

## DAFTAR PUSTAKA

- Aalaei, A. dan 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, 3-15.
- Aisyati, A., Respati, A., Jauhari, W. A., dan Laksono, P. W., 2014, *Model Kebijakan Distribusi Bantuan dan Penentuan Jalur Evakuasi Korban Bencana Gunung Merapi*, [https://www.researchgate.net/publication/278405586\\_Model\\_Kebijakan\\_Distribusi\\_Bantuan\\_Dan\\_Penentuan\\_Jalur\\_Evakuasi\\_Korban\\_Bencana\\_Gunung\\_Merapi](https://www.researchgate.net/publication/278405586_Model_Kebijakan_Distribusi_Bantuan_Dan_Penentuan_Jalur_Evakuasi_Korban_Bencana_Gunung_Merapi), (diakses 20 September 2016).
- Badan Nasional Penanggulangan Bencana, 2011, *Rencana Aksi Rehabilitasi dan Rekonstruksi Pascabencana Erupsi Gunung Merapi Provinsi D. I. Yogyakarta dan Provinsi Jawa Tengah Tahun 2011-2013*, [http://perpustakaan.bappenas.go.id/lontar/file?file=digital/112720-%5B\\_Konten\\_%5D-Konten%20C7527.pdf](http://perpustakaan.bappenas.go.id/lontar/file?file=digital/112720-%5B_Konten_%5D-Konten%20C7527.pdf), (diakses 13 September 2016).
- Badan Nasional Penanggulangan Bencana, 2010, *Peta Rekapitulasi Per Kabupaten Jumlah Korban, Pengungsi dan Kerusakan Akibat Letusan Gunungapi Merapi (30 November 2010)*, <http://geospasial.bnpb.go.id/2010/11/30/peta-rekapitulasi-per-kabupaten-jumlah-korban-pengungsi-dan-kerusakan-akibat-letusan-gunungapi-merapi-30-nov-2010/>, (diakses pada 13 September 2016).
- Barzinpour, F. dan Esmaeili, V., 2014, A Multi-Objective Relief Chain Location Distribu- Tion Model For Urban Disaster Management, *The International Journal of Advanced Manufacturing Technology*, 70 (5–8), 1291–1302 .
- Bozorgi-Amiri, A., dan Asvadi, S., 2015, A Prioritization Model For Locating Relief Lo- Gistic Centers Using Analytic Hierarchy Process With Interval Comparison Matrix, *Knowledge-Based Systems*, 86, 173–181 .
- Chang, F. S., Wu, J.S., Lee, C. N., dan Shen, H. C., 2014, Greedy-search-based multi- objective genetic algorithm for emergency logistics scheduling, *Expert Systems with Applications*, 41 (6), 2947–2956 .
- Chanta, S. dan Sangsawang, O., 2012, Shelter-Site Selection During Flood Disaster, *Lecture Notes in Management Science*, 4, 282–288.
- Dumitrescu, I. dan Stutzle, T., 2003, Combinations of Local Search and Exact Algorithms, *Applications of Evolutionary Computing*, EvoWorkshops 2003, Springer, Berlin, Heidelberg, 2611, 211-233.
- Dessouky, M. M., Ordonez, F., Shen, Z., Jia, H., 2009, Rapid Distribution of Medical Supplies, *International Series in Operations Research & Management Science*, 91, 309-338, [https://link.springer.com/chapter/10.1007%2F978-0-387-33636-7\\_11](https://link.springer.com/chapter/10.1007%2F978-0-387-33636-7_11) (diakses 13 September 2016).

- Dinas Kesehatan Provinsi Daerah Istimewa Yogyakarta, 2010, *Laporan Penanggulangan Bencana Erupsi Merapi Dinas Kesehatan Provinsi D. I. Yogyakarta*, Dinas Kesehatan Provinsi DIY, Yogyakarta.
- Elliot, A. C. dan Woodward, W. A., 2007, *Statistical Analysis Quick Reference Guidebook with SPSS Examples*, Sage Publications, Inc, USA.
- Fang, S. dan Wakabayashi, H., 2011, Travel Time Reliability for Recovery Activity Immediately After Disaster, *Procedia Social and Behavioral Sciences*, 20, 621-629.
- Genova, K. dan Gulishki, V., 2011, Linear Integer Programming Methods and Approaches – A Survey, *Cybernetics And Information Technologies*, 11 (1), 3-25.
- Ghasemi, A. dan Zahediasl, S., 2012, Normality Tests for Statistical Analysis: A Guide for Non-Statisticians, *International Journal Endocrinol Metabolism*, 10(2), 486-489.
- Gutjahr, W. J. dan Nolz, P. C., 201, Multicriteria Optimization in Humanitarian Aid, *European Journal of Operational Research*, 252, 351-366.
- Iswari, T., 2015, *Analisis Penentuan Rute Distribusi Komoditas Bahan Pokok di Kota Yogyakarta*, Skripsi, Departemen Teknik Mesin dan Industri, Universitas Gadjah Mada Fakultas Teknik, Yogyakarta
- Kliestik, T., Misankova, M., dan Bartosova, V., 2015, Application of Multi Criteria Goal Programming Approach for Management of the Company, *Applied Mathematical Sciences*, 9 (115), 5715-5727.
- Lee, S. M., 1972, *Goal Programming for Decision Analysis*, Auerbach, Philadelphia.
- Montgomery, D. C. dan Runger, G. C., 2003, *Applied Statistics and Probability for Engineers*, John Wiley & Sons, Inc, USA
- Orumie, U.C. dan Ebong, D., 2014, A Glorious Literature on Linear Goal Programming Algorithms, *American Journal of Operations Research*, 4, 59-71.
- Pakaya, R. S., et al., 2007, *Pedoman Teknis Penanggulangan Krisis Kesehatan Akibat Bencana: Panduan bagi Petugas Kesehatan yang Bekerja dalam Penanganan Krisis Kesehatan akibat Bencana di Indonesia*, Departemen Kesehatan Republik Indonesia, Jakarta.
- Paquete, L., Chiarandini, M., dan Stutzle, T., 2002, A Study of Local Optima in the Multiobjective Traveling Salesman Problem, *Multiobjective Metaheuristics Workshop (MOMH 2002)*, Paris, 1-5.
- Pardalos, P. M., Romeijn, H. E., dan Tuy H., 2000, Recent Development and Trends in Global Optimization, *Journal of Computational and Applied Mathematics*, 124, 209–228.
- Prathama, W. A., 2016, *Penentuan Rute Distribusi Bantuan Medis untuk Bencana Erupsi Gunung Merapi di Yogyakarta*, Skripsi, Departemen Teknik Mesin dan Industri Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Rath, S. dan Gutjahr, W. J., 2014, A math-heuristic for the warehouse location–routing problem in disaster relief, *Computers & Operations Research*, 42, 25-39.

- Rosenthal, R. E., 1983, Goal Programming – A Critique, *New Zealand Operation Research*, 11, 1-7.
- Rottkemper, B., Fischer, K., dan Blecken, A., 2012, A Transshipment Model for Distribution and Inventory Relocation Under Uncertainty in Humanitarian Operations, *Socio-Economic Planning Sciences*, 46 (1), 98-109 .
- Saadatseresht, M., Mansourian, A., dan Taleai, M., 2009, Evacuation Planning Using Multiobjective Evolutionary Optimization Approach, *European Journal of Operational Research*, 198 (1), 305-314.
- Situmorang, F. A., 2014, *Identifikasi Daftar Kebutuhan pada Korban Bencana Alam Gunung Meletus dan Gempa Bumi*, Skripsi, Departemen Teknik Mesin dan Industri Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Thomas A. dan Kopczak L., 2005, *From Logistic to Supply Chain Management: The Path Forward In The Humanitarian Sector*, Fritz Institute, San Fransisco.
- Toth, P. dan Vigo, D., 2002, *The Vehicle Routing Problem*, Society for Industrial and Applied Mathematics, Philadelphia.
- U.S. Army Medical Department Center and School, 2010, *Introduction to Medical Logistics Management*, <http://www.tpub.com/content/armymedical/MD0029/>, (diakses pada 14 September 2016)
- Viswanath, K., dan Peeta, S., 2003, Multicommodity Maximal Covering Network Design Problem for Planning Critical Routes for Earthquake Response, *Transportation Research Record: Journal of the Transportation Resource Board*, 1857, 1–10.
- Vitoriano, B., Ortuno, M. T., Tirado, G., dan Montero J., 2011, A Multi-criteria Optimization Model for Humanitarian Aid Distribution, *J Glob Optim*, 51, 189-208.
- Winston W. L., 2004, *Operations Research Applications and Algorithm Fourth Edition*, Thomson Learning Resource Center, USA.
- Zhan, S.-L. dan Liu, N., 2011, A Multi-Objective Stochastic Programming Model For Emergency Logistics Based On Goal Programming, *2011 Fourth International Joint Conference on Computational Sciences and Optimization*, IEEE, 640-644.
- Zhang, J., Dong, M., dan Frank Chen, F. 2013. A bottleneck steiner tree based multi- objective location model and intelligent optimization of emergency logistics systems. *Robotics and Computer-Integrated Manufacturing*, 29 (3), 48–55 .
- Zulfikar M., 2017, *Penyelesaian Capacitated Vehicle Routing Problem (CVRP) Menggunakan Metode Algoritma Sweep Untuk Optimasi Rute Distribusi Bantuan Medis Bencana Gunung Merapi*, Skripsi, Departemen Teknik Mesin dan Industri Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.