

6 REFERENCES

- Abaza, K. A., and Murad, M. M. (2007) Dynamic Probabilistic Approach for Long-Term Pavement Restoration Program with Added User Cost. In Transportation Research Record: Journal of Transportation Research Board, No. 1990, TRB, Washington, D.C., pp.48-56.
- Anderson, M. D. and J. P. A Wilson (2006). "Pavement Management System for County Roads" The Proceedings of the 10th National Conference on Transportation Planning for Small and Medium-Sized Communities, Nashville, TN.
- Asian Development Bank (2018)Compendium of Best Practices In Road Asset Management
- Bako, A., Klafszky, E., and Szantai, T. (1995). "Optimization Techniques for Planning Highway Pavement Improvements". Annals of Operations Research, v. 58 issue 1-4, pp. 55-66.
- Bernard D. Alkire,(1998) Prioritization and Programming Michigan Technological University
- Benjamin, C.O. (1985). A linear goal programming model for public-sector project selection, Journal of the Operational Research Society 36 (1), pp.13-24.
- Brotten, M. (1996). Local Agency Pavement Management Application Guide. The Northwest Technology Transfer Center. Washington State Department of Transportation, Olympia, WA.
- Butt, A. A., M. Shahin, S. Carpenter, and J. Carnahan. Application of Markov Process to Pavement Management Systems at Network Level, Proceedings of the Third International Conference on Managing Pavements, National Research Council (U.S.). Transportation Research Board of the National Academies, Washington, D.C., 1994, pp. 159-172
- Cook, W. D. (1984), "Goal Programming and Financial Planning Models for Highway Rehabilitation," Journal of the Operational Research Society, 35, 3, 217–223.
- Ekern, D. S. (2006). Report on Virginia Department of Transportation (VDOT) Asset Management Methodology. <http://www.virginiadot.org>.
- Farhan .J. and. Fwa T. F ,Use of Analytic Hierarchy Process to Prioritize Network-

- Level Maintenance of Pavement Segments with Multiple Distresses ,Transportation Research Record, vol. 2225, 1: pp. 11-20
- Farhan .J. and. Fwa T. F Pavement Maintenance Prioritization Using Analytic Hierarchy Process Transportation Research Record, vol. 2093, 1: pp. 12-24
- Farhan .J (2011),Integrated Prioritization and optimization Approach for Pavement Management
- Feighan, K. J., Shahin, M. Y., and Sinha, K. C. (1987). A dynamic programming approach to optimization for pavement management systems. In Proc., 2nd North Am. Conf. on Managing Pavement, Ontario Ministry of Transportation and Communications, andU.S. Federal Highway Administration, 2.195–2.206.
- Fwa, T. F. Sinha, K. C. and Riverson, J. D. N.(1989). Priority Rating of Highway Routine Maintenance Activities. In Transportation Research Record 1246, TRB, National Research Council, Washington, D.C., pp. 54–64
- Fwa, T. F., Chan, W. T., Tan, C. Y. (1996). Genetic Algorithms Programming of Road Maintenance and Rehabilitation, Journal of Transportation Engineering, ASCE, Vol. 122, No. 3, pp.246-253.
- Fwa, T. F., Chan, W. T., Tan, C. Y. (1994b). Optimal Programming by Genetic Algorithms for Pavement Management. In Transportation Research Record: Journal of Transportation Research Board, No. 1455, TRB, Washington, D.C., pp.31-41.
- Huang, Y.H.(2004.),Pavement Analysis and Design • , Prentice Hall, Upper Saddle River, NJ,
- Karan, M. A. and Haas, R. (1976). Determining Investment Priorities for Urbana Pavement Improvements. Journal of Association of Asphalt Paving Technology, Vol. 45.
- Kinoshita. E. and Toshimasa O.(2012) Decision-making for the best selection of suppliers by using minor ANP Journal of Intelligent Manufacturing, Volume 23, Issue 6, pp 2171–2178
- KumarageA.(2003) Rural Roads And Community Access In Sri Lanka: An Overview
- Li, N., Haas, R. and Huot, M. (1998). Integer Programming of Maintenance and Rehabilitation Treatments for Pavement Networks. . In Transportation Research Record: Journal of Transportation Research Board, No. 1629, TRB,

- Washington, D.C., pp.242-248.
- Saaty, T. L.(1994). Fundamentals of Decision Making and Priority Theory with the Analytic Hierarchy Process. RWS Publications, Pittsburgh, Pa.
- Saaty, T. L.(1980) The Analytic Hierarchy Process. McGraw-Hill, New York,
- Roadway Maintenance and Management(2004). AASHTO Maintenance Manual MNT-04-03. AASHTO, Washington, D.C
- Shafik, J and A.H. Mehar. Development of Pavement maintenance Management System (PMMS) for Gaza City. Journal of the Islamic University of Gaza (Series of Natural Studies & Engineering) Vol.13, No.1, 2005, pp. 119-138
- Sharaf E. A. and Mandeel F. M., “An Analysis of the Impact of Different Priority Setting Techniques on Network Pavement Condition, 4th International Conference on Managing Pavements (1998).
- TsamboulasD. and YiotisG. S. (1999).Use of Multicriteria Methods for Assessment of Transport Projects,Journal of Transportation Engineering
- Wolters.A and Zimmerman K. (2011) Implementing Pavement Management Systems for Local Agencies, Implementation Guide, Civil Engineering Studies. Illinois Center for Transportation Series No. 11-094-1