

B. ΣΚΩΡΙΑ ΧΑΛΥΒΟΥΡΓΙΑΣ

1. Akinmusuru, J.O. (1991). Potential beneficial uses of steel slag wastes for civil engineering purposes. *Resources, Conservation and Recycling*, Vol. 5, pp 73-80.
2. Anastasiou, E. & Papayianni, I. (2005). Criteria for the use of steel slag as aggregate in concrete production. *Proceedings of the 16th European Conference of Fracture*, 31st October 2005, Alexandroupoli.
3. Babu, K.G. & Kumar, V.S.R. (2000). Efficiency of GGBS in concrete. *Cement and Concrete Research*, Vol. 30, pp 1031-1036.
4. Båverman, C. & Aran, F.A. (1997). A study of the potential of utilizing electric arc furnace slag as filling materials in concrete. *Studies in Environmental Science*, Vol. 71, pp. 373-376.
5. Beshr, H., Almusallam, A.A. & Maslehuddin, M. (2003). Effect of coarse aggregate quality on the mechanical properties of high strength concrete. *Construction and Building Materials*, Vol. 17, pp 97-103.
6. Bialucha, R. (2005). New regulations in the field of environmental affairs. *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 221-232.
7. Bowden, L.I., Younger, P.L., Robinson, H., Ghazireh, N. & Johnson, K.L. (2005). The sustainable use of basic oxygen steel slag (BOS) to treat contaminated waters. *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 267-280.
8. British Geological Survey (2008). *European Minerals Statistics 2002-2006*. Nottingham: Keyworth.
9. Chaurand, P., Rose, J., Domas, J. & Bottero, J.Y. (2006). Speciation of Cr and V within BOF steel slag reused in road constructions. *Journal of Geochemical Exploration*, Vol. 88, pp 10-14.
10. Coventry, S., Woolveridge, C. & Hillier, S. (1999). *The reclaimed and recycled construction materials handbook*. London: CIRIA, DETR.
11. Cresdee, C. (2007). Slag pavements in the Hunter. Presented at *The 2007 ASA conference on Sustainability and Slag*, May 4th 2007, Sydney, Australia.
12. Croxton, D. (1910). Method of handling slag. *Patent No. 959720*, USA.
13. da Silva, M.G., da Silva, V.G. & Lana, P. (2005). Ferrous slags in Brasil: Production, use and environmental aspects. *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 233-246.
14. da Silveira, N.O., Silva, M.V.A.M., Agrizzi, E.J. & de Lana, M.F. (2005). ACERITA – Steel slag with reduced expansion potential. *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 145-157.
15. Deneele, D., de Larrard, F., Rayssac, E. & Reynard, J. (2005). Control of basic oxygen steel slag swelling by mixing with inert material. *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 187-198.
16. DETR (2000). *Waste Strategy 2000 England and Wales Part 1*. Department of the Environment, Transport and the Regions, United Kingdom.
17. Drissen, P. (2007). Binding of trace elements in steel slags. *Proceedings of the 5th European Slag Conference: Slag Products-Providing Sustainable Solutions for the Built Environment*. 19th-21st September 2007, Luxembourg: Euroslag Publication No. 4, pp 217-227.
18. Emery, J.J., Drysdale, R.G. & Nicholson, P.S. (1973). Steel slag asphalt mixes. *Canadian Technical Asphalt Association Proceedings*.
19. Emery, J.J. (1975). Waste and byproduct utilization in highway construction. *Resource, Recovery and Conservation*, Vol. 1, pp 25-43.
20. Emery, J.J. (1982). Slag Utilization in Pavement Construction. In *Extending Aggregate Resources*, by Hotaling, W.W., ASTM STP 774, pp 95-118.

21. Emery, J.J. (1984). Resource conservation in the iron and steel industry worldwide. *Resources and Conservation*, Vol. 11, pp 143-152.
22. Freeman, P.J. (1918). Tests of Blast Furnace Slag as the Coarse Aggregate in Concrete. *ACI Journal Proceedings*, Vol. 14, No. 6, pp 95-99.
23. Haimi, S. (2005). Slag; product or waste – the present situation. *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 211-220.
24. Hatscher, N. (2007). Consequences of the REACH-Regulation. *Proceedings of the 5th European Slag Conference: Slag Products-Providing Sustainable Solutions for the Built Environment*. 19th-21st September 2007, Luxembourg: Euroslag Publication No. 4, pp 7-11.
25. Higgins, D.D., Kinuthia, J.M. & Wild, S. (1998). Soil stabilization using lime-activated ground granulated blast furnace slag. *ACI Special Publication*, Vol. 178, pp 1057-1074.
26. Hogan, F.J. & Meusel, J.W. (1981). Evaluation for durability and strength development of a ground granulated blast furnace slag cement. *Cement, Concrete, and Aggregates*, Vol. 3, No.2
27. Hooley, E.P. (1904). Apparatus for the preparation of tar macadam. *Patent No. 765975*, USA.
28. Huang, Y., Bird, R.N. & Heidrich, O. (2007). A review of the use of recycled solid waste materials in asphalt pavements. *Resources, Conservation and Recycling*, Vol. 52, pp 58-73.
29. IISI (2008) *Steel Statistical Yearbook*. Ανακτήθηκε το Φεβρουάριο του 2009 από International Iron and Steel Institute: <http://www.worldsteel.org>
30. ISSB (2008). *UK Steel Key Statistics*. Iron and Steel Statistics Bureau, UK. Ανακτήθηκε το Φεβρουάριο του 2009 από UK Steel: <http://www.eef.org.uk/>
31. Joost, M. (2007). Three years of factory production control for aggregates. *Proceedings of the 5th European Slag Conference: Slag Products-Providing Sustainable Solutions for the Built Environment*. 19th-21st September 2007, Luxembourg: Euroslag Publication No. 4, pp 55-64.
32. Khan, M.I. & Wahhab, H.I.A. (1998). Improving slurry seal performance in Eastern Saudi Arabia using steel slag. *Construction and Building Materials*, Vol. 12, pp 195-201.
33. Kourounis, S., Tsvivilis, S., Tsakiridis, P.E., Papadimitriou, G.D. & Tsibouki, Z. (2007), Properties and hydration of blended cements with steelmaking slag. *Cement and Concrete Research*, Vol. 37, pp 815-822.
34. Kujala, K. (2005). Use of industrial co-products in civil engineering. *Proceedings of the 5th European Slag Conference: Slag Products-Providing Sustainable Solutions for the Built Environment*. 19th-21st September 2007, Luxembourg: Euroslag Publication No. 4, pp 63-70.
35. Lee, A.R. (1974). *Blast Furnace and Steel Slag*. London: Edward Arnold.
36. Luxan, M.P., Sotolongo, R., Dorrego, F. & Herrero, E. (2000). Characteristics of slags produced in the fusion of scrap steel by electric arc furnace. *Cement and Concrete Research*, Vol. 30, pp 517-519.
37. Manso, J.M., Polanco, J.A., Losañez, M. & Gonzalez, J.J. (2006). Durability of concrete made with EAF slag as aggregate. *Cement & Concrete Composites*, Vol. 28, pp 528-534.
38. Maslehuddin, M., Sharif, A.M., Shameem, M., Ibrahim, M. & Barry, M.S. (2003). Comparison of properties of steel slag and crushed limestone aggregate concretes. *Construction and Building Materials*, Vol. 17, pp 105-112.
39. Mather, B. (1957). Laboratory tests of blast-furnace slag cements. *ACI Journal Proceedings*, Vol. 54, No. 9, pp 205-232.
40. Matsunaga, H., Kogiku, F., Takagi, M., Tanishiki, K. & Nakagawa, M. (2004). Environment-Friendly Block Made from Steel Slag. *Proceedings of the Eighth CANMET/ACI International Conference on Fly Ash, Silica Fume, Slag, and Natural Pozzolans in Concrete*. Edited by Malhotra, V.M., 23rd-29th May 2004, Las Vegas, USA, pp 457-470.
41. Merkel, Th. (2007). New field of application – Steel slag for railway tracks. *Proceedings of the 5th European Slag Conference: Slag Products-Providing Sustainable Solutions for the Built Environment*. 19th-21st September 2007, Luxembourg: Euroslag Publication No. 4, pp 65-76.
42. Monshi, A. & Asgarani, M.K. (1999). Producing Portland cement clinker from iron and steel slags and limestone. *Cement and Concrete Research*, Vol. 29, pp 1373-1377.
43. Montgomery, D.G. & Wang, G. (1991). Instant-chilled steel slag aggregate in concrete – strength related properties. *Cement and Concrete Research*, Vol. 21, pp 1083-1091.

44. Montgomery, D.G. & Wang, G. (1992). Instant-chilled steel slag aggregate in concrete – fracture related properties. *Cement and Concrete Research*, Vol. 22, pp 755-760.
45. Motz, H. & Geiseler, J. (2001). Products of steel slags an opportunity to save natural resources. *Waste Management*, Vol. 21, pp 285-293.
46. Nakagawa, M. (2007). The current state of the use of iron and steel slag products in Japan. *Proceedings of the 5th European Slag Conference: Slag Products-Providing Sustainable Solutions for the Built Environment*. 19th-21st September 2007, Luxembourg: Euroslag Publication No. 4, pp 167-179.
47. Nippon Slag Association (2006). *The Slag Sector in the Steel Industry*. Ανακτήθηκε το Φεβρουάριο του 2009 από Nippon Slag Association: <http://www.slg.jp/>
48. NSA (2001). *Steel slag – a premier construction aggregate*. Ανακτήθηκε το Φεβρουάριο του 2009 από National Slag Association: <http://www.nationalslag.org>
49. ODPM (2002). *Survey of arisings and use of secondary materials as aggregates: 2001*. Office of the Deputy Prime Minister, United Kingdom.
50. Papayianni, I. & Anastasiou, E. (2003). Concrete incorporating high volumes of industrial by-products. *Proceedings of the International Conference Celebrating Concrete: People and Practice*, 3rd-4th September 2003, Dundee, Scotland.
51. Papayianni, I. & Anastasiou, E. (2005). Optimization of ladle furnace slag for use as a supplementary cementing material. *Proceedings of the 16th European Conference of Fracture*, 31st October 2005, Alexandroupoli
52. Qing, Y., Huxing, C., Yuqing, W., Shangxian, W. & Zonghan, L. (2004). Effect of MgO and gypsum content on long-term expansion of low heat Portland slag cement with slight expansion. *Cement and Concrete Composites*, Vol. 26, pp 331-337.
53. Ramachandran, V.S. (1981). *CBD-215. Wastes and By-Products as Concrete Aggregates*. Canada: National Research Council.
54. Ramaswamy, S.D., Kheok, S.C. & Tanaboriboon, Y. (1988). Study on utilization of steel slag as ballast material. *Proceedings of the Symposium on Environmental Geotechnics and Problematic Soils and Rock*. December 1985, Bangkok, Thailand. Edited by Balkema, A.A, Rotterdam, pp 255-260.
55. Rex, M. (2005). The use of BF, converter and ladle slags in European agriculture – benefits or risks? *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 51-62.
56. Roads and Traffic Authority (1993). *A Guide to the Use of Slag in Roads*. New South Wales and Australasian Slag Association.
57. Setien, J., Hernandez, D. & Gonzalez, J.J. (2009). Characterization of ladle furnace basic slag for use as a cementitious material. *Construction and Building Materials*, Vol. 23, No. 5, pp 1788-1794.
58. Shi, C. & Hu, S. (2003). Cementitious properties of ladle slag fines under autoclave curing conditions. *Cement and Concrete Research*, Vol. 33, pp 1851-1856.
59. Shi, C. & Qian, J. (2000). High performance cementing materials from industrial slags – a review. *Resources, Conservation and Recycling*, Vol. 29, pp 195-207.
60. Shi, C. (2002). Characteristics and cementitious properties of ladle slag fines from steel production. *Cement and Concrete Research*, Vol. 32, No. 3, pp 459-462.
61. State of Ohio (2002). *Quality control requirements for steel slag aggregate producer/ processors*. Supplement 1071, Department of Transportation, State of Ohio, USA.
62. Swamy, R.N. (1993). Fly ash and slag: standards and specifications – help or hindrance? *Materials and Structures*, Vol. 26, pp 600-613.
63. Thompson, S.E. (1917). Slag as a Concrete Aggregate. *ACI Journal Proceedings*, Vol. 13, No. 2, pp 107-116.
64. Tossavainen, M., Engström, F., Menad, N. & Yang, Q. (2005). Stability of modified steel slags. *Proceedings of the 4th European Slag Conference: Slag Products-Providing Solutions for Global Construction and other Markets*. 20th-21st June 2005, Oulu, Finland: Euroslag Publication No. 3, pp 247-255.
65. Tossavainen, M., Engström, F., Yang, Q., Menad, N., Lidstrom Larsson, M. & Bjorkman, B. (2007). Characteristics of steel slag under different cooling conditions. *Waste Management*, Vol. 27, pp 1335-1344.

66. Trezona, J. (2007). Sustainability & Slag. Contractor's Issues. Presented at the 2007 ASA conference on Sustainability and Slag, May 4th 2007, Sydney, Australia.
67. Tsakiridis, P.E., Papadimitriou, G.D., Tsvivilis, S. & Koroneos, C. (2008). Utilization of steel slag for Portland cement clinker production. *Journal of Hazardous Materials*, Vol. 152, No. 2, pp 805-811.
68. U.K. Highways Agency (2003). *Building Better Roads: Towards Sustainable Construction*. Highways Agency, United Kingdom.
69. U.S. Geological Survey (2007) *Mineral Commodity Summaries*, USGS.
70. UKQAA (2002) Environment & Sustainability Issues Summary. Ανακτήθηκε το Φεβρουάριο του 2009 από United Kingdom Quality Ash Association: <http://www.ukqaa.org.uk>
71. Uppot, J.O. (1984). Structural fill of steel slag caused heave of a building. *Proceedings of the International Conference on Case Histories in Geotechnical Engineering*. 6th-11th May 1984, Rolla, Missouri, USA.
72. van Oss, H. (2003). Slag – Iron and Steel. In *U.S. Geological Survey Minerals Yearbook V.1*. USGS, Reston, VA, USA.
73. Wang, G. & Emery, J. (2004). Technology of slag utilization in highway construction. Presented at the 2004 Annual Conference of the Transportation Association of Canada. Quebec City, Canada.
74. Wu, S., Xue, Y., Ye, Q. & Chen, Y. (2007). Utilization of steel slag as aggregates for stone mastic asphalt (SMA) mixtures. *Building and Environment*, Vol. 42, pp 2580-2585.
75. Wu, X., Zhu, H., Hou, X. & Li, H. (1999). Study on steel slag and fly ash composite Portland cement. *Cement and Concrete Research*, Vol. 29, pp 1103-1106.
76. Αναστασίου, Ε. & Παπαγιάννη, Ι. (2005). Κανονιστικό πλαίσιο για τη χρήση σκωριών χαλυβουργίας ως αδρανών στην παραγωγή σκυροδέματος. *Πρακτικά 1ου Πανελληνίου Συνεδρίου για την Αξιοποίηση Βιομηχανικών Παραπροϊόντων στη Δόμηση*. Επιμέλεια έκδοσης Παπαγιάννη, Ι. & Τσίμας Σ., 24-26 Νοεμβρίου 2005, Θεσσαλονίκη: ΕΒΙΠΑΡ.
77. Αναστασίου, Ε. & Παπαδόπουλος, Λ. (2000). Έλεγχος καταλληλότητας των σκωριών (αποκαμινευμάτων χαλυβουργίας) για την παραγωγή σκυροδεμάτων (RCC) ειδικών εφαρμογών. Διπλωματική Εργασία, Τμήμα Πολιτικών Μηχανικών Α.Π.Θ., Θεσσαλονίκη.
78. Δαγγίλας, Δ., Ζαχαριάδης, Ο. & Ιωάννου, Κ. (1994) Χρήση σκωριών σιδηρουργίας για την κατασκευή βάσεων και υποβάσεων σταθεροποιημένων με τσιμέντο. Διπλωματική Εργασία, Τμήμα Πολιτικών Μηχανικών Α.Π.Θ., Θεσσαλονίκη
79. Μουρατίδης, Α. & Κεχαγιά, Φ. (2005). Χρήση σκωριών χαλυβουργίας σε αντιολισθηρούς τάπητες. *Πρακτικά Ημερίδας Εργαστηρίου Οδοποιίας ΑΠΘ*, Μάιος 2004.
80. Νικολαΐδης, Α.Φ., Μάνθος, Ε. & Σαραφείδου, Μ. (2005). Ισοδύναμο άμμου και μπλε του μεθυλενίου αδρανών υλικών οδοποιίας. *Πρακτικά 2^{ου} Πανελληνίου Συνεδρίου Οδοποιίας ΤΕΕ*, 18-20 Μαΐου 2005, Βόλος.
81. Παπαγιάννη, Ι., Αναστασίου, Ε., Ζάμπογλου, Δ. & Χαριτάκης, Μ. (2005). Χρήση σκωριών χαλυβουργίας στην παραγωγή κυβόλιθων οδοστρωσίας. *Πρακτικά 1ου Πανελληνίου Συνεδρίου για την Αξιοποίηση Βιομηχανικών Παραπροϊόντων στη Δόμηση*. Επιμέλεια έκδοσης Παπαγιάννη, Ι. & Τσίμας Σ., 24-26 Νοεμβρίου 2005, Θεσσαλονίκη: ΕΒΙΠΑΡ.
82. Πραπίδης, Α., Ντούλης, Γ. & Ζωτιάδης, Β. (2005). Χρήση σκωριών σε αντιολισθηρά ασφαλτομίγματα βάσει μηχανικών & περιβαλλοντικών κριτηρίων. *Πρακτικά Heleco '05*. 3-6 Φεβρουαρίου 2005, Αθήνα: ΤΕΕ.
83. ΣΜΕ (2008). *Ετήσιος Απολογισμός 2007*. Ανακτήθηκε το Φεβρουάριο του 2009 από Σύνδεσμος Μεταλλευτικών Επιχειρήσεων: http://66.165.120.21/activities2007_gr.htm
84. Τσούτσικα, Π., Σολδάτος, Τ., Τσιραμπίδης, Α. & Κορωναίος, Α. (2005). Συσχέτιση πετρογραφικών και φυσικομηχανικών ιδιοτήτων αδρανών πετρωμάτων που χρησιμοποιούνται στην οδοποιία. *Πρακτικά 2^{ου} Συνεδρίου της Επιτροπής Οικονομικής Γεωλογίας, Ορυκτολογίας & Γεωχημείας*. Οκτώβριος 2005, Θεσσαλονίκη, σελ. 377-386.
85. Τσώχος, Γ. (2004). Χρήση Βιομηχανικών Παραπροϊόντων και Εναλλακτικών Υλικών στην Οδοποιία. *Πρακτικά Ημερίδας Εργαστηρίου Οδοποιίας ΑΠΘ*, Μάιος 2004.