

**C U R R I C U L U M V I T A E**  
**Dimitris C. Kalampakos**

**PERSONAL DATA**

- **Date of birth:** 26 May 1962
- **Address:** 9 Heroon Polytechneiou street, Zografos, Athens 15780
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**EDUCATION**

- **1988 – 1993:** Ph.D in Industrial Minerals, National Technical University of Athens (NTUA)
- **1980 – 1986:** Diploma in Mining Engineering – Metallurgy, National Technical University of Athens (NTUA), Department of Mining and Metallurgical Engineering, Degree grade: 7.44

**PROFESSIONAL EXPERIENCE**

- Professor in the School of Mining and Metallurgical Engineering of the National Technical University of Athens (NTUA).
- Director of the Laboratory of Mining and Environmental Technology of the NTUA.
- Member of the Scientific and Administrative Committee of the NTUA Postgraduate Course “Environment and Development”
- Member of the Board of Directors in the Lavrion Technological and Cultural Park
- Senior Researcher in NTUA, over 20 years
- Consultant in Mining Enterprises for more than 15 years
- Consultant in Environmental Protection Companies

**MAIN RESEARCH INTERESTS**

- Environmental impacts of mining activities
- Environment and natural resource economics
- Environment and development of mountainous areas
- Underground development
- Mining exploitation and industrial minerals
- Brownfields
- Development of virtual reality applications

**EDUCATIONAL ACTIVITIES**

- Postgraduate courses:
  - Environmental economics: Applications on mountain development issues
  - Introduction to the environment and society of mountainous areas
  - Environmental economics
  - Economics of water resources and the environment
  - Risk assessment in safety and health issues
  - Design and technical-economic assessment of special underground works

- Undergraduate courses:
  - Environment and development
  - Environment II (environmental protection in mining and metallurgy)
  - Environmental mining and quarry engineering (special topics)
  - Marble and industrial minerals
  - Environmental management - Legislation
  - Mineral economics
  - Underground works
  - Solid waste treatment – Material recycling
  - Mine valuation and mining legislation
- **Coordinator of the MSc “Environment and Development of Mountainous Areas”.** This postgraduate program focuses on mountain issues and is organized in Metsovo, at the heart of Pindos mountain range. The educational process is characterized by experiential learning, encountering real – life problems of mountainous areas and interdisciplinary approach to environment and development issues. It is the only educational program, in Greece, dedicated to mountainous areas issues.

## **RESEARCH PROJECTS**

Participation in 57 research projects, in 22 of them as coordinator and in 24 of them as main researcher.

List of indicative research projects:

- Main researcher in the EU funded, LIFE program “Action plan for the site location and the development of design operation and environmental impact assessment method of solid waste sanitary landfill in Egypt governorates”
- Main researcher in the EU funded program “Energy, Environment and Sustainable Development: Low Risk Disposal Technology” (E.E. EVGI – CT –2000 - 00020)
- Coordinator in the program “Environmental Protection and Innovation in Western Attica”, funded by the Prefecture of Western Attica
- Coordinator in the program “Risk assessment of the by - products and waste of the lignite – fired power stations in Ptolemaida”, funded by the Greek Public Power Corporation
- Scientific coordinator in the project “Soil rehabilitation and supplemental works in the Technological – Cultural Park of Lavrio”, funded by the European Union and the Greek Government. This project included the decontamination of soils containing hazardous waste from the mining activities in the area of Lavrio, as well as the construction of an innovative underground facility for storing hazardous waste. A sufficiently equipped environmental laboratory was also created for the control and monitoring of the procedures.

## **PUBLICATIONS**

Over 120 publications in peer – reviewed journals and international conferences and 130 citations.

1. Karachaliou, T., Kaliampakos, D., “ORFA: introducing a method for maximizing social profit from soil remediation funds”, Journal of Soils and Sediments, Volume 11, Number 2, pp. 260-270, 2010
2. Μπενάρδος, Α., Ζευγώλης, Ι., Μιχαλόπουλος Ι., Καλιαμπάκος, Δ., “Δημιουργία Υπόγειου Συγκροτήματος Βιολογικού Καθαρισμού στην Κέα. Μια Καινοτόμος Εφαρμογή”, 3ο Συνέδριο Εγκαταστάσεων Επεξεργασίας Νερού και Υγρών Αποβλήτων Μικρής Κλίμακας, Σκιάθος, pp. 99-104, 2010

3. M.E. Menegaki, D.C. Kaliampakos, "European aggregates production: Drivers, correlations and trends", *Resources Policy* 35, pp. 235-244, 2010.
4. M. Menegaki, D. Kaliampakos, "Landscape impacts in open pit mine design: introducing a new method", Proceedings of the 12th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2010), Prague, Czech Republic, 24-26 May 2010, pp. 314-321.
5. N. Katsoulakos, D. Kaliampakos, "Optimizing biomass utilization in mountainous areas", Proceedings of the International Conference on Global Change and the World's Mountains, Perth, Scotland, 26-30 September 2010.
6. S. Giannakopoulou, D. Kaliampakos, "Valuing vernacular architecture: An innovative tool in sustainable tourism and development in mountain regions", Proceedings of the International Conference on Global Change and the World's Mountains, Perth, Scotland, 26-30 September 2010.
7. Μπενάρδος Α., Βαντόλας Β., Τσατσανίφος Χ., Ψαρρόπουλος Π., Παναγιώτου Μ., Καλιαμπάκος Δ., 2010, "Τεωλογικά και γεωτεχνικά προβλήματα κατά την κατασκευή του πρώτου υπόγειου χώρου αποθήκευσης επικινδύνων αποβλήτων στην Ελλάδα", 6ο Πανελλήνιο Συνέδριο Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Βόλος, 29/09 - 1/10/2010, vol.3, pp. 125-132.
8. D. Labrakis, D. Kaliampakos, "The Physical Attributes of Industrial Minerals as Basic Criteria for Their Applicability in Abrasive Blast Cleaning", Proceedings of the XIIIth International Mineral Processing Symposium, Cappadocia-Nevşehir, Turkey, 6-8 October 2010, pp. 855- 864.
9. Kaliampakos, D., Benardos, A., "Underground Hazardous Waste Disposal: Current Trends and Future Prospects", Proc. ISWA Beacon 2010 "Public Private Partnership and Hazardous Waste", 8 – 10 Dec. 2010, Novi Sad, Serbia, pp. 6-13.
10. Θ. Καραχάλιου, Β. Πρωτονοτάριος και Δ. Καλιαμπάκος, "Εκτίμηση επικινδυνότητας του κτηρίου «Κονοφάγου» στο Τεχνολογικό και Πολιτιστικό Πάρκο Λαυρίου", Τιμητική έκδοση στη μνήμη του Καθηγητή του Ε.Μ.Πολυτεχνείου Νικολάου Σπυρέλλη, Εθνικό Μετσόβιο Πολυτεχνείο, σελ. 321-328, Αθήνα 2009.
11. M. Menegaki, D. Kaliampakos, "Forecasting aggregates demand: a case study in Attica, Greece", *International Journal of Mining, Reclamation and Environment* 2009, 23:2, pp. 144 – 153, June 2009.
12. Kaliampakos, D., Damigos, D. and Protonotarios, V., "Management of a highly contaminated structure resulted from metallurgical activity: The rare case of 'Konofagos Building'", 3rd AMIREG International Conference 2009: Assessing the Footprint of Resource Utilization and Hazardous Waste Management, 7 – 9 September, Athens, Greece, pp. 188 – 193.
13. Kaliampakos, D., Benardos, A., 2009, "Developing the First Underground Hazardous Waste Repository in Greece", 3rd AMIREG International Conference, Athens, Greece, September 7-9, pp. 182-187.
14. Damigos, D., Triantafyllou, K. and Kaliampakos, D., "Reclamation bonding practices in Greece", 11th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2009), November 16-19, 2009, Banff, Alberta, Canada.
15. Kaliampakos, D., Mavrikos, A, Athanassopoulos, S. and Papavasileiou, S., "Mining as an underground space producing activity: A financial point of view", Proceedings of the 12th ACUUS International Conference, Using the underground of cities for a harmonious and sustainable urban environment, Shenzhen, China, 18-19 November 2009, pp. 292-298.
16. Kaliampakos, D., Benardos, A., 2009, "On-site Underground Hazardous Waste Repositories: A Successful Model", 12th ACUUS International Conference, Shenzhen, China, November 18-19, pp. 14-18.
17. T. Karachaliou and D. Kaliampakos, "Bridging mining theory with soil remediation", Proceedings of the 4th International Conference on Prevention, Assessment, Rehabilitation, Restoration and Development of Brownfield Sites, Cephalonia, Greece, 6-8 May 2008, pp. 93-102.

18. D. Damigos and D. Kaliampakos, "Assessing the external costs and the economic viability of the Greek steel industry", 2nd International Conference on Environmental Economics and Investment Assessment, Cadiz, Spain, 28-30 May 2008 pp. 65 - 74.
19. Kaliampakos, D., Benardos, A., 2008, "Underground Space Development: Setting Modern Strategies", Underground Spaces 2008, New Forest, UK, September 8-10, pp. 1-10.
20. D. Kaliampakos, D. Damigos, T. Karachaliou and M. Christolis, "Safety measures in remediation works of heavily contaminated land under the spot of risk assessment", Proceedings of the 1st International Conference on Hazardous Waste Management, Chania, Crete, Greece, 1–3 October 2008.
21. T. Karachaliou, D. Damigos and D. Kaliampakos, "Risk assessment in heavily contaminated lands", Proceedings of the 10th International Conference on Environmental Science And Technology, (CEST 2007) Kos Island, Greece, 5-7 September 2007, pp. 593-600.
22. A. Mavrikos and D. Kaliampakos, "Appraising the Environmental Advantages of Underground Storage Facilities in Athens, Greece", Proceedings of the 11th ACUUS International Conference, Underground Space: Expanding the Frontiers, 10-13 September 2007, Athens, Greece, pp. 267-272.
23. Δ. Καλιαμπάκος, "Προς ένα νέο Πανεπιστήμιο. Άλλα ποιό;", 5ο Διεπιστημονικό Συνέδριο του Ε.Μ.Π. και του ΜΕ.Κ.Δ.Ε. του Ε.Μ.Π.: "Παιδεία, έρευνα, τεχνολογία. Από το χθες στο αύριο", 27-30/09/2007, Μέτσοβο, Ελλάδα.
24. D. Kaliampakos, D. Damigos and T. Karachaliou, "Using the "dry-tomb" technique in the remediation of heavily contaminated land", Proceedings of the 10th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2007), Bangkok, Thailand, 11-13 December 2007.
25. K.I. Vatalis and D. C. Kaliampakos, "An Overall Index of Environmental Quality in Coal Mining Areas and Energy Facilities", Environmental Management, Vol. 38, N. 6, 2006, pp. 1031-1045.
26. M. Menegaki, D. Kaliampakos, "Landscape analysis as a tool for surface mining design", Environment and Planning B: Planning and Design, 2006, Volume 33 (2) March, pp. 185–196.
27. M. Menegaki, D. Kaliampakos, "Towards an effective electronic waste management scheme in Attica, Greece", presented in the 2nd International Conference on Waste Management and the Environment (Waste Management 2004), Rhodes, Greece, 29 September – 1 October 2004, Proceedings of the 3rd International Conference on Waste Management and the Environment, 2006, pp. 547-555.
28. M. F. Vaidanis and D.C. Kaliampakos, "Putting Aggregate Quarrying under the Spotlight of Sustainability", Proceedings of the 12th Annual international Sustainable Development Research Conference, Hong Kong, 6-8 April 2006.
29. A.G. Benardos and D. C. Kaliampakos, "Design of an Underground Hazardous Waste Repository in Greece", Proceedings of the World Tunnel Congress and 32nd ITA general Assembly (AITES-ITA 2006) on Safety in the Underground Space, Seoul, Korea, 22 – 27 April, 2006.
30. D. Damigos and D. Kaliampakos, "The "battle of gold" under the light of green economics: a case study from Greece", Environmental Geology (2006), Volume 50, N.2, May, pp. 202–218.
31. D.C. Kaliampakos and A.A Mavrikos, "Introducing a new aspect in marble quarry rehabilitation in Greece", Environmental Geology (2006), Volume 50, N.3, June, pp. 353–359.
32. M.E. Menegaki, T.I. Karachaliou and D.C. Kaliampakos, "Critical parameters for the design of an e-waste management system in Greece", Proceedings of the 8th Conference for the Protection and Restoration of the Environment, Chania, Greece, 3-7 July 2006.
33. A.A Mavrikos and D.C. Kaliampakos, "Underground development in urban areas: the birth, the evolution and the perspectives of the trend", presented in the 4th International Conference on Urban Regeneration and Sustainability, Tallinn, Estonia, 17-19 July 2006, Proceedings of 3rd International Conference on Sustainable Development and Planning, pp. 219-228, 2007.

34. Kaliampakos, D., Damigos, D. and Karachaliou, T., "Green economics as a tool for prioritising brownfields rehabilitation in Greece", Proceedings of the 3rd International Conference on Prevention, Assessment, Rehabilitation and Development of Brownfield Sites, pp. 219–228, Tallinn, Estonia, 19-21 July 2006.
35. Damigos, D. and Kaliampakos, D., "Developing fuzzy AHP system to evaluate rehabilitation alternatives of asbestos industrial complex", Mineral Processing and Extractive Metallurgy (Trans. Inst. Min. Metall. C), Vol. 115, N. 3, 2006, pp. 139–144.
36. Damigos, D. and Kaliampakos, D., "Economic aspects of modern environmental policy issues – A step forward", Environmental Economics 2006, First International Conference, Mykonos, Greece, 13–15 September 2006, pp. 11-20.
37. Πιάνου, Κ., Μπενάρδος, Α., Σοφιανός, Α., Καλιαμπάκος, Δ., 2005, "Η Περιβαλλοντική Σημασία των Υπογείων Έργων", Τιμητικός τόμος Ομ. Καθηγητή Α. Φραγκίσκου, pp. 187-197.
38. D.C. Kaliampakos and A.A Mavrikos, "Underground Development: A Path Towards Sustainable Cities", presented in the Third International Conference on Urban Regeneration and Sustainability – The Sustainable City", Siena, Italy, 16–18 June 2004 (υπό δημοσίευση στο Sustainable Planning and Development 2005).
39. D.C. Kaliampakos, S.L. Manaras, C.S. Orfanos, A.A. Mavrikos, "Underground bus depot in Athens. A novel design approach", Proceedings of the 10th ACUUS International Conference on Underground Space and Rock Mechanics, pp. 90-93, Moscow, Russia, 24-28 January 2005.
40. D.C. Kaliampakos, N.I. Sofos, A.G. Benardos, "3D Visualization in Underground Space Development", Proceedings of the 10th ACUUS International Conference on Underground Space and Rock Mechanics, pp. 94-98, Moscow, Russia, 24-28 January 2005.
41. A.G. Benardos, D.C. Kaliampakos, "Hydrocarbon storage in unlined rock caverns in Greek limestone", Tunnelling and Underground Space Technology, Vol. 20, pp. 175-182, 2005.
42. T. Karachaliou, D. Kaliampakos, "Redeveloping derelict urban space, The case study of Lavrio, Greece", Proceedings of CABERNET 2005, The International Conference on Managing Urban Land, pp. 180-184, Belfast, Northern Ireland, UK, 13-15 April 2005.
43. M.E. Menegaki, D.C. Kaliampakos, "Surface mining design: A systematic approach to the evaluation of visual impacts", Proceedings of the International Conference on Mining and the Environment, Metals and Energy Recovery, Securing the Future, pp. 716-725, Vol. 2, Skelleftea, Sweden, 27 June – 1 July 2005.
44. A.A. Valta, M.E. Menegaki, D.C. Kaliampakos, "Electronic waste management in Greece: Are people ready to get involved in the process?", Proceedings of the 9th International Conference on Environmental Science and Technology, pp. 1560-1565, Vol. A, Rhodes, Greece, 1-3 September 2005.
45. K. Papani, A. Benardos, D. Kaliampakos, "Going underground: An LCA approach", Proceedings of the International Conference on Innovation by Life Cycle Management (LCM), Vol. 1, Barcelona, Spain, 5-7 September 2005, pp. 231-235.
46. M. Menegaki, D. Kaliampakos, "Redesign aspects of lignite mine reclamation: A case study in Greece", Proceedings of the International Workshop in Geoenvironment and Geotechnics, Milos, Greece, 12-14 September 2005, pp. 125-130.
47. Βατάλης Κ., Καλιαμπάκος Δ., Καμπούρη Σ., Δαμίγος Δ. και Λαμπράκης Δ., "Αποτίμηση ποιότητας περιβάλλοντος μέσω έρευνας κοινής γνώμης σε περιοχές με έντονη μεταλλευτική και βιομηχανική δραστηριότητα", Πρακτικά 2ου Περιβαλλοντικού Συνεδρίου Μακεδονίας, 8-12 Οκτωβρίου 2005.
48. D. Kaliampakos, D. Damigos, "Determination of particulate matter rates to prevent socio-economic impacts from outdoor abrasive blast-cleaning operations", presented in Air Pollution 2003 International Conference, Catania, Sicily, September 2003 (υπό δημοσίευση στο Air Pollution 2004). Δημοσιεύτηκε στα Πρακτικά του Συνεδρίου «Air Pollution XII (Air Pollution 2004)», ed.

- C.A. Brebbia (Ed.), Wessex Institute of Technology, Series: Advances in Air Pollution, Vol 14, UK, pp. 189-198.
49. D. Kaliampakos, A. Mavropoulos, D. Damigos, "Reducing risk of exposure from hazardous waste repositories", presented in Environmental Health 2003 International Conference, Catania, Sicily, September 2003. Δημοσιεύτηκε στα Πρακτικά του Συνέδριου «Waste Management and the Environment II (Waste Management 2004)», ed. C.A. Brebbia, S. Kungolos, V. Popov, and H. Itoh, (Eds.), Wessex Institute of Technology, UK, pp. 137-146.
50. I.E. Zevgolis, A.A. Mavrikos, D.C. Kaliampakos, "Construction, storage capacity and economics of an underground warehousing-logistics center in Athens, Greece", Tunnelling and Underground Space Technology, Vol. 19, pp. 165-173, 2004.
51. G. Andronikos, D. Labrakis and D. Kaliampakos, "Evaluation of surface preparation for abrasive blast cleaning in ship repairing", Journal of Ship Production, Published quarterly by The Society of Naval Architects and Marine Engineers, Vol. 20, Number 1, pp. 7-15, February 2004.
52. D. Damigos, A. Benardos and D. Kaliampakos, "The space beneath: Developing the new human-friendly cities", Proceedings of the 1st International Conference on Advances in Mineral Resources Management and Environmental Geotechnology, pp. 641-646, Hania, Crete, Greece, 7-9 June 2004.
53. Damigos D. and Kaliampakos D., "Forecasting the effects of environmental changes on residential land prices: an application of fuzzy delphi method", Proceedings of the thirteenth annual conference of EAERE, Budapest, Hungary, June 25-28th 2004.
54. Δ. Καλιαμπάκος, Μ. Μενεγάκη, "Διαχείριση επικίνδυνων αποβλήτων στην Ελλάδα - Μια συνδυαστική λύση", Τιμητική έκδοση στη μνήμη του Καθηγητή του Ε.Μ.Πολυτεχνείου Αντώνη Κοντόπουλου, Εθνικό Μετσόβιο Πολυτεχνείο, σελ. 331-343, Αθήνα 2004.
55. A.G. Benardos, D.C. Kaliampakos, "A methodology for assessing geotechnical hazards for TBM tunneling - illustrated by the Athens Metro, Greece", International Journal of Rock Mechanics & Mining Sciences, Vol. 41 pp. 987-999, 2004.
56. Μπενάρδος, Α., Καλιαμπάκος, Δ., Σταματάκη, Σ., "Αποθήκευση Φυσικού Αερίου σε Κοιλότητες Ορυκτού Άλατος. Μια Νέα Δυνατότητα για την Ήπειρο?", 4ο Διεπιστημονικό Διαπανεπιστημιακό Συνέδριο ΕΜΠ: «Η Ολοκληρωμένη Ανάπτυξη της Ηπείρου», Μέτσοβο, 23-26 Σεπτεμβρίου 2004.
57. A. Mavropoulos, M. Menegaki, D. Kaliampakos, "Underground hazardous waste disposal: a dynamic alternative to current hazardous waste management", Proceedings of the 2nd International Conference on Waste Management and the Environment (Waste Management 2004), Rhodes, Greece, 29 September – 1 October 2004, pp. 159-168.
58. D. Damigos, V. Protonotarios, D. Kaliampakos, "Use of a Quantitative Risk Based Approach for Deciding Upon Short-term Remediation Methods of a Contaminated Site", International Journal of Surface Mining, Reclamation and Environment (IJSMRE), Volume 18, Number 3, pp. 170-184, September 2004.
59. A.G. Benardos, D.C. Kaliampakos, "Modelling TBM performance with artificial neural networks", Tunnelling and Underground Space Technology, Vol. 19, pp. 597-605, 2004.
60. Kaliampakos D., Mavrikos A., "Restoration vs. Rehabilitation in Marble Quarries. A Case Study in Greece", Apré-mine 2003, International Symposium, Post – Mining, Impacts and Risk Management, Nancy, France, February 5-7, 2003.
61. Kaliampakos D., Menegaki M., "Transforming and Old Asbestos Mine into a Hazardous Waste Repository: Pros and Cons", Apré-mine 2003, International Symposium, Post – Mining, Impacts and Risk Management, Nancy, France, February 5-7, 2003.
62. D. Damigos, D. Kaliampakos, "Assessing the Benefits of Reclaiming Urban Quarries: A CVM Analysis", Landscape and Urban Planning, Vol. 64, Issue 4, pp. 249-258, 2003.
63. Kaliampakos D., Mavropoulos A., Prousiotis J., "Abandoned mines as hazardous waste repositories in Europe", Proceedings of the 18th International Conference on Solid Waste Technology and Management, Philadelphia, PA U.S.A., 23-26 March 2003.

64. D. Damigos, D. Kaliampakos, "Environmental Economics and the Mining Industry: Monetary benefits of an abandoned quarry rehabilitation in Greece", *Environmental Geology*, Vol. 44, Number 3, pp. 356-362, June 2003.
65. Καλιαμπάκος Δ., Μπενάρδος Α., 2003, "Υπογειοποίηση δεξαμενών Περάματος: Μια νέα προσέγγιση στη μείωση επικινδυνότητας", Διημερίδα ΤΕΕ "Διαχείριση Επικινδυνότητας: Η εφαρμογή της οδηγίας Seveso I & II στη χώρα μας", 4-5 Νοεμβρίου, Αθήνα.
66. Kaliampakos D., Mavrikos A., "Underground development in Greece: history, current situation and trends", Proceedings of the 1st Conference on Sustainable Development & Management of the Subsurface, Utrecht, Netherlands, 5-7 November 2003.
67. Kaliampakos D., Menegaki M., "Hazardous waste repositories in underground mines. A possible solution to an ever pressing problem", Proceedings of the 1st Conference on Sustainable Development & Management of the Subsurface, Utrecht, Netherlands, 5-7 November 2003.
68. Δ. Καλιαμπάκος, Δ. Δαμίγος, "Τεχνικά Έργα και Επιπτώσεις από Εκπομπές Αιωρούμενων Σωματιδίων: Μελέτη Περίπτωσης", Τεχνικά Χρονικά, Επιστημονικές Εκδόσεις ΤΕΕ, Σειρά V: Θέματα Χημικού Μηχανικού και Μηχανικού Μεταλλείων – Μεταλλουργού, τ. 1-2, σελ. 31-42, Ιαν.-Δεκ. 2003.
69. Δ. Καλιαμπάκος, Α. Μαυρόπουλος, Ι. Προυσιώτης, "Αξιοποίηση εγκαταλελειμμένων μεταλλείων και λατομείων ως χώρων υγειονομικής ταφής στερεών αποβλήτων", Πρακτικά 1ου Συνεδρίου ΕΕΔΣΑ με θέμα: "Διαχείριση Στερεών Αποβλήτων για Βιώσιμη Ανάπτυξη στον 21ο αιώνα", Αθήνα, 28 Φεβρουαρίου - 1 Μαρτίου 2002.
70. K. Modis, D. Kaliampakos, D. Labrakis, "A new approach to surface roughness characterization after Blast – Cleaning using geostatistics", *Canadian Metallurgical Quarterly*, Vol. 41, No 2, pp. 243-248, April 2002.
71. D. Labrakis, G. Andronikos, D. Kaliampakos, "Evaluating abrasive minerals", *Industrial Minerals*, No 418, pp. 42-47, July 2002.
72. V. Protonotarios, N. Petsas, D. Damigos, D. Kaliampakos, A. Moutsatsou, "Levels, composition and origin of particulate matter (PM10 and TSP) in a former mining-industrial site at the city of Lavrion, Greece", Proceedings of the First International Conference on Waste Management and the Environment, pp. 363-372, Cadiz, Spain, 4-6 September 2002.
73. D.C. Kaliampakos, A.G. Benardos, A.A. Mavrikos, "Underground Storage Warehouses in Attica, Greece: A Feasible Long – Term Solution", ACUUS 2002, 9th International Conference, Urban Underground Space: A Resource for Cities, Torino, Italy, November 14-16, 2002.
74. E. K. Baliktsis, D.C. Kaliampakos, D. G. Damigos, "Blasting vibration limits to prevent human annoyance remarks from some case studies", *Mineral Resources Engineering*, Vol. 10, No 1, pp. 71-82, January – March 2001.
75. Β. Πρωτονοτάριος, Ν. Πέτσας, Α. Μουτσάτσου, Δ. Καλιαμπάκος, "Προσδιορισμός και κατανομή της συγκέντρωσης βαρέων και τοξικών μετάλλων σε δείγματα αιωρούμενων σωματιδίων βιομηχανικής περιοχής", Πρακτικά 3ου Πανελλήνιου Συνεδρίου Χημικής Μηχανικής, σελ. 933-936, Αθήνα, Ιούνιος 2001.
76. D. Damigos, D. Kaliampakos, "Economic valuation of mined land reclamation: An application of individual travel cost method in Greece", International Conference, Modern Management of Mine Producing, Geology and Environment Protection, SGEM, pp. 421-422, Varna, Bulgaria, 3-9 June 2001.
77. D. C. Kaliampakos, A.G. Benardos, A.A. Mavrikos, "Underground Oil Storage Perspectives in Greece", Proceedings of the International Symposium on Geotechnical Issues of Underground Space Use for Environmentally Protected World, pp. 333-337, Dniproproetrovsk, Ukraine, 26-29 June 2001.
78. Δ. Καλιαμπάκος, Δ. Δαμίγος, "Ειδικά προβλήματα αποκατάστασης του τοπίου σε λατομικούς χώρους", Τιμητική έκδοση για τον Ομότιμο Καθηγητή του Ε.Μ.Πολυτεχνείου Ιωάννη

Παπαγεωργάκη, Ε.Μ.Π., Τμήμα Μηχ. Μεταλλείων – Μεταλλουργών, Τομέας Γεωλογικών Επιστημών, σελ. 55 – 63. Εθνικό Μετσόβιο Πολυτεχνείο, Αθήνα 2001.

79. A.G. Benardos, D.C. Kaliampakos, J.G. Prousiotis, A.A. Mavrikos, K.A. Skoparantzos, "Underground aggregate mining in Athens: a promising investment plan", *Tunneling and Underground Space Technology*, Vol. 16, Issue 4 pp. 323-329, October 2001.
80. D.C. Kaliampakos, "Underground aggregate mining: International trends and perspectives", *Proceedings of the Tenth International Symposium on Mine Planning & Equipment Selection*, pp. 249-254, New Delhi, India, 19-21 November 2001.
81. D.C. Kaliampakos, M.E. Menegaki, "Bridging the Gap Between Quarrying Activity and the Public: A Case Study in Athens, Greece", *International Journal of Surface Mining, Reclamation and Environment*, Vol. 15, No. 4, pp. 257-266, 2001.
82. D. C. Kaliampakos, A.G. Benardos, "Quarrying and sustainable development in large urban centres: A contradiction in terms?", *CIM Bulletin*, Vol. 93, No 1040, pp. 86-89, May 2000.
83. D. Kaliampakos, D. Damigos, "Mining Regulation in Greece: Perspectives on its Environmental Performance", *Proceedings V International Conference on Clean Technologies for the Mining Industry*, pp. 271-277, Santiago, Chile, 9-13 May 2000.
84. Παναγόπουλος Α, Μπενάρδος Α., Καλιαμπάκος Δ., Κουμαντάκης Ι., Παναγόπουλος Κ., "Δυνατότητες αξιοποίησης εγκαταλειμμένων – ανενεργών μεταλλευτικών και λατομικών χώρων της Ελλάδας", *Πρακτικά 3ου Συνεδρίου Ορυκτού Πλούτου*, σελ. 247-253, Αθήνα, 22-24 Νοεμβρίου 2000.
85. Καλιαμπάκος Δ., "Εξέλιξη και προοπτικές της σχέσης Μεταλλευτική Δραστηριότητα - Περιβάλλον – Κοινωνία στην Ελλάδα", *Πρακτικά 3ου Συνεδρίου Ορυκτού Πλούτου*, σελ. 265-273, Αθήνα, 22-24 Νοεμβρίου 2000.
86. Μπενάρδος Α., Μαυρίκος Α., Προυσιώτης Ι., Σκοπαράντζος Κ., Καλιαμπάκος Δ., Παναγόπουλος Κ., "Τεχνικοοικονομική εφικτότητα της υπόγειας λατόμευσης αδρανών στην Αττική", *Πρακτικά 3ου Συνεδρίου Ορυκτού Πλούτου*, σελ. 553-559, Αθήνα, 22-24 Νοεμβρίου 2000.
87. D.C. Kaliampakos, K.D. Panou, D.G. Damigos, "Integrated Multicriteria and Cost – Benefit Analysis Methodology for Appraisal of After-use Plans for Quarries in Urban Areas", *International Mining and Minerals*, Vol. 2, No 15, pp. 67-74, March 1999.
88. A. Mavropoulos, D. Kaliampakos, "International Report: Uncontrolled landfill investigation – A case study in Athens", *Waste Management and Research*, Vol.17, No 2, pp. 159-164, April 1999.
89. D.C. Kaliampakos, A.G. Benardos, "Sustainable Aggregate Quarrying in Athens (Greece): Problems and Solutions", *Proceedings of Global Conference on Environmental Control in Mining and Metallurgy, GME '99*, pp. 108-114, Beijing, China, 24-27 May 1999.
90. D. Damigos, D. Kaliampakos, "Using Environmental Economics to Evaluate Quarry Rehabilitation Alternatives", *Proceedings of the 6th International Conference on Environmental Science and Technology*, Vol. B, pp. 514-521, Pythagorion, Samos, Greece, 30 August – 2 September 1999.
91. D. Kaliampakos, M. Menegaki, "Utilising Silicate Mining Wastes: A Case Study", *Proceedings of VIII Balkan Mineral Processing Conference*, pp. 683-688, Belgrade, Yugoslavia, 13-18 September 1999.
92. A. Mavropoulos, D. Kaliampakos, "Investigation Methodology For Uncontrolled Landfills", *Proceedings Sardinia 99, 7th International Waste Management and Landfill Symposium*, pp. 501-508, Cagliari, Italy, 4-8 October 1999.
93. Π. Τσακίρης, Ι. Τσώλας, Δ. Καλιαμπάκος, "Εκτίμηση του επιτοκίου προεξόφλησης στη βάση ανάλυσης δεδομένων της ελληνικής κεφαλαιαγοράς. Η περίπτωση των μεταλλουργικών επιχειρήσεων", *Τεχνικά Χρονικά, TEE*, τ. 1-2, σελ.19-29, 1999.
94. D. Kaliampakos, D. Damigos, "Quarry Rehabilitation in Attica", *Mining Environmental Management*, Vol. 6, No 1, pp. 13-14, January 1998.

95. D. Kaliampakos, D. Damigos, "Computer aided design of backfilling restoration following the original contour of mined land", 27th International Symposium on Computers Applications in the Mineral Industries, APCOM '98, pp. 47-52, London, U.K., 19-23 April 1998.
96. Δ. Καλιαμπάκος, Δ. Δαμίγος, Κ. Παναγόπουλος, I. Κουμαντάκης, "Αποκατάσταση ανενεργών λατομείων σε αστικές περιοχές. Η περίπτωση "Π. Βιαρόπουλου" Γαλατσίου", Ορυκτός Πλούτος, τ. 106, σελ. 29-37, Ιαν.- Μάρτ. 1998.
97. Δ. Καλιαμπάκος, M. Μπούργος, "Η παραγωγή χρωμάτων και πλαστικών προϊόντων στην Ελλάδα, ως αγορά πληρωτικών υλικών", Ορυκτός Πλούτος, τ. 107, σελ. 19-32, Απρ.-Ιούνιος 1998.
98. D. Kaliampakos, I. Bardani, M. Menegaki, "Environmental Impacts of Mining and Social Attitude: A view through the records", Proceedings of the International Conference "Protection and Restoration of the Environment IV", pp. 960-966, Halkidiki, Macedonia, Greece, 1-4 July 1998.
99. D. C. Kaliampakos, "Rehabilitation of an abandoned quarry used as uncontrolled landfill", International Journal of Surface Mining, Reclamation and Environment, Vol. 12, pp. 61-65, 1998.
100. K. Πάνου, A. Σοφιανός, Δ. Καλιαμπάκος, "Επιλογή μεταξύ σήραγγας και ορύγματος οδοποιίας σε περιβαλλοντικά ευαίσθητη περιοχή με τη χρήση της μεθόδου της αναλυτικής ιεράρχησης", Πρακτικά 3ου Πανελλήνιου Συνεδρίου Γεωτεχνικής Μηχανικής, σελ. 351-358, Πάτρα, 20-22 Μαρτίου 1997.
101. Δ. Καλιαμπάκος, "Η λατομική δραστηριότητα στην περιοχή του Αμβρακικού: Περιβαλλοντικές επιπτώσεις και δυνατότητες αποκατάστασης", 2ο Συνέδριο για την Προστασία και τη Διάσωση του Αμβρακικού, 11 -13 Ιουνίου 1997. (συν. 92).
102. K. Panou, D. Kaliampakos, I. Koumantakis, "Investigation of Stability Conditions in Uncontrolled Landfills: A New Approach", Proceedings of International Symposium on Engineering Geology and the Environment, Vol. 2, pp. 2069-2074, Athens, 23-27 June 1997.
103. K. Παναγόπουλος, Δ. Καλιαμπάκος, M. Γρόσσου – Βαλτά, Γ. Ανδρόνικος, Φ. Χαλκιοπούλου, "Αξιολόγηση των περιβαλλοντικών επιπτώσεων της ανοιχτής αμμοβολής με χρήση αποκαμινευμάτων - Ενολλακτικές μέθοδοι αντιμετώπισής τους", 5ο Συνέδριο Περιβαλλοντικής Επιστήμης και Τεχνολογίας, σελ. 416-424, Μόλυβδος Λέσβου, 1-4 Σεπτεμβρίου 1997.
104. K. Panagopoulos, D. Kaliampakos, M. Menegaki, I. Bardani, "Rehabilitation of the quarry of Akra Tourla, Salamina, Greece. A case study on the evaluation of reclamation alternatives", Proceedings of Mine Planning & Equipment Selection '97, pp. 915-920, Ostrava, Czech Republic, 3-9 September 1997.
105. G. Andronikos, L. Koumantaraki, D. Kaliampakos, "Implication of Land Use Planning Considerations in the Rehabilitation of Quarries in Urban Areas", Proceedings of Athens International Conference: Urban, Regional, Environmental Planning & Informatics to Planning in an Era of Transition, pp. 587-602, Athens, Greece, 22-24 Oct. 1997.
106. G. Andronikos, D. Labrakis, D. Kaliampakos, "Using Silica-Free Industrial Minerals as Expendable Blast-Cleaning Abrasives: The Case of the Crete Dolomite", Proceedings of SSPC '97, pp. 288-294, Διεθνές Συνέδριο, San Diego, USA, 16-21 Νοεμβρίου 1997.
107. D. Kaliampakos, D. Damigos, A. Benardos, "Environmental Management of an Aggregate Quarry: A complex case study", First International Conference on Information Technologies in the Minerals Industry (via the Internet), 1-12 December 1997.
108. D. Kaliampakos, A. Moutsatsou, J. Skotaras, "Comparative evaluation of the wastes of the marble quarries, as paint fillers", Transactions of the Institution of Mining and Metallurgy, Section C, Vol. 105, pp. 37-42, January – April 1996.
109. D. Kaliampakos, "Rehabilitation of abandoned quarry sites: How an expensive Activity can be transformed into a beneficial business", Proceedings of the International Conference Minerals, Metals & the Environment, pp. 463-473, 1996.
110. D. Kaliampakos, "Rehabilitation of abandoned quarry sites in urban districts", Proceedings SWEMP '96, Vol. 1, pp. 671-677, Cagliari, Italy, 7-11 October 1996.

111. Δ. Καλιαμπάκος, Κ. Παναγόπουλος, Ι. Κουμαντάκης, Α. Σοφιανός, “Η περιβαλλοντική σημασία της χρήσης υπογείων οδικών έργων: Η περίπτωση της Δ. Περιφερειακής Λεωφόρου Υμηττού”, ΚΕΔΕ Επιστημονική έκδοση, τεύχη 125-132, 1995-1996.
112. Κ. Παναγόπουλος, Δ. Καλιαμπάκος, Α. Μπενάρδος, “Δυνατότητες υπεδαφικής αποθήκευσης πετρελαίου. Σύγχρονες τάσεις, διεθνής εμπειρία”, Ημερίδα Τ.Ε.Ε., 6 Νοεμβρίου 1996.
113. K.Panagopoulos, D. Kalampakos, G. Andronikos, D.Damigos, “Erosion Control in Abandoned Quarries Reclamation”, First Conference on the Role of Engineering Towards Better Environment, RETBE ‘96, pp. 361-370, Alexandria, December 1996.
114. D. Kaliampakos, K. Panagopoulos, “Recovery of economic value from the marble wastes of Thassos Island, Greece”, Recovery, Recycling, Re-integration, EMPA – Swiss Federal Institute of Technology – Chalmer University of Technology – Swedish National and Research Institute, Geneva, Switzerland, International Congress Proceedings, Vol. II, pp. 187-192, February 1995.
115. Δ. Καλιαμπάκος, Η. Πετσάλας, “Επίδραση της χρήσης ανθρακικών πληρωτικών σε εφαρμογές μαλακού πολυβινυλοχλωριδίου (PVC)”, Ορυκτός Πλούτος, τ. 94, σελ. 13-20, Ιανουάριος – Μάρτιος 1995.
116. Δ. Καλιαμπάκος, “Δυνατότητες εφαρμογής ενός νέου μη μεταλλικού αποξεστικού υλικού σε επιφανειακές κατεργασίες της αεροπορικής βιομηχανίας”, Ημερίδα, “Ειδικές Επιφανειακές Κατεργασίες: Τεχνολογία και Εφαρμογή στην Ελλάδα”, ΤΕΕ, Αθήνα, 9 Μαρτίου 1995. (συν. 90).
117. Δ. Καλιαμπάκος, “Το περιβαλλοντικό πρόβλημα της Θάσου και η αξιοποίηση των παραπροϊόντων της εκμετάλλευσης μαρμάρου στην περιοχή”, Διημερίδα “Το μάρμαρο ως συντελεστής ανάπτυξης της περιοχής Δράμας - Καβάλας - Θάσου αλλά και της εθνικής οικονομίας”, ΤΕΕ- ΓΕΩΤΕΕ, Πρακτικά, Δράμα, Μάιος 1994. (συν. 89).
118. D. Kaliampakos, “A New Expandable Blast-Cleaning Abrasive Material: A comparative Study of the Stefani Dolomite”, Plating and Surface Finishing – Journal of the American Electroplaters and Surface Finishers Society, pp. 69 – 74, September 1994.
119. Δ. Καλιαμπάκος, Κ. Παναγόπουλος, “Applicability of the dolomitic marble wastes of Thassos Island as filler, for limiting the relative harmful environmental impacts”, Ορυκτός Πλούτος, τ. 92, σελ. 29-38, Σεπτέμβριος – Οκτώβριος 1994.
120. D. Kaliampakos, G. Andronikos, “Improvement of Blast-Cleaning Efficiency and Release of its Environmental Impacts by the Use of Mineral Abrasive Materials”, COMMET International Symposium “Innovative Ocean Technology and Environmental Protection”, Athens, 20-22 October 1994.
121. Δ. Καλιαμπάκος, “Δυνατότητες αξιοποίησης των στείρων των λατομείων δολομιτικού μαρμάρου της περιοχής Δράμας – Καβάλας – Θάσου ως πρώτη ύλη στην υαλουργία υψηλής ποιότητας”, 15ο Πανελλήνιο Συνέδριο Χημείας, Πρακτικά Συνεδρίου Α' τόμ., σελ. 59-63, Θεσσαλονίκη 1994.
122. Κ. Παναγόπουλος, Δ. Καλιαμπάκος, Γ. Ανδρόνικος, “Αμμοβολή: Παρόν και Μέλλον”, Μεταλλειολογικά - Μεταλλουργικά Χρονικά, σελ. 65-73, Οκτώβριος – Δεκέμβριος 1993.
123. Κ. Παναγόπουλος, Δ. Καλιαμπάκος, Γ. Ραζής, “Τα πληρωτικά και οι χρήσεις τους”, Ορυκτός Πλούτος, τ. 72, σελ. 17-26, 1991.
124. Κ. Παναγόπουλος, Δ. Καλιαμπάκος, Γ. Ραζής, “Παραγωγή πληρωτικού από Δολομίτη Στεφάνης”, Μεταλλειολογικά – Μεταλλουργικά Χρονικά, σελ. 65-73, Ιούλιος - Δεκέμβριος 1989.
125. Κ. Παναγόπουλος, Δ. Καλιαμπάκος, Α. Αφέντης, “Δολομίτης Στεφάνης- Ιδιότητες, Χρήσεις, Προοπτικές”, Β' Συνέδριο για τον Ορυκτό Πλούτο - ΤΕΕ, Πρακτικά Συνεδρίου, Α' Τόμος, σελ. 154-173, Αθήνα, 1987.

Participation in writing of 3 collective volumes.

- “Disposal of Hazardous Waste in Underground Mines: Basis, Analysis and Design”, Wessex Institute of Technology, 2006. Chapters 1 and 2.

- Proceedings of the 11th ACUUS International Conference, “Underground Space: Expanding the Frontiers”, National Technical University of Athens, 2007. Editor.
- Proceedings of the 1st International Conference, “Underground Spaces – Design, Engineering and Environmental Aspects”, Wessex Institute of Technology, 2008.

## **GRANTED PATENTS**

“Cleaning and preparing surfaces of ships or other metal bodies for staining through sandblast, by using dolomite of the Stefani area, prefecture of Viotia, Greece”, Greek Industrial Property Organization, patent number 1001560 – 24 March 1994. Regulated to D. Kaliampakos and K. Panagopoulos.

## **INVITED PRESENTATIONS TO INTERNATIONAL CONFERENCES**

40 invited presentations / speeches to international conferences and scientific meetings.

List of indicative conferences:

- “First International Conference on Waste Management and the Environment”. Cadiz, Spain, 4 – 6/9/2002.
- “Sustainable Development – Environment – Local societies”, Scientific meeting of the Greek Association of Mining Companies in cooperation with Eurometaux and Euromines. Athens, Greece 16/9/2003.
- International Conference on Innovation by Life Cycle Management (LCM). Barcelona, Spain, 5-7 September 2005.
- “International Conference on Underground Space”. Beijing, China, 18-19/11/2006.
- “1st International Conference on Underground Spaces – Design, Engineering and Environmental Aspects”. The New Forest, UK, 8-10/9/2008.

## **ORGANISATION OF INTERNATIONAL CONFERENCES**

Cooperation in the organization of 14 international conferences, as a member of the organizing or the scientific committee.

List of some of the main conferences organized:

- First International Conference on Environmental Economics and Investment, Mykonos, Greece, 13 - 15 September 2006. Member of the International Scientific Committee.
- International Conference on Underground Space, Beijing, China, 18 – 19 November 2006. Vice – president of the International Scientific Committee.
- First International Conference on the Management of Natural Resources, Sustainable Development and Ecological Hazards, Bariloche, Argentina, 12 - 14 December 2006. Member of the International Scientific Committee.
- 11th ACUUS International Conference, Underground Space: Expanding the Frontiers, 10-13 September 2007, Athens, Greece. President of the Organizing Committee.

## **MEMBERSHIPS TO EDITORIAL BOARDS OF INTERNATIONAL JOURNALS**

Participation in papers review in the following international journals:

1. Journal of Environmental Engineering (JEE), ed. Recycling of Waste Materials in Construction.
2. Surface and Coatings Technology, Elsevier editions
3. Fuel, Elsevier editions
4. Tunelling and Underground Space Technology, Elsevier editions
5. Landscape and Urban Planning, Elsevier editions

**6. Journal of Environmental Management**, Elsevier editions

Member of the International Editorial committee of the book series “The Sustainable World”, published by the Wessex Institute of Technology.

**AFFILIATIONS**

- Member of the Technical Chamber of Greece
- Vice-President of the Associated Research Centers for Urban Underground Development (ACUUS)