

DAFTAR PUSTAKA

- Al Khalil, M. I. (2002). Selecting The Appropriate Project Delivery Method Using AHP. *International Journal of Project Management*. 20(6): 469–474. doi:10.1016/s0263-7863(01)00032-1.
- Al-Harbi, K. M. A.-S. (2001). Application of the AHP in project management. *International Journal of Project Management*. 19(1): 19–27. doi:10.1016/s0263-7863(99)00038-1.
- Anam, M. S. (2017). Desain *Self-Propelled Barge Pengangkut Limbah Minyak* di Kawasan Pelabuhan Indonesia III. *Jurnal Teknik ITS*. 6(2): 2337-3520.
- Awasthi, A., Chauhan, S. S., & Omrani, H. (2011). *Application of fuzzy TOPSIS in evaluating sustainable transportation systems*. *Expert Systems with Applications*, 38(10), 12270–12280. doi:10.1016/j.eswa.2011.04.005.
- Cahyono, K. Y. (2006). *Analisa Teknis dan Ekonomis pada Perencanaan Tongkang Batubara Bermesin dan Tanpa Mesin*. <http://digilib.its.ac.id/analisa-teknis-dan-ekonomis-pada-perencanaan-tongkang-batubara-bermesin-dan-tanpa-mesin-5701.html>. (30 Juli 2020).
- Christiansen, M., Fagerholt, K., Nygreen, B., & Ronen, D. (2007). *Chapter 4 Maritime Transportation*. *Handbooks in Operations Research and Management Science*, 189–284. doi:10.1016/s0927-0507(06)14004-9.
- D'Agosto, M. de A. (2019). *Transportation, an introduction*. *Transportation, Energy Use and Environmental Impacts*, 1–46. doi:10.1016/b978-0-12-813454-2.00001-5.
- De Luca, S. (2014). Public Engagement in Strategic Transportation Planning: An Analytic Hierarchy Process Based Approach. *Transport Policy*. 33: 110–124. doi:10.1016/j.tranpol.2014.03.002.
- Delmonico, D. V. de G., Santos, H. H. dos, Pinheiro, M. A., de Castro, R., & de Souza, R. M. (2017). Waste Management Barriers In Developing Country Hospitals: Case Study And AHP Analysis. *Waste Management & Research*. 36(1): 48–58. doi:10.1177/0734242x17739972.
- Duleba, S., & Moslem, S. (2018). Examining Pareto optimality in Analytic Hierarchy Process on Real Data: An Application in Public Transport Service Development. *Expert Systems with Applications*. doi:10.1016/j.eswa.2018.08.049.

- Ebrahimi, S., & Bridgelall, R. (2020). A Fuzzy Delphi Analytic Hierarchy Model to Rank Factors Influencing Public Transit Mode Choice: A Case Study. *Research in Transportation Business & Management.* 100496. doi:10.1016/j.rtbm.2020.100496.
- Fan, C. K., & Cheng, S. W. (2009). Using analytic hierarchy method and technique for order preference by similarity to ideal solution to evaluate curriculum in department of risk management and Insurance. *Journal of Social Sciences, 19*(1), 1–8. Retrieved from <http://www.krepublishers.com/02-Journals/JSS/JSS-19-0-000-09-Web/JSS-19-1-000-09-Abst-PDF/JSS-19-1-001-2009-938-Fan-C-K/JSS-19-1-001-2009-938-Fan-C-K-Tt.pdf>.
- Fatria, Budi. (2016). *Kapal Tongkang Batubara Kandas di Lhoknga.* [https://aceh.tribunnews.com/2016/05/16/video-kapal-tongkang-batubara-kandas-di-lhoknga.](https://aceh.tribunnews.com/2016/05/16/video-kapal-tongkang-batubara-kandas-di-lhoknga) (17 September 2020).
- Garcia-Melon, M., Gomez-Navarro, T., & Acuna-Dutra, S. (2012). A combined ANP-delphi approach to evaluate sustainable tourism. *Environmental Impact Assessment Review.* 34: 41–50. doi:10.1016/j.eiar.2011.12.001.
- Govindan, K., Kaliyan, M., Kannan, D., & Haq, A. N. (2014). Barriers Analysis For Green Supply Chain Management Implementation in Indian Industries Using Analytic Hierarchy Process. *International Journal of Production Economics.* 147: 555–568. doi:10.1016/j.ijpe.2013.08.018.
- Habara, A & Nugroho, S. (2012). Studi Distribusi Pupuk Lewat Laut Studi Kasus : Gresik – Bali dan Nusa Tenggara. *Jurnal Teknik Pomits.* 1 (2).
- Handoyo, B. (2015). Perancangan Self Propelled Barge (SPB) Sebagai Sarana Transportasi Angkutan Kayu Pengganti Tongkang Rute Kalimantan-Semarang. *Jurnal Teknik Perkapalan.* 3(1).
- Harijadi, Puguh. (2019). *Pemilihan Sarana Transportasi Batubara Dari Lokasi Tambang Menuju Pltu 1 Jatim Unit 1-2, Pacitan Dengan Menggunakan Analitic Network Process (Studi Kasus : PT. PJB – PLTU 1 Jatim Unit 1-2, Pacitan).* Thesis thesis. Surabaya: Universitas Airlangga.
- Herjanto, Eddy. (2009). *Sains Manajemen - Analisis Kuantitatif Untuk Pengambilan Keputusan.* Jakarta: Grasindo.
- [http://www.allship.net/ships/offshore/2-self-propelled-barges.](http://www.allship.net/ships/offshore/2-self-propelled-barges) (18 September 2020).
- [https://bahteradhighuna.co.id/read?idberita=12.](https://bahteradhighuna.co.id/read?idberita=12) (19 September 2020).

- Ishizaka, A., & Nemery, P. (2013). *Multi-Criteria Decision Analysis. Methods and Software*. Wiley.
- Kang, S., & Lee, S. M. (2007). A Policy Decision Process for Construction of Public Transportation City Model: Case Study of Jeju, Korea. *International Conference on Multimedia and Ubiquitous Engineering (MUE'07)*. doi:10.1109/mue.2007.42.
- Karana, Syafril. (2015). Kajian Penentuan Jenis dan Ukuran Sarana Angkutan Batubara dari Pelabuhan Sorong ke PLTU KTI. *Journal of Industrial Technology Assesments*. 9(2): 93-104. doi: 10.29122/mipi.v9i2.89.
- Kasiram, Moh. (2008). *Metodologi Penelitian*. Malang: UIN-Malang Pers.
- Kazibudzki, P.T. (2013). On Some Discoveries in the Field of Scientific Methodes for Management within the Concept of Analytic Hierarchy Process. *International Journal of Business and Management*. 8(8). doi: 10.5539/ijbm.v8n8p22.
- Kumru, M., & Kumru, P. Y. (2013). Analytic Hierarchy Process Application in Selecting The Mode of Transport For A Logistics Company. *Journal of Advanced Transportation*. 48(8): 974–999. doi:10.1002/atr.1240.
- Mahmoud, M., & Hine, J. (2013). Using AHP To Measure The Perception Gap Between Current And Potential Users Of Bus Services. *Transportation Planning and Technolog*. 36(1): 4–23. doi:10.1080/03081060.2012.745316.
- Mayo, F. L., & Taboada, E. B. (2019). Ranking Factors Affecting Public Transport Mode Choice of Commuters in An Urban City of A Developing Country Using Analytic Hierarchy Process: The Case of Metro Cebu, Philippines. *Transportation Research Interdisciplinary Perspectives*. 100078. doi:10.1016/j.trip.2019.100078.
- Moleong, Lexy J. (2010). *Metodologi Penelitian Kualitatif*. Bandung: Remaja Rosdakarya.
- Moridi, P., Atabi, F., Nouri, J., & Yarahmadi, R. 2017. Selection of optimized air pollutant filtration technologies for petrochemical industries through multiple-attribute decision-making. *Journal of Environmental Management*. 197: 456–463. doi:10.1016/j.jenvman.2017.03.065.
- Mulya, H. (2007). Analisa Teknis dan Ekonomis Pembangunan Self Propelled Barge Batubara dari Sumatera Selatan untuk Menunjang Operasional PLTU Suralaya. <http://digilib.its.ac.id/analisa-teknis-dan-ekonomis-pembangunan->

- self-propelled-barge-batubara-dari-sumatera-selatan-untuk-menunjang-operasional-pltu-suralaya-3234.html. (1 November 2020).
- Pamucar, D., Stevic, Z., Sremac, S. (2018). A New Model for Determining Weight Coefficients of Criteria in MCDM Models: Full Consistency Method (FUCOM). *Symmetry*. 10(9): 393–. doi:10.3390/sym10090393.
- Pamungkas, P. B., Samuel, & Mulyatno, I. P. (2014). Perancangan Kapal Bulk Carrier 6200 Dwt Untuk Rute Pelayaran Jakarta – Palangkaraya. *Jurnal Teknik Perkapalan*. 2(2).
- Pedroso, G., Bermann, C., & Sanches-Pereira, A. (2018). Combining the functional unit concept and the analytic hierarchy process method for performance assessment of public transport options. Case Studies on Transport Policy. doi:10.1016/j.cstp.2018.09.002.
- Piantanakulchai, M., & Saengkhao, N. (2003). Evaluation of Alternatives in Transportation Planning Using Multi-Stakeholders Multi-Objectives AHP Modelling. *Proceedings of the Eastern Asia Society for Transportation Studies*, Vol. 4, October, 2003.
- Popuri, Y., Proussaloglou, K., Ayvalik, C., Koppelman, F., & Lee, A. (2011). Importance of Traveler Attitudes in The Choice of Public Transportation to Work: Findings from The Regional Transportation Authority Attitudinal Survey. *Transportation*. 38(4): 643–661. doi:10.1007/s11116-011-9336-y.
- Putra, E. I., & Achmadi, T. (2012). Analisis Penerapan Continuous Coal Transport Mode Untuk Angkutan. *Jurnal Teknik Pomits*. 1(2).
- Putri, Chauliah Fatma. (2012). Pemilihan Supplier Bahan Baku Pengemas dengan Metode AHP (*Analytical Hierarchy Process*). *Jurnal Universitas WidyaGama Malang*. 20(1): 25-30. doi: 10.31328/jwt.v20i1.4.
- Romero-Gelvez, J. I., & Garcia-Melon, M. (2016). Influence Analysis in Consensus Search — A Multi Criteria Group Decision Making Approach in Environmental Management. *International Journal of Information Technology & Decision Making*. 15(4): 791–813. doi:10.1142/s0219622016400034.
- Russo, R. de F. S. M., & Camanho, R. (2015). Criteria in AHP: A Systematic Review of Literature. *Procedia Computer Science*. 55: 1123–1132. doi:10.1016/j.procs.2015.07.081.
- Saaty, T.L., & Vargas, L.G. (2006). *Decision making with the analytic network process, Economic, Political, Social and Technological Applications with*

Benefits, Opportunities, Costs and Risks. International Series in Operations Research & Management Science. doi:10.1007/0-387-33987-6.

- Saaty, Thomas L. (2001). *Decision Making for Leaders. The Analytical Hierarchy Process for Decisions in a Complex World.* Pittsburgh: RWS Publications.
- Saaty, Thomas L. (2008). Decision making with the Analytic Hierarchy Process. *International Journal of Services Sciences.* 1(1): 83-98. doi: 10.1504/IJSSCI.2008.017590.
- Sivilevicius, H., & Maskeliunaite, L. (2010). The Criteria For Identifying The Quality Of Passengers' Transportation By Railway and Their Ranking Using AHP Method. *Transport.* 25(4): 368–381. doi:10.3846/transport.2010.46.
- Sugiyono. (2016). *Metodologi Penelitian Kuantitatif, Kualitatif, dan R&D.* Bandung: Alfabeta.
- Sulyianto. (2018). *Metode Penelitian Bisnis untuk Skripsi, Tesis, dan Disertasi.* Yogyakarta: Andi Offset.
- Taskin Gumus, A., & Yilmaz, G. (2010). *Sea vessel type selection via an integrated VAHP-ANP methodology for high-speed public transportation in Bosphorus.* *Expert Systems with Applications,* 37(6), 4182–4189. doi:10.1016/j.eswa.2009.11.005.
- Taylor, B.W. (2014). *Introduction to Management Science, Sains Manajemen.* Jakarta: Salemba Empat.
- Tran, T. A. (2020). *Effect of ship loading on marine diesel engine fuel consumption for bulk carriers based on the fuzzy clustering method.* *Ocean Engineering,* 207, 107383. doi:10.1016/j.oceaneng.2020.107383.
- Tupper, E. C. (2013). *Ship Types. Introduction to Naval Architecture,* 379–412. doi:10.1016/b978-0-08-098237-3.00015-1.
- Tupper, E.C. (2004). *Introduction to Naval Architecture-Fourth Edition.* Elsevier Butterworth-Heinemann, Linacre House, Jordan Hill, Oxford OX2 8DP.
- Umar, Faizal., Haryadi., & Indyastuti, Devani L. (2020). Determination of Coal Transportation Mode in PLTU Jawa Tengah 2 Adipala, Cilacap. *Call of Paper of the 10th International Sustainable Competitive Advantage, October, 2020.*

- Upreti, N., Sunder, R. G., Dalei, N., & Garg, S. (2019). Revisiting The Challenges of Indian Power Transmission System: An Integrated Approach of Total Interpretive Structural Modeling and Analytic Hierarchy Process. *The Electricity Journal.* 32(10): 106671. doi:10.1016/j.tej.2019.106671.
- Utama, Ditdit Nugeraha. (2017). *Sistem Penunjang Keputusan: Filosofi, Teori dan Implementasi.* Yogyakarta: Garudhawaca.
- Vaidya, O. S., & Kumar, S. (2006). Analytic Hierarchy Process: An Overview of Applications. *European Journal of Operational Research.* 169(1): 1–29. doi:10.1016/j.ejor.2004.04.028.
- Wibisono, Dermawan. (2006). *Manajemen Kinerja, Konsep, Desain dan Teknik: Meningkatkan Daya Saing Perusahaan.* Jakarta: Erlangga.
- Wu, L., Yang, D., Wang, S., & Yuan, Y. (2020). Evacuating offshore working barges from a land reclamation site in storm emergencies. *Transportation Research - Part E: Logistics and Transportation Review,* 137, 101902. doi:10.1016/j.tre.2020.101902.
- Yang, T., & Kuo, C. (2003). A Hierarchical AHP/DEA Methodology for The Facilities Layout Design Problem. *European Journal of Operational Research.* 147(1): 128–136. doi:10.1016/s0377-2217(02)00251-5.