

## DAFTAR PUSTAKA

- Agarwal, P., Sahai, M., Mishra, V., Bag, M., & Singh, V. (2011). A review of multi-criteria decision making techniques for supplier evaluation and selection. *International Journal of Industrial Engineering Computations*, 2(4), 801–810.  
<https://doi.org/10.5267/j.ijiec.2011.06.004>
- Arjuna, R., Waluyo, J., & Masruroh, N. A. (2021). Pemilihan provider sand consolidation dengan metode analytical hierarchy process. *Angkasa: Jurnal Ilmiah Bidang Teknologi*, 13(1). <https://doi.org/10.28989/angkasa.v13i1.954>
- Aufarrizky, K. A., Ridwan, A. Y., & Pambudi, H. K. (2021). Penerapan Metode *Analytic Hierarchy Process* (AHP) dan *Data Envelopment Analysis* (DEA) Pada Proses Pemilihan Supplier Di PT XYZ. 8(5), 7151–7162.
- Balaji, K., Rabiei, M., Suicmez, V., Canbaz, C. H., Agharzeyva, Z., Tek, S., Bulut, U., & Temizel, C. (2018). Status of Data-Driven Methods and their Applications in Oil and Gas Industry. *Day 3 Wed, June 13, 2018*, D031S005R007.  
<https://doi.org/10.2118/190812-MS>
- Chan, F. T. S., Chan, H. K., Ip, R. W. L., & Lau, H. C. W. (2007). A decision support system for supplier selection in the airline industry. *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, 221(4), 741–758. <https://doi.org/10.1243/09544054JEM629>
- Darmanto, E., Latifah, N., & Susanti, N. (2014). Penerapan metode AHP (*Analythic Hierarchy Process*) untuk menentukan kualitas gula tumbu. *Simetris : Jurnal Teknik*

<https://doi.org/10.24176/simet.v5i1.139>

Dehdasht, G., Mohamad Zin, R., Ferwati, M., Mohammed Abdullahi, M., Keyvanfar, A., & McCaffer, R. (2017). DEMATEL-ANP Risk Assessment in Oil and Gas Construction Projects. *Sustainability*, 9(8), 1420. <https://doi.org/10.3390/su9081420>

Dweiri, F., Kumar, S., Khan, S. A., & Jain, V. (2016). Designing an integrated AHP based decision support system for supplier selection in automotive industry. *Expert Systems with Applications*, 62, 273–283.

<https://doi.org/10.1016/j.eswa.2016.06.030>

Dyer, J. S., Lund, R. N., Larsen, J. B., Kumar, V., & Leone, R. P. (1990). A Decision Support System for Prioritizing Oil and Gas Exploration Activities. *Operations Research*, 38(3), 386–396. <https://doi.org/10.1287/opre.38.3.386>

Fagundes, M. V. C., Hellingrath, B., & Freires, F. G. M. (2021). Supplier Selection Risk: A New Computer-Based Decision-Making System with Fuzzy Extended AHP. *Logistics*, 5(1), 13. <https://doi.org/10.3390/logistics5010013>

Firdaus, A. F., Madelan, S., & Saluy, A. B. (2021). *Supplier / Partnership Selection System Analysis Based on Analytic Hierarchy Method Process in Oil and Gas Drilling Project*. 6(3), 9.

G, K. K., Kumar, B. K., Krugon, S., & Reddy, S. V. (2020). *An Integrated Method Using Fuzzy AHP and TOPSIS Method for Supplier Selection in Recycled Lubricating Oil Industry for GSCM*. 29(03), 12473–12480.

Gourlay, T. P., & Cray, W. G. (2009). Ship under-keel clearance monitoring using RTK

GPS. 19th Australasian Coastal and Ocean Engineering Conference 2009 and the

12th Australasian Port and Harbour Conference 2009, COASTS and PORTS 2009,

September, 368–372.

Ilhami, R. S., & Rimantho, D. (2017). Penilaian Kinerja Karyawan dengan Metode AHP dan Rating Scale. *Jurnal Optimasi Sistem Industri* VOL. 16 NO. 2, 150-157.

Ishizaka, A., & Labib, A. (2009). Analytic Hierarchy Process and Expert Choice: Benefits and limitations. *OR Insight*, 22(4), 201–220. <https://doi.org/10.1057/ori.2009.10>

KDJPL. (2020). Dumping & dredging area. Balikpapan.

Kristy, C. N., & Zagloel, T. Y. (2020). An Integrated Analytical Hierarchy Process and Monte Carlo Method Approach for Supplier Selection in Construction's Supply Chain. *Proceedings of the 3rd Asia Pacific Conference on Research in Industrial and Systems Engineering 2020*, 300–304. <https://doi.org/10.1145/3400934.3400989>

Kurniawan, R., Hasibuan, S., & Nugroho, R. E. (2017). Analisis Kriteria Dan Proses Seleksi Kontraktor Chemical Sektor Hulu Migas: Aplikasi Metode DELPHI-AHP. *Jurnal Ilmiah Manajemen*, 252-266.

Luzon, B., & El-Sayegh, S. M. (2016). Evaluating supplier selection criteria for oil and gas projects in the UAE using AHP and Delphi. *International Journal of Construction Management*, 16(2), 175–183. <https://doi.org/10.1080/15623599.2016.1146112>

Marzouk, M., & Sabbah, M. (2021). AHP-TOPSIS social sustainability approach for selecting supplier in construction supply chain. *Cleaner Environmental Systems*, 2, 100034. <https://doi.org/10.1016/j.cesys.2021.100034>

Munthafa, A. E., Mubarak, H., Teknik, J., & Universitas, I. (2017). Penerapan Metode Analytical Hierarchy Process Dalam Sistem Kata Kunci : *Analytical Hierarchy Process*, Consistency Index , Mahasiswa Berprestasi. *Jurnal Siliwangi*, 3(2), 192–201.

Nydick, R.L. and Hill, R.P. (1992), Using the Analytic Hierarchy Process to Structure the Supplier Selection Procedure. *International Journal of Purchasing and Materials Management*, 28: 31-36. <https://doi.org/10.1111/j.1745-493X.1992.tb00561.x>

Olugu, E. U., Mammedov, Y. D., Young, J. C. E., & Yeap, P. S. (2021). Integrating spherical fuzzy Delphi and TOPSIS technique to identify indicators for sustainable maintenance management in the oil and gas industry. *Journal of King Saud University - Engineering Sciences*, S1018363921001598. <https://doi.org/10.1016/j.jksues.2021.11.003>

Peraturan Menteri Perhubungan No 125 Tahun 2018 tentang Pengerukan dan Reklamasi.

Praselia, F. T., & Shilul Imaroh, T. (2020). *Contractor Selection Assessment Strategy In The Upstream Oil And Gas Industry Towards Green Supply Chain Management*. *Dinasti International Journal of Economics, Finance & Accounting*, 1(3), 373–383. <https://doi.org/10.38035/dijefa.v1i3.314>

Ristono, A., Santoso, P. B., & Tama, I. P. (2018). *Modified Ahp To Select New Suppliers In The Indonesian Steel Pipe Industry*. 13, 15.

R. N. Bray, A. D. (1997). *Dredging A Handbook for Engineers*. London: Arnold a member of the Hodder Headline Group.

Saaty, R. W. (1987). The analytic hierarchy process—What it is and how it is used.

*Mathematical Modelling*, 9(3–5), 161–176. [https://doi.org/10.1016/0270-0255\(87\)90473-8](https://doi.org/10.1016/0270-0255(87)90473-8)

Saaty, T. L. (2008). Decision making with the analytic hierarchy process. *Int. J. Services Sciences*, Vol. 1, No. 1, 83–98.

Saaty, T. L., & Vargas, L. G. (2012). *Models, Methods, Concepts & Applications of the Analytic Hierarchy Process* (Vol. 175). Springer US. <https://doi.org/10.1007/978-1-4614-3597-6>

Sekaran, U., & Bougie, R. (2016). *Research Methods for Business: A Skill Building Approach* 7th Edition. United Kingdom: John Wiley & Sons Ltd.

Sevcli, M. (2010). An application of the fuzzy ELECTRE method for supplier selection. *International Journal of Production Research*, 48(12), 3393–3405. <https://doi.org/10.1080/00207540902814355>

Sinuany-Stern, Z., Mehrez, A., & Hadad, Y. (2000). An AHP/DEA methodology for ranking decision making units. *International Transactions in Operational Research*, 7(2), 109–124. <https://doi.org/10.1111/j.1475-3995.2000.tb00189.x>

Sivapornpunlerd, N., & Setamanit, S. (2014). *Supplier Performance Evaluation: A Case Study of Thai Offshore Oil & Gas Exploration and Production Company*. 21(1), 14.

AHP. *Teknois : Jurnal Ilmiah Teknologi Informasi dan Sains*, 6(2), 1–11.

<https://doi.org/10.36350/jbs.v6i2.36>

Surjasa, D., Astuti, P., & Nugroho, H. (2006). Usulan supplier selection dengan analytical hierarchy process dan penerapan sistem informasi dengan konsep vendor managed inventory pada PT ABC. *Jurnal Dosen dan Alumni Teknik Industri Universitas Trisakti*. Jakarta.

Tavana, M., Behzadian, M., Pirdashti, M., & Pirdashti, H. (2013). A PROMETHEE-GDSS for oil and gas pipeline planning in the Caspian Sea basin. *Energy Economics*, 36, 716–728. <https://doi.org/10.1016/j.eneco.2012.11.023>

Wan, J., Qi, G., Zeng, Z., & Sun, S. (2011). The application of AHP in oil and gas pipeline route selection. *2011 19th International Conference on Geoinformatics*, 1–4. <https://doi.org/10.1109/GeoInformatics.2011.5981038>

Wang, C.-N., Huang, Y.-F., Cheng, I.-F., & Nguyen, V. (2018). A Multi-Criteria Decision-Making (MCDM) Approach Using Hybrid SCOR Metrics, AHP, and TOPSIS for Supplier Evaluation and Selection in the Gas and Oil Industry. *Processes*, 6(12), 252. <https://doi.org/10.3390/pr6120252>

Weber, C. A., Current, J. R., & Benton, W. C. (1991). Vendor selection criteria and methods. In *European Journal of Operational Research* (Vol. 50, Issue 1, pp. 2–18). North-Holland. [https://doi.org/10.1016/0377-2217\(91\)90033-R](https://doi.org/10.1016/0377-2217(91)90033-R)

Widianta, M. M. D., Rizaldi, T., Setyohadi, D. P. S., & Riskiawan, H. Y. (2018). Comparison of Multi-Criteria Decision Support Methods (AHP, TOPSIS, SAW &

