

DAFTAR PUSTAKA

- Adams, J. (2007). *Managing risk in a hypermobile world*. Working Paper for the OMEGA Project. London.
- Adisasmita, R. (2015). *Analisis Kebutuhan Transportasi*. Yogyakarta: Graha Ilmu.
- Ahmad, T. (2017, 11 Juli 2017). Bandung bike sharing mulai dioperasikan, *infobdg.com*. Retrieved from <http://www.infobdg.com/v2/bandung-bike-sharing-mulai-dioperasikan/#>
- Altaf, S. (2017). *Investigating the factors influencing the use of public bike-sharing schemes for the last mile travel in Belgium*. (Master), Universiteit Hasselt, Hasselt.
- Badan Pusat Statistik. (2018). *Kota Yogyakarta Dalam Angka 2018*. Yogyakarta: Badan Pusat Statistik.
- Batur, I., & Koc, M. (2017). Travel Demand Management (TDM) case study for social behavioral change towards sustainable urban transportation in Istanbul. *Cities*, 69, 20-35.
- Bikeshare Map. (2018). *Global Map of Bikeshare*. Retrieved from <https://bikesharemap.com/>
- Boggia, A., Massei, G., Pace, E., Rocchi, L., Paolotti, L., & Attard, M. (2018). Spatial multicriteria analysis for sustainability assessment: A new model for decision making. *Land Use Policy*, 71, 281-292.
- Broadbent, A., Litman, T., & Menon, G. (2009). *Transportation Demand Management*. Eschborn: GTZ.
- Brownson, R. C., Hoehner, C. M., Day, K., Forsyth, A., & Sallis, J. F. (2009). Measuring the Built Environment for Physical Activity State of the Science. *American Journal of Preventive Medicine*, 36, 99-123.
- Buehler, R. (2012). Determinants of bicycle commuting in the Washington, DC region: The role of bicycle parking, cyclist showers, and free car parking at work. *Transportation Research Part D*, 17, 525-531.
- Bullock, C., Brereton, F., & Bailey, S. (2017). The economic contribution of public bike-share to the sustainability and efficient functioning of cities. *Sustainable Cities and Society*, 28. doi: <http://dx.doi.org/10.1016/j.scs.2016.08.024>
- Bungin, B. (2011). *Metode Penelitian Kuantitatif* (Vol. Kencana): Jakarta.
- Cetinkaya, C. (2017). Bike sharing station site selection for Gaziantep. *Sigma Journal of Engineering and Natural Science*, 35(3), 535-543.
- Chen, L., Zhang, D., Pan, G., Ma, X., Yang, D., Kushlev, K., . . . Li, S. (2015). *Bike sharing station placement leveraging heterogeneous urban open data*. Paper presented at the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing, Osaka, Japan.
- Cities, C. f. L., & Institute, U. L. (2014). Building healthy cities through active mobility *Creating Healthy Places through Active Mobility*. Singapore: Centre for Livable Cities.
- Citylab. (2013). *In Paris, Thefts and Vandalism Could Force Bike-share to Shrink*. Retrieved from <https://www.citylab.com/transportation/2013/09/paris-thefts-and-vandalism-could-force-bike-share-shrink/7014/>.

- Conrow, L., Murray, A. T., & Fischer, H. A. (2018). An optimization approach for equitable bicycle share station siting. *Journal of Transport Geography*, 69, 163-170.
- DeMaio, P. (2009). *Bike-sharing: history, impacts, models of provision, and future*. *Journal of Public Transportation*, 12(4), 41-56.
- DeMaio, P., & Gifford, J. (2004). Will smart bikes succeed as public transportation in the United States? *Journal of Public Transportation*, 7(2), 1-15.
- Demesouka, O. E., Anagnostopoulos, K. P., & Siskos, E. (2019). Spatial multicriteria decision support for robust land-use suitability: The case of landfill site selection in Northeastern Greece. *European Journal of Operational Research*, 272, 574-586.
- Dietrich, F., & List, C. (2013). Where do preferences come from? *Proceedings of the International Conference on Logic Across the University: Foundations and Applications*.
- Dimitriou, H. T. (2011). Transport and city development: understanding the fundamentals. In H. T. Dimitriou & R. Gakenheimer (Eds.), *Urban Transport in the Developing World*. Cheltenham: Edward Elgar Publishing Limited.
- Dinas Perhubungan. (2016). *Penyusunan Kajian Asal Tujuan Perjalanan Orang di Daerah Istimewa Yogyakarta*. Yogyakarta: Dinas Perhubungan Pemda Daerah Istimewa Yogyakarta.
- Druckman, J. N., & Lupia, A. (2000). Preference Formation. *Annual Review of Political Science*, 3, 1-24.
- Eliou, N., Galanis, A., & Proios, A. (2009). Evaluation of the *bikeability* of a Greek City: Case study "City of Volos". *WSEAS Transactions on Environment and Development*, 5(8).
- Erbas, M., Kabak, M., Ozceylan, E., & Cetinkaya, C. (2018). Optimal siting of electric vehicle charging stations: A GIS-based fuzzy Multi-Criteria Decision Analysis. *Energy*, 163, 1017-1031.
- Ernst, J. (2011). Environmental challenges of urban transport: the impacts of motorization. In H. T. Dimitriou & R. Gakenheimer (Eds.), *Urban Transportation in the Developing World*. Cheltenham: Edward Elgar Publishing Limited.
- Ferguson, E. (1990). Transportation demand management, planning, development, and implementation. *Journal of the American Planning Association*, 56(4), 442-456.
- Fernandez, A. C. (2011). *The contribution of bike-sharing to sustainable mobility in Europe*. (Doctoral), Technischen Universitat Wien, Wien.
- Figueres, N. v. R. (2017). *Lock-In Does Not Lock Out*. (Master), London School of Economics and Political Science, London.
- Fishman, E. (2016). Cycling as transport. *Transport Reviews*, 36, 1-8. doi: <http://dx.doi.org/10.1080/01441647.2015.1114271>
- Fishman, E., Washington, S., & Haworth, N. (2013). Bike share: A synthesis of the literature. *Transport Reviews: A Transnational Transdisciplinary Journal*. doi: <http://dx.doi.org/10.1080/01441647.2013.775612>

- Frade, I., & Ribeiro, A. (2015). *Bike-sharing stations: A maximal covering location approach* *Transportation Research Part A*, 82, 216-227.
- Freitas, A. L. P., & Maciel, A. B. L. (2017). Assessing cyclists; perceptions, motivations and behaviors: an exploratory study in Brazil. *Procedia Engineering* 198, 26-33.
- Garcia-Palomares, J. C., Gutierrez, J., & Latorre, M. (2012). Optimizing the location of stations in *bike-sharing* programs: A GIS approach. *Applied Geography*, 35, 235-246.
- Ghandehari, M., Pouyandeh, V. H., & Javadi, M. H. M. (2013). Locating of bicycle stations in the City of Isfahan using mathematical programming and multi-criteria decision making techniques. *International Journal of Academic Research in Accounting, Finance, and Management Sciences*, 3(4), 18-26.
- Ghorpade, A. R., Kumar, E., Bhagavatula, L., Parvathapuram, R., Arora, A., Sherawat, P., . . . Mahajan, S. (2013). Ecomobility Readiness Assessment--Are India's cities ready for sustainable transportation? A focus on non-motorized transport. India: ICLEI South Asia, iTrans, Indian Heritage Cities Network Foundation.
- Guo, R. (2015). Active Mobility in Cities: Ten Design Principle. *Urban Solution*.
- Habibian, M., & Kermanshah, M. (2011). Exploring the role of transportation demand management policies' interactions. *Scientia Iranica A*, 1037-1044.
- Habibian, M., & Kermanshah, M. (2013). Coping with congestion: Understanding the role of simultaneous transportation demand management policies on commuters. *Transport Policy*, 30, 229-237.
- Haghshenas, H., & Vaziri, M. (2012). Urban sustainable transportation indicators for global comparison. *Ecological Indicators*, 15, 115-121.
- Hasrul. (2011). *Lokasi Halte Trans Jogja Ditinjau Dari Perspektif Aksesibilitas Pengguna Dalam Menjangkaunya*. (Master Master Thesis), Universitas Gadjah Mada, Yogyakarta.
- Hassan, A. M., & Lee, H. (2015). Toward the sustainable development of urban areas: An overview of global trends in trials and policies. *Land Use Policy*, 48, 199-212.
- Haufe, N., Millionig, A., & Markvica, K. (2016). Developing encouragement strategies for active mobility. *Transportation Research Procedia* 19, 49-57.
- Herwangi, Y., Syabri, I., & Kustiwan, I. (2015). Peran dan Pola Penggunaan Sepeda Motor Pada Masyarakat Berpendapatan Rendah di Kawasan Perkotaan Yogyakarta. *Jurnal Perencanaan Wilayah dan Kota*, 26(3), 167-176.
- Hosford, K., Fuller, D., Lear, S. A., Teschke, K., Gauvin, L., Brauer, M., & Winters, M. (2018). Evaluation of the impact of a public bicycle share program on population bicycling in Vancouver, BC. *Preventive Medicine Reports*, 12, 176-181.
- Imani, A. F., Eluru, N., Geneidy, A. M. E., Rabbat, M., & Haq, U. (2014). How land-use and urban form impact bicycle flows: evidence from the bicycle-sharing system (BIXI) in Montreal. *Journal of Transport Geography*, 41, 306-314.
- Imani, A. F., Eluru, N., & Paleti, R. (2017). How bicycling sharing system usage is affected by land use and urban form: analysis from system and user

- perspectives. *European Journal of Transport and Infrastructure Research*, 17(3), 425-441.
- ITDP. (2016). *People Near Transit*.
- ITDP. (2018). *The Bike-share Planning Guide*
- Iwinska, K., Malgorzata, B., Pierotti, L., Tainio, M., & Nazelle, A. d. (2018). Cycling in Warsaw, Poland-Perceived enablers and barriers according to cyclists and non-cyclists. *Transportation Research Part A*, 113, 291-301.
- Jahanshahi, D., Minaei, M., Kharazmi, O. A., & Minaei, F. (2019). Evaluation and relocating bicycle sharing stations in Mashhad City using multi-criteria analysis. *International Journal of Transportation Engineering*, 6(3), 265-283.
- Jia, L., Liu, X., & Liu, Y. (2018). Impact of different stakeholders of bike-sharing industry on users' intention of civilized use of bike-sharing. *Sustainability*, 10(5), 1-26. doi: <https://doi.org/10.3390/su10051437>
- Kabak, M., Erbas, M., Cetinkaya, C., & Ozceylan, E. (2018). A GIS-based MCDM approach for the evaluation of bike-share stations. *Journal of Cleaner Production*, 201, 49-60.
- Kanjanakorn, T., & Piantanakulchai, M. (2013). Prioritizing suitable locations of bike sharing station by using the *Analytical Hierarchy Process (AHP)*. *Proceedings of the International Symposium on the Analytical Hierarchy Process 2013*, 1-10.
- Kim, D., Shin, H., Im, H., & Park, J. (2012). *Factors influencing travel behaviors in bike-sharing*. Paper presented at the Transportation Research Board 91st Annual Meeting, Washington DC.
- Krenn, P. J., Oja, P., & Titze, S. (2015). Development of a bikeability index to assess the bicycle-friendliness of urban environments. *Open Journal of Civil Engineering*, 5, 451-459.
- Krygsman, S., Dijst, M., & Arentze, T. (2004). Multimodal public transport: an analysis of travel time elements and the interconnectivity ratio. *Transport Policy*, 11(3), 265-275.
- Leister, E. H., Vairo, N., Sims, D., & Bopp, M. (2018). Understanding bike share reach, use, access and function: An exploratory study. *Sustainable Cities and Society*, 43. doi: <https://doi.org/10.1016/j.scs.2018.08.031>
- Ling, J., & Catling, J. (2012). *Psikologi*. Jakarta: Erlangga.
- Litman, T. (2017). Why Manage Transportation Demand? *TDM Encyclopedia*. Victoria: Victoria Transport Policy Institute.
- Lowry, M. B., Callister, D., Gresham, M., & Moore, B. (2012). Assessment of Communitywide Bikeability with Bicycle Level of Service. *Transportation Research Record*, 2314(1), 41-48.
- Marks, M. (2016). *People Near Transit: Improving Accessibility and Rapid Transit Coverage in Large Cities*
- Massei, G., Rocchi, L., Paolotti, L., Greco, S., & Boggia, A. (2014). Decision Support System for environmental management: A case study on wastewater from agriculture. *Journal of Environmental Management*, 146, 491-504.

- Meng, M., Koh, P. P., Wong, Y. D., & Zhong, Y. H. (2014). Influences of urban characteristics on cycling: Experiences of four cities. *Sustainable Cities and Society*, 13, 78-88.
- Merrouni, A. A., Elaloui, F. E., Mezrhab, A., Mezrhab, A., & Ghennioui, A. (2018). Large scale PV sites selection by combining GIS and *Analytical Hierarchy Process*. Case study: Eastern Morocco. *Renewable Energy*, 119, 863-873.
- Mete, S., Cil, Z. A., & Ozceylan, E. (2018). Location and coverage analysis of *bike-sharing* stations in University Campus. *Business Systems Research*, 9(2), 80-95.
- Midgley, P. (2009). The role of smart *bike-sharing* systems in urban mobility. *Journeys*, 23-31.
- Mu, E., & Pereyra-Rojas, M. (2017). Understanding the Analytic Hierarchy Process *Practical Decision Making*: Springer International Publishing.
- Muhs, C. D., & Clifton, K. J. (2016). Do characteristics of walkable environments support bicycling? Toward a definition of bicycle-supported development. *The Journal of Transport and Land Use*, 9(2), 147-188.
- Munoz, B., Monzon, A., & Lopez, E. (2016). Transition to a cyclable city: Latent variables affecting bicycle commuting. *Transportation Research Part A*, 84, 4-17.
- Nielsen, T. A. S., & Skov-Petersen, H. (2018). *Bikeability*-Urban structures supporting cycling. Effects of local, urban and regional scale urban form factors on cycling from home and workplace locations in Denmark. *Journal of Transport Geography*, 69, 36-44.
- OBIS. (2011). *Optimising Bike Sharing in European Cities*: OBIS.
- Otero, I., Nieuwenhuijsen, M. J., & Rojas-Rueda, D. (2018). Health impacts of bike sharing systems in Europe. *Environment International*, 115, 387-394. doi: <https://doi.org/10.1016/j.envint.2018.04.014>
- Pendakur, V. S. (2011). Non-motorized urban transport as neglected modes. In H. T. Dimitriou & R. Gakenheimer (Eds.), *Urban Transport in the Developing World*. Cheltenham: Edward Elgar Publishing Limited.
- Peraturan Daerah Kota Yogyakarta Nomor 2 Tahun 2010 Tentang Rencana Tata Ruang Wilayah Kota Yogyakarta.
- Pfoser, S., & Pajones, M. (2017). Specification of input, output and setting options for a bike sharing planning system. *International Journal of Transport Development and Integration*, 1, 84-91.
- Raharjo, R. (2018). Ini Daftar 10 Kota Paling Macet, Yogyakarta di Posisi Ini, *TribunJogja.com*. Retrieved from <http://jogja.tribunnews.com/2018/02/25/ini-daftar-10-kota-paling-macet-yogyakarta-di-posisi-ini>
- Ramadhiani, A. (2018, 25 Februari 2018). Ini 10 Kota Termacet di Indonesia, *Kompas.com*. Retrieved from <https://properti.kompas.com/read/2018/02/25/182046621/ini-10-kota-termacet-di-indonesia>
- Rani, M., & Vyas, O. P. (2017). Smart Bike Sharing System to Make City Even Smarter. In S. Bhatia, K. Mishra, S. Tiwari & V. Singh (Eds.), *Advances in*

- Computer and Computational Sciences. Advances in Intelligent Systems and Computing*. Singapore: Springer.
- Reisi, M., Aye, L., Rajabifard, A., & Ngo, T. (2014). Transport sustainability index: Melbourne case study. *Ecological Indicators*, 43, 288-296.
- Rodrigue, J.-P., Comtois, C., & Slack, B. (2017). *The Geography of Transport Systems*. New York: Routledge.
- Rotaris, L., & Danielis, R. (2015). Commuting to college: The effectiveness and social efficiency of transportation demand management policies. *Transport Policy*, 44, 158-168.
- Saaty, T. L. (2008). Decision making with the analytic hierarchy process. *International Journal of Services Sciences*, 1(1), 83-98.
- Saputra, A. P. G. (2014). *Keragaman Bentuk Penerapan Sistem Bike Share Sebagai Solusi Permasalahan Perkotaan*. (Bachelor), Universitas Gadjah Mada, Yogyakarta.
- Scott, D. M., & Ciuro, C. (2019). What factors influence bike share ridership? An investigation of Hamilton Ontario's bike share hubs. *Travel Behaviour and Society*, 16, 50-58.
- Setyaningrum, N. R. (2014). *Karakteristik dan Keselamatan Bersepeda Pelajar SMA di Kota Yogyakarta dan Kabupaten Bantul*. (Master Master Thesis), Universitas Gadjah Mada, Yogyakarta.
- Shaheen, S. A., & Guzman, S. (2011). Worldwide Bikesharing. *Access*, 39, 22-27.
- Shaheen, S. A., Guzman, S., & Zhang, H. (2010). Bikesharing in Europe, the Americas, and Asia. *Transportation Research Record* 2143, 159-167.
- Siagian, T. P., Sudarsono, B., & Wijaya, A. P. (2015). Evaluasi kriteria kesesuaian lahan permukiman dengan *Analytical Hierarchy Process*. *Jurnal Geodesi Undip*, 5(1), 107-115.
- Solso, R. L., Maclin, O. H., & Maclin, M. K. (2008). *Psikologi Kognitif*. Jakarta: Erlangga.
- Straub, M., Rudloff, C., Graser, A., Kloimullner, C., Raidl, G. R., Pajones, M., & Beyer, F. (2018, 16-19 April 2018). *Semi-Automated location planning for urban bike-sharing systems* Paper presented at the 7th Transport Research Arena TRA 2018, Vienna.
- Sugiyono. (2017). *Metode Penelitian dan Pengembangan Research and Development*. Bandung: Alfabeta.
- Sun, Y. (2018). Sharing and riding: how the dockless bike sharing scheme in China shapes the city. *Urban Science*, 2(3), 1-19. doi: <https://doi.org/10.3390/urbansci2030068>
- Supriyadi, L. A., Agustawijaya, D. S., & Budastra, I. K. (2015). Analisis pendukung pengambilan keputusan prioritas penataan pemakaman di Kota Mataram berbasis sistem informasi geografis. *Jurnal Sains Teknologi dan Lingkungan*, 1(1), 37-42.
- Susanto, A., Siahaan, Z. B., Setiadji, B. H., & Supriyono. (2014). Analisis Kinerja Lalu Lintas Jalan Urip Sumoharjo Yogyakarta. *Jurnal Karya Teknik Sipil*, 3(2), 456-464.

- Toth-Szabo, Z., & Varhelyi, A. (2012). Indicator framework for measuring sustainability of transport in the city. *Procedia-Social and Behavioral Sciences*, 48, 2035-2047.
- Vale, D. S., Pereira, M., & Saraiva, M. (2016). Active accessibility: A review of operational measures of walking and cycling accessibility. *The Journal of Transport and Land Use*, 9(1), 209-235.
- Verbruggen, K. (2017). *Shared cycling infrastructure as a feeder system for public transport in Sao Paulo*. (Bachelor Bachelor Thesis), University of Twente, Netherlands.
- Wang, J., Tsai, C.-H., & Lin, P.-C. (2016). Applying spatial-temporal analysis and retail location theory to public bikes site selection in Taipei. *Transportation Research Part A*, 94, 45-61.
- Wang, X., Lindsey, G., Schoner, J. E., & Harrison, A. (2016). Modeling Bike Share Station Activity: Effects of Nearby Businesses and Jobs on Trips to and from Stations. *Journal of Urban Planning and Development*, 142(1), 1-9.
- Warren, C., McGraw, A. P., & Boven, L. V. (2010). Values and preferences: defining preference construction. *WIREs Cognitive Science*.
- Wey, W.-M., & Huang, J.-Y. (2018). Urban sustainable transportation planning strategies for livable City's quality of life. *Habitat International*, 82, 9-27.
- Winters, M., Babul, S., Becker, J., Brubacher, J. R., Chipman, M., Cripton, P., . . . Teschke, K. (2012). Safe Cycling: How Do Risk Perceptions Compare With Observed Risk? *Canadian Journal of Public Health*, 103(3), S42-S47.
- Winters, M., Brauer, M., Setton, E. M., & Teschke, K. (2013). Mapping bikeability: a spatial tool to support sustainable travel. *Environment and Planning B: Planning and Design*, 40, 865-883.
- Winters, M., Davidson, G., Kao, D., & Teschke, K. (2011). Motivators and deterrents of bicycling: comparing influences on decisions to ride. *Transportation*, 38, 153-168.
- Wuerzer, T., Mason, S., & Youngerman, R. (2012). Boise bike share location analysis.
- Yang, R., & Long, R. (2016). Analysis of the influencing factors of the public willingness to participate in public bicycle projects and intervention strategies-A case study of Jiangsu Province, China. *Sustainability*, 8, 1-16.
- Yunus, H. S. (2010). *Metodologi Penelitian Wilayah Kontemporer*. Yogyakarta: Pustaka Pelajar.
- Yusuf, E. (2017, 5 Juli 2017). In picture: mengenal bike sharing BOSEH di Bandung, *republika.co.id*. Retrieved from <https://www.republika.co.id/berita/inpicture/nasional-inpicture/17/07/05/osm60q283-mengenal-bike-sharing-boseh-di-bandung>
- Zhang, Y., & Mi, Z. (2018). Environmental benefits of bike sharing: A big data-based analysis. *Applied Energy*, 220, 296-301. doi: <https://doi.org/10.1016/j.apenergy.2018.03.101>
- Zhou, X. (2015). Understanding spatiotemporal patterns of biking behavior by analyzing massive bike sharing data in Chicago. *PLoS ONE*, 10(10), 1-20.