |
| 6. | 11. ⁰⁰ – 11. ²⁰ | Popov, A., SOFT COMPUTING METHODS IN GEOSCIENCES, <i>Bulgaria</i> |
| 7. | 11. ²⁰ – 11. ⁴⁰ | Kumelj, Š., Komac, M., Šinigoj, J., Hribernik, K., INTERACTIVE ATLAS OF SLOVENIAN GEOLOGICAL DATA, <i>Slovenia</i> |
| Section V: EUROPEAN INTEGRATION AND INTERNATIONAL COOPERATION | | |
| 8. | 11. ⁴⁰ – 12. ⁰⁰ | Kamboseva, S., GENERAL PRINCIPLES IN THE PROJECT FOR MINERAL RESOURCES LEGISLATION, <i>Bulgaria</i> |
| 9. | 12. ⁰⁰ – 12. ²⁰ | Cristea, L., Badulescu, M., THE IMPACT OF ECONOMIC DEVELOPMENT OVER THE ENVIRONMENT, <i>Romania</i> |
| 10. | 12. ²⁰ – 12. ⁴⁰ | Nikolaeva, J., Valchinov, V., RISK ASSESSMENT AND MANAGEMENT USING GIS, <i>Bulgaria</i> |
| | 12. ⁴⁰ | Official closing down of the Fifth International Scientific Conference “Modern Management of Mine Producing, Geology and Environmental Protection” - SGEM 2005 |
| | 12. ⁴⁰ | End of the <i>Fifth Conference Day</i> |
| | 12. ⁴⁰ ... | <i>Creative afternoon...</i> |