

References

1. Amokrane, A., Comel, C., Veron, J., 1997, Landfill leachates pre-treatment by coagulation flocculation. *Wat. Res.* 31 (11), 2775-2782.
2. Barlishen, K.D. & Baetz, B.W., 1996, Development of a decision support system for municipal solid waste management systems planning, *Waste Management & Research*, 14, 71-86
3. Basri, H., 1998, An Expert System For the Conceptual Designing of Sanitary Landfill Operation, *Journal of Solid Waste Technology and Management*, Vol. 25, No.3,4
4. Basri, H.B., Stentiford, E.L., 1994, Expert Systems in Solid Waste Management, *Waste Management Research*, pp 67-89
5. Bingemer, H.G., and Crutzen, P.J. (1997). The production of methane from solid wastes, *J. Geophys. Res.* B, 92(D2), 2181-2187
6. Catherine M.A. Geslain- Lancelle, Annie P. Soyeux, and Max H. Feinberg, Expert System for Food Labeling, Computer- based system proposes food names and designs labels based on the regulations, *Food Technology* – April 1989
7. Catherine M.A. Geslain- Lancelle, Annie P. Soyeux, and Max H. Feinberg, Expert System for Food Labeling, *Food Technology*- April 1989
8. Chapman, R.E., & Yakowitz, H., 1984, Evaluating the risks of solid waste management programs: A suggested approach. *Resources and Conservation* 11, 77-94
9. Charniak, E & McDermott, D – “Introduction to Artificial Intelligence”. Addison Wesley, 1985
10. Cheremisinoff Nicholas P., *Handbook of Solid Waste Management and Waste Minimization Technologies*, 2003, Elsevier Science – USA, Butterworth- Heinemann Publication
11. Cheremisinoff Nicholas P., *Handbook of Solid Waste Management and Waste Minimization Technologies*, 2003, Elsevier Science – USA, Butterworth- Heinemann Publication
12. Clapham, W.B., Jr. (1987) RECYCLE: A computerized planning tool to improve municipal solid waste management. *Ohio Journal of Science* 86, 189-199
13. Corea F.M.R., 1993, *Artificial Intelligence in Process Supervision and Control*

14. Coropcioglu M.Y. and Sancez I., Ertan Durmusoglu, Settlement Rates During Consolidation of MSW Samples, Workshop on Sustainable Landfill Management, 2003, Chennai, India, pp 133-136
15. Crawford, J.F., Smith, P.G., 1985. Landfill Technology. Butterworths, London
16. Database of municipal solid waste in Sri Lanka, Ministry of Environment and Natural Resources, January 2005
17. Dokas, I.M., 2005, Loma: A Web-Based Expert System For Accident Prevention In Sanitary Landfills, York University, 2005
18. Doukidis Georgios I., Whitley Edgar A., Developing Expert Systems, Chartwell-Bratt(Publishing and Training)Ltd, 1988
19. Ehrig, H.J., 1984, Treatment of Sanitary Landfill Leachate: Biological Treatment, Waste Manage. Res. 2, 131-152.
20. El-Fadel M. and Khoury R., Modeling Settlement in MSW Landfills: a Critical Review, Critical Reviews in Environmental Science and Technology, 2000
21. Environmental Impact Assessment for a Proposed Sanitary Landfill, Alupotha Division-Salawa Estate, Colombo Environmental Improvement Project and Colombo Municipal Council, November 1997.
22. EPA 2000, A collection of solid waste resources CD, EPA 530-C-00-003, Fall Edition
23. Fernando V.I.S.C.K., In Vessel Composting of Urban Solid Waste, July 2004
24. George Tchobanoglous, Hilary Theisen, Samuel A. Vigil, Integrated Solid Waste Management – Engineering Principles and Management Issues, McGraw-Hill series in water resources and environmental engineering, 1993
25. Gupta, U. 1991. Validating and verifying knowledge-based systems. IEEE Computer Society Press. Washington, DC. 423 pages
26. Hasit, Y. & Warner, D.B.,1981, Regional solid waste planning with WRAP. Journal of the Environmental Engineering Division (ASCE) 107, 511-526
27. Integrated Solid Waste Management: a Life Cycle Inventory, Forbes McDougall, Peter White, Marina Franke, Peter Hindle, 2nd Edition, 2001, Blackwell Science Ltd. Publishing, Blackwell Publishing Company
28. Jayawardhana H.M.L.C., Development of an Expert System for Better Management of Solid Waste Composting by Pradeshiya Sabhas in Sri Lanka, 2002

29. Jayawardhana, H.M.L.C ,2001, Development of an Expert System for Better Management of Solid Waste Composting by Pradeshiya Sabhas in Sri Lanka,
30. Jenkins, L., 1982, Developing a solid waste management model for Toronto. INFOR 20, 237-247
31. Josef Traenkler, Water Management of Landfills in Tropical Countries, Short course on integrated solid waste management, 2001, Aug Kandy.
32. Kang, K.H., Shin, H.S., Park, H., 2002. Characterization of humic substances present in landfill leachates with different landfill ages and its implications. Wat. Res.36 (16), 4023-4032
33. Kulmer, J. & Harrington, J.J., 1975, Mathematical models for developing regional solid waste management policies. Engineering Optimization 1, 237-256
34. Kurian Joseph, Siting of Municipal Solid Waste Landfill, Short course on Integrated Solid Waste Management, Aug 2001 Kandy
35. Landry, M., Malouin, J.L. & Oral, M. (1983) Model validation in operations research. European Journal of Operational Research 14, 207-220
36. Light, G.L., University of Maryland, Sri Lanka, 1990, Municipal solid waste management: A review of programs and issues for developing countries. Water and Sanitation Paper Series (DP No. 6), UNDP-World Bank Water and Sanitation Program, Washington D.C., U.S.A
37. Manamperi, A., Jayawardhana, L.C., De Alwis, A., Pilapitiya, S., Development Of An Expert System For Landfilling Applications In Sri Lanka, Second IFIP Conference on Artificial Intelligence Applications and Innovations, Beijing, China, September 7-9, 2005
38. Manual on Municipal Solid Waste Management, The Government of India Ministry of Urban Development, May 2000
39. Michie, M., 1982, Introductory Readings in Expert Systems, Gordon & Breach Science Pub., New York
40. Mohsen, M.F.N., Farquhar, G.J., and Kouwen, N. (1978), Modeling methane migration in soil, Appl. Math. Model., 2(12), 294-301
41. Moore, C.A., Rai, I.S., and Alzaydi, A.A.(1979). Methane migration around sanitary landfills. J. Geotech. Eng. Div., Am. Soc. Civ. Eng., 105(GT2), 131-144
42. Mortan A. Barlaz, Alix P. Rooker, Peter Kjeldsen, Mohammed A. Gabr, and Robert C. Borden, Critical Evaluation of Factors Required to Terminate the

Postclosure Monitoring Period at Solid Waste Landfills, Environmental Science & Technology, Vol 36, No. 16, pp 3457-3463, 2002

43. Nastev M., Therren R., Lefebvre R., Gelinis P., Gas production and migration in landfills and geological materials, Journal of Contaminant Hydrology 1095(2001)xxx
44. Nastev M., Therren R., Lefebvre R., Gelinis P., Gas production and migration in landfills and geological materials, Journal of Contaminant Hydrology 1095(2001)xxx
45. Nozhevnikova, A.N., Lifshitz, A.B., Lebedev, V.S., and Zavarzin, G.A. (1993) , Emission of methane into the atmosphere from landfills in the former USSR, Chemosphere, 26(1-4), 401-417
46. O'Keefe, R. M, Balci, O, Smith, E P – “ Validating Expert System Performance”, IEEE Expert, Winter 1987
47. Perera L.A.K., Achari G., and Hettiarachchi J.P.A, Determination of Source Strength of Landfil Gas: A Numerical Modeling Approach, Journal of Environmental Engineering, 2002
48. Pham D.T., Onder H.H. , 1992, A knowledge-based System for Optimizing Workplace Layouts using a Generic Algorithm, ERGONOMICS 35, pp.1479-1487, 1992
49. Pham D.T., Oztemel E., 1995, Journal of Engineering Manufacture 209, pp. 91-97, 1995
50. Rajakaruna C.S., Designing, Construction and Evaluation of an Engineered Sanitary Landfill, 2000
51. Rautenbach, R., Mellis, R., 1994. Waste water treatment by a combination of bioreactor and nanofiltration. Desalination 95, 171-188
52. Reinhart, D.R.; Grosh, C.J., Analysis o Florida MSW Landfill Leachate Quality; Report #97-3; Florida Centre for Solid and Hazardous Waste Management: Gainesville, FL, 1998.
53. Reinhart, D.R.; Townsend, T.G. Landfill Bioreactor Design and Operation; Lewis Publishers: New York, 1998
54. Roling W.F.M., van Breukelen B.M., Braster M., Goeltom M.T., Groen J., van Verseveld H.W., Analysis of microbial communities in a landfill leachate polluted aquifer using a new method for anaerobic physiological profiling and 16s rDNA based fingerprinting, Microbial Ecology, 2000, 40 : (177-188
55. Rushbrook, P., 1987, The benefits of forward planning and the role of computer assistance. Presented at the HARBINGER Symposium, Llandrindod Wells, U.K., June 2. 1987



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

56. Tatsi, A.A., Zouboulis, A.I., Matis K.A., Smaras P., Coagulation-flocculation pretreatment of sanitary landfill leachates, *Chemosphere* 53 (2003) 737-744
57. Tatsi, A., Zouboulis, A., 2002., A field investigation of the quantity and quality of leachate from a municipal solid waste landfill in a Mediterranean climate., *Adv. Environ. Res.* 6, 207-219
58. The Evaluation of KBS Prototypes: A Practical Case, E. Tovar and J. Cardeñosa, (Spain), From Proceeding (403) *Artificial Intelligence And Applications - 2003*
59. The Study on Improvement of Solid Waste Management in Secondary Cities in Sri Lanka, Draft Final Report, Japan International Cooperation Agency/Ministry of Home Affairs, Provincial Councils and Local Government- Democratic Socialist Republic of Sri Lanka, October 2003
60. Thomas, B., Tamblyn, D. & Bactz, B.W., 1990, Expert systems in municipal solid waste management planning. *Journal of Urban Planning and Development (ASCE)*, 116, 150-155
61. Wilson, D.C., 1977, Strategy evaluation in planning of waste management to land – a critical review of the literature. *Applied Mathematical Modeling* 1, 205-217
62. Wilson, D.C., Pugh, M.P., Bradley, V.H. & Hoare, R.W.M., 1984, The Harwell waste management model and its development in Hong Kong. Presented at the International Solid Wastes and Public Cleansing Association Congress, Philadelphia, Pennsylvania, U.S.A., September 15-20, 1984
63. Internet1:<http://www.se.gov.sk.ca/environment/protection/air/Health%20effects%20burning.pdf>
64. Internet2:http://www.Umanitoba.ca/faculties/science/geological_sciences/faculty/sherriff/website/239/2005/waste.management.05.htm
65. Internet3:<http://europa.eu.int/comm/environment/wasteinc/index.htm>
66. Internet4: <http://japan.recycle.net/a/view/7080.html>
67. Internet5: <http://www.fao.org/doerep/field/383685.htm>
68. Internet6:http://www.dr-koelsch.de/html/landfill_stability.html
69. Internet7: <http://www-formal.stanford.edu/jmc/whatisai/node1.html>
70. Internet8: <http://www-formal.stanford.edu/jmc/whatisai/node1.html>
71. Internet9: <http://www-formal.stanford.edu/jmc/whatisai/node1.html>

72. Internet10: <http://www-formal.stanford.edu/jmc/whatisai/node2.html>
73. Internet 11: <http://www.aiinc.ca/information/es.shtml>
74. Internet12: <http://www-formal.stanford.edu/jmc/whatisai/node3.html>
75. Internet13: <http://www.aiinc.ca/information/es.shtml>
76. Internet14:http://www.scisoftware.com/products/solid_waste_overview/solid_waste_overview.html
77. Internet15: <http://loma.civil.duth.gr/>
78. Internet 16: <http://www.ericdigests.org/pre-9220/expert.htm>
79. Internet17:<http://www.expertise2go.com/webesie/tutorials/ESIntro/ESIntro17.htm>
80. Internet 18: www.aiinc.ca
81. Internet 19: <http://www.aiinc.ca/acquire/methodology.shtml>
82. Internet20:<http://www.expertise2go.com/webesie/tutorials/ESIntro/ESIntro18.htm>
83. Internet21: <http://www.glg.net/clips/WhatsCLIPS.html>
84. Internet 22: <http://www.aiinc.ca/acquire/methodology.shtml>
85. Internet 23: <http://www.expertise2go.com/webesie/tutorials/ESIntro/>
86. Internet 24: http://www.wtcc.org/loyola/kb/c3_s2.htm
87. Internet 25: <http://www.ericdigests.org/pre-9220/expert.htm>
88. Internet 26: <http://www.ericdigests.org/pre-9220/expert.htm>
89. Internet 27: www.aiinc.ca
90. Internet 28:http://swan.msu.montana.edu/soj/study_plan_swan.html
91. Internet 29: <http://ideas.repec.org/p/wpa/wuwpeo/0510002.html>
92. Internet 30: <http://www.tfhrc.gov/advanc/vve/vve6.htm>
93. Internet31:http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=8591370&dopt=Abstract



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

