

LIST OF PAPERS ON CD – SWEMP 2009

1. TECHNICAL EVALUATION OF USE OF CHARCOAL AND RICE CRUST MIXTURES FOR THEIR INJECTION IN THE BLAST FURNACES TUYERES
P. S. ASSIS, A.O. LAGE D .F. MORAIS AND N.C. SIVEIRA

2. USE OF WASTES FROM SOAPSTONE TO ADD INTO BLAST FURNACE POWDER INJECTION
P. S. ASSIS, W. S. SOARES AND M. E. MARTINS

3. LOCAL AND REGIONAL ENVIRONMENTAL ASSESSMENT AND MANAGEMENT OF MINES IN NORTHWESTERN TERRITORIES OF ARGENTINA
J. C. AVILA, J. E. LAZARTE AND M. GIANFRANCISCO

4. MICROBIAL GENOMICS FOR MONITORING METAL AND SULPHATE REMEDIATION
S.A. BALDWIN, JANA SCHMIDTOVA, SANGWON LEE, STEVEN HALLAM, AL MATTES, STEPHANE BRIENNE, RON MARTEL, CONOR DOUGLAS, JUSTIN PAGE, AND JANET ATKINSON-GROSJEAN

5. A REVIEW OF MINERAL CARBON SEQUESTRATION
TECHNICAL EXPECTATIONS AND ITS POTENTIAL ROLES IN CARBON MANAGEMENT POLICIES
SHEILA M. BALLANTYNE AND MICHAEL M. HITCH

6. ENHANCEMENT OF WATER RECOVERY IN MARBLE MINING AND PROCESSING
ANUPAM BHATNAGAR

7. SATELLITE IMAGE BASED STRATEGIES TO EVALUATE THE IMPACT OF DISMISSED MINE SITE: AN APPLICATION TO THE BRAJRAJNAGAR COAL MINES COMPLEX, INDIA
G. BONIFAZI, L. NARDONI, S. SERRANTI AND F.VOLPE

8. LOWER LIFE CYCLE COSTS FOR WATER TREATMENT
MICHAEL BRATTY, DAVID SANGUINETTI, AND DAVID KRATOCHVIL

9. TREATMENT OF RUNOFF CONTAINING SUSPENDED SOLIDS RESULTING FROM MINE CONSTRUCTION ACTIVITIES USING SEDIMENTATION PONDS
J.P. CLARK

10. RECLAMATION BONDING PRACTICES IN GREECE
D. DAMIGOS, K. TRIANTAFYLLOU AND D. KALIAMPAKOS

11. OCCUPATIONAL EXPOSURE TO NOISE AND VIBRATION IN MINE RECLAMATION
V. DENTONI, G. MASSACCI AND L. PIRAS

12. MANAGEMENT AND CONTROL OF HAZARDS IN MINE BACKFILL OPERATIONS
E. DE SOUZA, J.F. ARCHIBALD AND L. BEAUCHAMP

13. INVESTIGATIONS OF BACKFILL-ROCK MASS INTERFACE FAILURE MECHANISMS
E. DE SOUZA AND S. MANARAS

14. NUMERICAL THERMO-MECHANICAL MODELLING BY FLAC ON COAL FIRES IN NORTH CHINA
CARSTEN DREBENSTEDT, DOREL GUSAT AND DENG JUN

15. APPLICATION OF PASTE BACKFILL IN UNDERGROUND COAL FIRES
CARSTEN DREBENSTEDT AND MANOON MASNIYOM

16. ASPECT OF ENVIRONMENTALLY FRIENDLY BLAST DESIGN
CARSTEN DREBENSTEDT AND JURAJ ORTUTA

17. NEW APPROACH FOR ENERGY EFFICIENT BLAST CALCULATION
CARSTEN DREBENSTEDT AND JURAJ ORTUTA

18. BENEFICIAL USE OF FLY ASH AND RED MUD IN GEOPOLYMER CONCRETE
J. DUCHESNE

19. POWER INDUSTRY – WASTE AS AN ALTERNATIVE ENERGY SOURCE
L. GAWLIK, E. MOKRZYCKI, AND A. ULIASZ-BOCHENCZYK

20. EXTRACTION OF ARSENATE AND ARSENITE SPECIES FROM CONTAMINATED SOILS: CAN ONE PRESERVE THE ORIGINAL OXIDATION STATE?
M. GIRAL, G.J. ZAGURY, L.DESCHÊNES, AND J.P. BLOUIN

21. APPLICATION OF A SET OF HETEROGENEOUS NEURAL NETWORKS TO MODELLING SOIL CLASSIFICATION IN MINING REGIONS
S. GRUSZCZYNSKI

22. APPLICATION OF FENCE TYPE ELECTRODE ARRANGEMENT METHOD FOR LEAKAGE DETECTION SYSTEM OF WASTE LANDFILL
SANG-JAE HAN, BYUNG-IL KIM, JONG-YUN KIM, DONG-WOOK AHN, AND SOO-SAM KIM

23. BIOTOPE ASSESSMENT AND EVALUATION AS A METHOD TO QUANTIFY THE EXTERNAL COSTS RELATED TO SURFACE BROWN COAL MINING
M. KABRNA AND O. PELESKA

24. LESS-INVASIVE BOREHOLE TECHNOLOGY WITH NON-INVASIVE GEOPHYSICAL APPLICATIONS IN DETERMINATION OF 3D ELECTRICAL RESISTIVITY DISTRIBUTION FOR CONTAMINATION PROBLEMS
A.I. KANLI, Z. NYARI, J. STICKEL, AND A. TILLMANN

25. USE OF WOOD ASH FOR ROAD STABILIZATION
ANDERS LAGERKVIST AND BO LIND

26. A REVIEW ON THE HANDLING OF TAILINGS FROM GOLD AND COPPER PROCESSING PLANTS IN PAPUA NEW GUINEA.
JIM PAE LEM

27. THE INFLUENCE OF POROSITY ON THE UNCONFINED AND TRIAXIAL SHEAR STRENGTH OF CEMENTED ROCK BACKFILL
RICHARD MCNEARNY AND CLIFFORD STOUT

28. TRACING THE SULFUR CYCLE AT AN ABANDONED HIGH-SULFIDE TAILINGS IMPOUNDMENT USING CHEMICAL AND ISOTOPIC TECHNIQUES
M.C. MONCUR, C.J. PTACEK, B. MAYER, D.W. BLOWES, AND S.J. BIRKS

29. THE POTENTIAL FOR THE USE OF PULP AND PAPER SLUDGE IN MINE SITE REHABILITATION
CHLOE HAMMOND AND DILIP NAG

30. URBAN MINE -- SUSTAINABLE DEVELOPMENT IN CONSTRUCTION
TOYOHARU NAWA

31. ENERGETIC-DISSIPATING FUNCTION OF SELECTED LANDSCAPE STRUCTURES ON RECLAMATION PLOTS
JAN PROCHÁZKA, JAKUB BROM, JAKUB ŠŤASTNÝ AND EMILIE PECHAROVÁ

32. SOME ENVIRONMENTAL ISSUES AND MORE USEFUL UTILIZATION OF MINED-OUT AREAS FOR SURFACE MINES LOCATED NEAR POPULATED AREAS
YOSHIKI SAKAI, TAKASHI SASAOKA, KIKUO MATSUI, HIDEKI SHIMADA, HIDEAKI NAKAGAWA, AND MASATOMO ICHINOSE

33. DEVELOPMENT OF GIS-BASED EMERGENCY MANAGEMENT SYSTEM FOR UNDERGROUND COAL MINE SAFETY
S.SALAP, M.O.KARSLIOGLU, AND N.DEMIREL

34. RECENT JAPANESE TECHNOLOGIES ON GASEOUS FUEL RECOVERY FROM COAL
SOHEI SHIMADA

35. REMEDIATION OF CONTAMINATED WATER SOURCES WITH SULPHATE-REDUCING BACTERIA
D.G. TECLU, M.D. LAING, AND F.M. WALLIS

36. ADAPTIVE MANAGEMENT FOR MINE SITE RECLAMATION AND REHABILITATION
U. THORLEY

37. CFD4D (COMPUTATIONAL FLUID DYNAMICS, 4 DIMENSIONS) APPLIED TO THE DUST DISPERSION
SIMULATION IN OPEN PIT BLASTS
J. TORAÑO, S. TORNO, P. RIESGO AND A. SUAREZ

38. LAND USE CHANGE ANALYSIS AND ECOLOGICAL RESTORATION PLAN IN COAL MINE AREAS OF
MTG, CHINA
LINLIN WANG AND ZHENQI HU

39. IDENTIFYING HEAVY METAL SOURCES AND MOBILIZATION PROCESSES IN A HISTORIC METAL
MINING DISTRICT USING NATURAL TRACERS
HOLGER WEISS, KAY KNÖLLER AND MICHAEL SCHUBERT

40. AN IN-LINE PROCESS DESIGNED FOR WASTEWATER TREATMENT AND TAILINGS STABILIZATION
J. M. ZHUANG AND T. WALSH

41. THE REUSE AND THE RECYCLE OF EXCAVATION MATERIAL IN SOME ITALIAN TUNNELS
R. BELLOPEDE AND E. MICHELOTTI

42. SUSTAINABLE MINERAL RESOURCE DEVELOPMENT: BC CHALLENGES AND STRATEGIES
JACQUELINE L. NELSEN AND MALCOLM SCOBLE

43. GEOELECTRICAL SURVEYS FOR IDENTIFICATION AND MONITORING OF AMD IN GROUNDWATERS INFLUENCED BY LIGNITE OPEN-CAST MINING
MARKUS HIRSCH AND HOLGER WEISS

44. THE USE OF CHROMOLAENA ODORATA (L) KING & H.E. ROBINS FOR THE TREATMENT OF SOIL CONTAMINATED WITH METALS AND CRUDE OIL UNDER GREEN HOUSE CONDITIONS
H.I. ATAGANA

45. GEOTECHNICAL ASPECTS FOR THE OPTIMIZATION OF DUMP DESIGN AT CHINH BAC MINE WASTE DUMP IN VIETNAM
MARCUS FUCHSSCHWANZ, MARTIN ZIEGLER, SHAKEEL AHMAD, JOSE B. PATEIRO FERNANDEZ, PER N. MARTENS, AND GUIDO DEISSMANN

46. DISCRETE TRACER MOVEMENTS METHOD FOR MINE NETWORK AIRWAYS
A. WIDIATMOJO, K.SASAKI, G. ARPA, AND Y. SUGAI

47. MICROALGAE-DERIVED BIOFUEL PRODUCTION FROM MINE WATERS
HALL, S. T., SCOTT, J. A., SHANG, H., HALL, A. AND SHEPHARD, S.

48. PLANNING FOR CLOSURE - COPPERBELT ENVIRONMENT PROJECT, ZAMBIA
FREDERIC CLARIDGE, SOLOMON PHIRI AND WES FUNK

49. ROLE OF DOM'S METAL-BINDING CAPACITY DURING AMD TREATMENT IN PASSIVE BIOREACTORS
CARMEN M. NECULITA, YVES DUDAL, AND GÉRALD J. ZAGURY

50. IMPLEMENTATION OF A DATABASE FOR RISK ASSESSMENT OF ABANDONED ITALIAN MINING SITES
BANDINI, P. BERRY, AND C. DACQUINO

51. ASSESSMENT AND PROTECTION FOR ECO-ENVIRONMENT IN A PROPOSED GOLD MINING AREA IN LANNIGOU, GUIZHOU PROVINCE, CHINA
GE HAO AND MA LIYING

52. STRATEGIC ENVIRONMENTAL ASSESSMENT OF MINING ACTIVITY IMPACT ON NATURE AND LANDSCAPE: EVALUATION OF SUCCESS
MIROSLAV MARTIS, EMILIE PECHAROVA, LIBOR PECHAR, AND IVANA KASPAROVA

53. HAZARD-BASED MODEL APPLICATION TO PRIORITIZE AND MANAGE MINE SITE REHABILITATION WORK IN MANITOBA
CAIUS PRISCU, WING KEAT WONG, ERNEST ARMITT, AND DOINA PRISCU

54. FLUIDIZED BED AND PULVERIZED COAL COMBUSTION RESIDUES FOR SECONDARY PAVEMENTS
N. GHAFORI, H. DIAWARA AND L. WANG

55. A SITE EXPERIMENT FOR TECHNOLOGY TO CONTROL MINE DRAINAGE USING A HIGH WATER ABSORBABILITY POLYMER
NOBUYUKI MASUDA, KOUSUKE TAKAMOTO AND HIDEO ASANO

56. ANALYSIS OF ARTEMISIA ARBORESCENS L. GROWTH RATE ON CONTAMINATED SUBSTRATES USING A THERMODYNAMIC APPROACH.
BONOMI E. CELLA R., CICCU R., LIGAS P., AND PARODO L.