



## DAFTAR PUSTAKA

- Aalaei, A. and Davoudpour, H., 2016. Revised multi-choice goal programming for incorporated dynamic virtual cellular manufacturing into supply chain management: A case study. *Engineering Applications of Artificial Intelligence*, 47, pp.3-15.
- Almouhanna, A., Quintero-Araujo, C.L., Panadero, J., Juan, A.A., Khosravi, B. and Ouelhadj, D., 2020. The location routing problem using electric vehicles with constrained distance. *Computers & Operations Research*, 115, p.104864.
- Badan Pengkajian dan Penerapan Teknologi, 2020, *Stasiun Pengisian Kendaraan Listrik: Kajian Tekno Ekonomi, Regulasi dan Standar*, Badan Pengkajian dan Penerapan Teknologi.
- Badan Pusat Statistik, 2020, *Statistik Transportasi Darat 2019*, Badan Pusat Statistik, Jakarta.
- Bai, X., Chin, K.S. and Zhou, Z., 2019. A bi-objective model for location planning of electric vehicle charging stations with GPS trajectory data. *Computers & Industrial Engineering*, 128, pp.591-604.
- CNBC Indonesia. 2021. *IBC Resmi Dibentuk, Jadi Kapan Ini Berdampak ke Ekonomi RI?*. <https://www.cnbcindonesia.com/market/20210326185551-17-233253/ibc-resmi-dibentuk-jadi-kapan-ini-berdampak-ke-ekonomi-ri> (online accessed 01 Apr 2021).
- Chen, Y.W., Cheng, C.Y., Li, S.F. and Yu, C.H., 2018. Location optimization for multiple types of charging stations for electric scooters. *Applied Soft Computing*, 67, pp.519-528.
- Crisostomi E., Shorten R., Stüdl S., and Wirth F, 2018, *Electric and Plug-in Hybrid Vehicle Networks: Optimization and Control*, CRC Press, Florida.
- Daskin, M.S., 2011, *Network and Discrete Location: Models, Algorithms, and Applications*, John Wiley & Sons, New Jersey.
- Deb, K., 2005, Multi-Objective Optimization. *Search methodologies*, Springer, Boston, MA, pp.273-316.
- Deb, S., Tammi, K., Kalita, K. and Mahanta, P., 2019. Charging station placement for electric vehicles: A case study of guwahati city, india. *IEEE Access*, 7, pp.100270-100282.
- DitJen PPI, 2016, *First Nationally Determined Contribution Republic of Indonesia*, Kementerian Lingkungan Hidup dan Kehutanan, Jakarta.
- Dong, J., Liu, C. and Lin, Z., 2014. Charging infrastructure planning for promoting battery electric vehicles: An activity-based approach using multiday travel data. *Transportation Research Part C: Emerging Technologies*, 38, pp.44-55.
- Ehrgott, M., 2006, *Multicriteria Optimization*, Springer Science & Business Media, New York.



- Eiselt, H.A. and Sandblom, C.L., 2012, *Operations Research: A Model-Based Approach*, Springer Science & Business Media, New York.
- El-Fedany, I., Kiouach, D. and Alaoui, R., 2019. Application Design Aiming to Minimize Drivers' Trip Duration through Intermediate Charging at Public Station Deployed in Smart Cities. *World Electric Vehicle Journal*, 10(4), p.67.
- Geeksforgeeks. 2021. *Haversine Formula to Find Distance Between Two Points On a Sphere*. <https://www.geeksforgeeks.org/haversine-formula-to-find-distance-between-two-points-on-a-sphere/> (online accessed 15 May 2021).
- Haorui, J., Manhao, L., Bowen, Z. and Xin, Z., 2018. Improved Set Covering Location Model for Charging Facility Deployments. *IOP Publishing*, 435(1), p.012019.
- He, F., Yin, Y. and Zhou, J., 2015. Deploying public charging stations for electric vehicles on urban road networks. *Transportation Research Part C: Emerging Technologies*, 60, pp.227-240.
- He, J., Yang, H., Tang, T.Q. and Huang, H.J., 2018. An optimal charging station location model with the consideration of electric vehicle's driving range. *Transportation Research Part C: Emerging Technologies*, 86, pp.641-654.
- Hodgson, M.J., 1990. A flow-capturing location-allocation model. *Geographical Analysis*, 22(3), pp.270-279.
- Iannuzzi, D. and Franzese, P., 2021. Ultrafast charging station for electrical vehicles: Dynamic modelling, design and control strategy. *Mathematics and Computers in Simulation*, 184, pp.225-243.
- IESR, 2020, *The Role of Electric Vehicles in Decarbonizing Indonesia's Road Transport Sector*, Institute for Essential Services Reform (IESR), Jakarta.
- IRENA, 2017, *Electric Vehicles: Technology Brief*, International Renewable Energy Agency, Abu Dhabi.
- Kementerian Energi dan Sumber Daya Mineral, 2020, *Peraturan Menteri Energi dan Sumber Daya Mineral Nomor 13 Tahun 2020*.
- Kementerian ESDM, 2021, *Perkembangan Regulasi Kendaraan Bermotor Listrik Berbasis Baterai dan Implementasinya*, Kementerian Energi dan Sumber Daya Mineral, Jakarta.
- Kompas.com. 2021. Indonesia Bentuk IBC, Jadi Angin Segar buat Kendaraan Listrik. <https://otomotif.kompas.com/read/2021/03/31/072200015/indonesia-bentuk-ibc-jadi-angin-segar-buat-kendaraan-listrik> (online accessed 01 Apr 2021).
- Konak, A., Coit, D.W. and Smith, A.E., 2006. Multi-objective optimization using genetic algorithms: A tutorial. *Reliability Engineering & System Safety*, 91(9), pp.992-1007.
- Kontan.co.id. 2019. PLN Targetkan Pemasangan 160 Charging Station Kendaraan Listrik di Tahun 2020. <https://industri.kontan.co.id/news/pln-targetkan-pemasangan-160-charging-station-kendaraan-listrik-di-tahun-2020> (online accessed 05 June 2021)
- Kotler, P. and Keller, K.L., 2012, *Marketing Management*, Prentice Hall, New Jersey.



- Kuby, M., Lines, L., Schultz, R., Xie, Z., Kim, J.G. and Lim, S., 2009. Optimization of hydrogen stations in Florida using the flow-refueling location model. *International journal of hydrogen energy*, 34(15), pp.6045-6064.
- Lancia, G. and Serafini, P., 2018, *Compact Extended Linear Programming Models*, Springer International Publishing, Cham.
- Liu, J., 2012. Electric vehicle charging infrastructure assignment and power grid impacts assessment in Beijing. *Energy policy*, 51, pp.544-557.
- Luo, L., Gu, W., Zhou, S., Huang, H., Gao, S., Han, J., Wu, Z. and Dou, X., 2018. Optimal planning of electric vehicle charging stations comprising multi-types of charging facilities. *Applied energy*, 226, pp.1087-1099.
- Luo, X. and Qiu, R., 2020. Electric Vehicle Charging Station Location towards Sustainable Cities. *International journal of environmental research and public health*, 17(8), p.2785.
- Ma, T.Y. and Xie, S., 2021. Optimal fast charging station locations for electric ridesharing with vehicle-charging station assignment. *Transportation Research Part D: Transport and Environment*, 90, p.102682.
- Medcom.id. 2021. *Pengguna Kendaraan Listrik Wajib Tahu Bedanya SPKLU dan SPBKLU*. <https://www.medcom.id/ekonomi/bisnis/1bV2vdbn-pengguna-kendaraan-listrik-wajib-tahu-bedanya-spkludan-spbklu> (online accessed 02 Apr 2021).
- Metais, M.O., Jouini, O., Perez, Y., Berrada, J. and Suomalainen, E., 2021. Too much or not enough? Planning electric vehicle charging infrastructure: a review of modeling options.
- Motoaki, Y., 2019. Location-Allocation of Electric Vehicle Fast Chargers—Research and Practice. *World Electric Vehicle Journal*, 10(1), p.12.
- Mundhekar, A., dan Aphale, N., 2011, *Multiobjective Optimization and Trade Offs using Pareto Optimality*, University at Buffalo.
- Presiden Republik Indonesia, 2019, *Peraturan Presiden Republik Indonesia Nomor 55 Tahun 2019*.
- Pusdatin ESDM, 2016, *Data Inventory Emisi GRK Sektor Energi*, Kementerian Energi dan Sumber Daya Mineral, Jakarta.
- Rangaiah, G.P., 2009, *Multi-objective Optimization: Techniques and Applications in Chemical Engineering*, World Scientific, Singapore.
- Samosir, G., Devara, Y., Florentina, B. and Siregar, R., 2018. Electric vehicles in Indonesia: the road towards sustainable transportation. *Solidiance: Market Report*.
- Shabbar, R., Kasasbeh, A. and Ahmed, M.M., 2021. Charging Station Allocation for Electric Vehicle Network Using Stochastic Modeling and Grey Wolf Optimization. *Sustainability*, 13(6), p.3314.
- Sidabutar, V.T.P., 2020. Kajian pengembangan kendaraan listrik di Indonesia: prospek dan hambatannya. *Jurnal Paradigma Ekonomika*, 15(1), pp.21-38.
- Silalahi, S.A.T., 2020. Penurunan Harga Minyak Mentah Dunia dan Implikasinya Bagi Pertamina dan APBN. *Pusat Penelitian Badan Keahlian DPR RI*, 12(9), pp.19-24.
- Taha, H.A., 2017, *Operation Research: An Introduction*, Pearson Education, London.



- Tian, D., Yan, H., Duan, X., Cao, Y., Zhou, J., Hao, W., Long, K. and Gu, J., 2020. Optimal Location for Electric Vehicles Charging Stations Based on P-Median Model. *International Conference on Artificial Intelligence and Security, 1253*, pp. 278-289.
- Tian, Z., Hou, W., Gu, X., Gu, F. and Yao, B., 2018. The location optimization of electric vehicle charging stations considering charging behavior. *Simulation, 94*(7), pp.625-636.
- Tomtom. 2021. Tomtom Move O/D Analysis. <https://od.tomtom.com/dashboard> (online accessed 15 May 2021).
- Ucer, E., Koyuncu, I., Kisacikoglu, M.C., Yavuz, M., Meintz, A. and Rames, C., 2019. Modeling and analysis of a fast charging station and evaluation of service quality for electric vehicles. *IEEE Transactions on Transportation Electrification, 5*(1), pp.215-225.
- Utami, M.W.D., Yuniaristanto, Y. and Sutopo, W., 2020. Adoption Intention Model of Electric Vehicle in Indonesia. *Jurnal Optimasi Sistem Industri, 19*(1), pp.70-81.
- Wijaya, A., Chrysolite, H., Ge, M., Wibowo, C.K., Pradana, A.L.M.O., Utami, A. and Austin, K., 2017. How can Indonesia achieve its climate change mitigation goal? An analysis of potential emissions reductions from energy and land-use policies. *World Resources Institute*, pp.1-36.
- Winston, W.L. and Goldberg, J.B., 2004, *Operations Research: Applications and Algorithms*, Thomson Learning, Belmont.
- Wongkar, E. E. L. T., Mutmainah, M., and Anindarini, G., 2020, *Catatan Kritis Memperingati 5 Tahun Berlakunya Paris Agreement: Refleksi Singkat Arah Kebijakan Perubahan Iklim Indonesia*, Indonesian Center for Environment Law, Jakarta Selatan.
- Wu, F. and Sioshansi, R., 2017. A stochastic flow-capturing model to optimize the location of fast-charging stations with uncertain electric vehicle flows. *Transportation Research Part D: Transport and Environment, 53*, pp.354-376.
- Zeithaml, V.A., Bitner, M.J. and Gremler, D.D., 2018, *Services Marketing: Integrating Customer Focus Across the Firm*, McGraw-Hill Education, New York.
- Zhang, H., Moura, S.J., Hu, Z. and Song, Y., 2016. PEV fast-charging station siting and sizing on coupled transportation and power networks. *IEEE Transactions on Smart Grid, 9*(4), pp.2595-2605.
- Zhu, Z., Gao, Z., Zheng, J. and Du, H., 2018. Charging station planning for plug-in electric vehicles. *Journal of Systems Science and Systems Engineering, 27*(1), pp.24-45.