

## DAFTAR PUSTAKA

- Anselin, L., Rey, J.S., Getis, A., 2010, Perspective on Spatial Data Analysis, *Springer Heidelberg Dordrecht London New York*, Halaman: 290.
- Ardiansyah, F., Misbah, M., Pressa, P., 2018, Sistem monitoring debu dan karbon monoksida pada lingkungan kerja Boiler di PT. Karunia Alam Segar, *Jurnal IKRA-ITH Teknologi*, Vol. 2.
- Assembly, H., 2014, 7 million deaths linked to air pollution annually NIEHS : new WHO collaborating centre for environmental health Network to advance progress in children's environmental health, *Launch of WHO International Scheme to Evaluate Household Water Treatment Technology*, Halaman: 63.
- Bohling, G., 2005, Introduction To Geostatistics And Variogram Analysis, *Geostatistical Reservoir Modeling*, Halaman: 376.
- Brunekreef, B., dan Holgate, S. T., 2002, Air pollution and health, *The lancet*, 360 (9341), 1233-1242.
- Budiyanto, E., 2016, Sistem Informasi Geografis dengan Quatum GIS. Yogyakarta: Andi Offset.
- Chabala, L. M., Mulolwa, A., dan Lungu, O., 2017, Application of ordinary kriging in mapping soil organic carbon in Zambia, *Pedosphere*, 27(2), 338-343.
- Chiang, M., dan Zhang, T., 2016, *Fog and IoT: An overview of research opportunities*, IEEE IoT Journal, Vol. 3, no. 6, Halaman: 854-864.
- Febrero, F., Calero, C., dan Moraga, M. Á., 2016, Software reliability modeling based on ISO/IEC SQuaRE, *Information and Software Technology*, 70, 18-29.
- Fischer M.M., dan Getis A., 2010, Spatial Panel Data Models, *Handbook of Applied Spatial Analysis: Software Tools, Methods and Applications*, Halaman: 407.
- Fridayani, N.M.S., Kencana, P.E.N., dan Sukarsa, K.G., 2012. Perbandingan Interpolasi Spasial Dengan Metode Ordinary dan Robust Kriging pada Data Spasial Berpencilan (Studi Kasus: Curah Hujan di Kabupaten Karangasem). *E-Jurnal Matematika*. Halaman: 68-74.
- García-Flores, R., Toscas, P., Lee, D. J., Gavrioliouk, O., dan Robinson, G., 2012, A comparison of methods for solving the sensor location problem, In *Geostatistics Oslo 2012*, pp. (531-542). Springer, Dordrecht.
- Gheyb, J., 2005, Application of monitoring system web based for open cluster, *Telkom University*, Halaman: 48.87

- Goldstein, Allen H., Koven, C.D., Heald, C.L., Fung, I.Y., 2009, Biogenic carbon and anthropogenic pollutants combine to form a cooling haze over the southeastern United States, *Proceedings of the National Academy of Sciences*, Halaman: 8835–8840.
- Gultom, N., Sudarno, S., dan Handayani, D. S., 2014, Pengaruh Jumlah Kendaraan Dan Faktor Meteorologi Terhadap Konsentrasi Karbon Monoksida (Co) Di Jalan Ahmad Yani Kawasan Simpang Lima, Kota Semarang, *Jurnal Teknik Lingkungan*, 3(1), 1-12.
- Harsh, N.S., Zishan, K., Ali, A., Moghal, M., Shaikh, A., Rane, P., 2018, IOT Based Air Pollution Monitoring System, *International Journal of Scientific & Engineering Research* Volume. 9, Halaman: 62-65.
- Hermawan, A., Hananto, M., dan Lasut, D., 2016, Peningkatan Indeks Standar Pencemaran Udara (ISPU) dan kejadian gangguan saluran pernapasan di kota Pekanbaru, *Jurnal Ekologi Kesehatan*, 15(2), 76-86.
- Jamaly, M. dan Kleissl, J., 2017, Spatiotemporal interpolation and forecast of irradiance data using Kriging, *Solar Energy, Elsevier*, Halaman: 158.
- Jean-Paul, C., dan Pierre, D., 1999, *Geostatistics: Modeling Spatial Uncertainty*. Jhon Wiley & Sons Inc., *New York*, 695.
- Kaiser, M. S., dan Cressie, N., 1997, Modeling Poisson variables with positive spatial dependence, *Statistics & Probability Letters*, 35(4), 423-432.
- Kin-Fai Ho, Hirai, H.W., Kuo, Y.H, Meng, H.M., Tsoi, K.K.F, 2015, Indoor Air Monitoring Platform and Personal Health Reporting System, *IEEE International Congress on Big Data*, Volume. 51, Halaman: 309-312.
- Lim S.S, Vos T., Flaxman AD., 2012, A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, *A systematic analysis for the Global Burden of Disease Study*, Halaman: 380:2224–60.
- Manurung, Br., Darmawan, D., Fauzi, R., 2018, Perancangan alat ukur kadar karbon monoksida (CO) pada kendaraan berbasis sensor MQ7, *e-Proceeding of Engineering*, Vol. 5, Halaman: 2358.
- Marchetta, P., Natale, E., Pescape, A., Salvi, A., Santini, S., 2015, A map-based platform for smart mobility services, *Computers and Communication (ISCC) IEEE Symposium*, Halaman: 19–24.
- Moengin, P., 2013, Model AHP/DEA untuk mengukur efisiensi penggunaan teknologi gas buang rumah tangga ramah lingkungan, *Industrial Engineering Departement Diponegoro University*, Vol. 8, Halaman: 37-42.

- Naranjo, V.G.P., Pooranian, Z., Shojafar, M., Conti, M., Buyya, R., 2018, FOCAN:A Fog-supported smart city network architecture for management of applications in the Internet of Everything environments, *Journal of Parallel and Distributed Computing*. Elsevier Inc. Halaman: 16.
- Nyerges, T., 2009. GIS and Society. In Kitchin R, Thrift N (eds), *International Encyclopedia of Human Geography*, Volume. 4, Halaman: 506–512.
- Olea R. A., 1999, Geostatistics for engineers and earth scientists. *Kluwer*, Boston, halaman: 303.
- Oliver, S., dan Carol, G., 2005, Statistical methods for spatial data analysis, *Statistics & Probability Letters*, 40(5), 45-80.
- Peraturan Menteri Lingkungan Hidup Dan Kehutanan Republik Indonesia, 2014, Kerugian lingkungan hidup akibat pencemaran dan/atau kerusakan lingkungan hidup, No. 1726.
- Puntodewo, A., Dewi, S., dan Tarigan, J., 2003. Sistem informasi geografis untuk pengelolaan sumberdaya alam. *CIFOR*.
- Rapuzzi, R., Repetto, M., 2018, Building Situational Awareness for Network Threats in Fog/Edge Computing: Emerging Paradigms Beyond the Security Perimeter Model, *Future Generation Computer Systems*, Halaman: 235-249.
- Rozalia, G., Yasin, H., & Ispriyanti, D., 2016, Penerapan Metode Ordinary Kriging Pada Pendugaan Kadar No2 Di Udara (Studi Kasus: Pencemaran Udara Di Kota Semarang), *Jurnal Gaussian*, Vol. 5(1), Halaman: 113-121.
- Sample, J. E., Baber, I., Badger, R., 2016, A spatially distributed risk screening tool to assess climate and land use change impacts on water-related ecosystem services, *Environmental Modelling & Software*, Halaman: 12-26.
- Saranya, E. dan Sunitha, A., 2012, Identifying Data Integrity in the Cloud Storage, *IJCSI International Journal of Computer Science*, Volume. 9, ISSN: 1694-0814.
- Sengkey, S. L., Jansen, F., & Wallah, S. E., 2011, Tingkat Pencemaran Udara CO Akibat Lalu Lintas dengan Model Prediksi Polusi Udara Skala Mikro, *Jurnal Ilmiah Media Engineering*, 1(2).
- Singh, M., Rajan, M. A., Shivraj, V. L., dan Balamuralidhar, P., 2015, Secure mqtt for internet of things (iot), In *2015 Fifth International Conference on Communication Systems and Network Technologies*, (pp. 746-751).
- Sommerville, Ian. 2011. *Software Engineering (9th.ed.)*, Boston: Addison-Wesley.

- Song, F., Ai, Z.Y., Li, J.J., Pau, G., Collotta, M., You, I., Zhang, H.K., 2017 Smart collaborative caching for information-centric IoT in fog computing, *MDPI journals use article numbers instead of page numbers*, 17(11), Halaman: 1–15.
- Sundaram, N.M., 2017, An Approach of IOT Based Air Pollution Monitoring and Control System, 2018, *International Conference on Inventive Research in Computing Applications (ICIRCA) IEEE*, 6(7), Halaman: 527–531.
- Suryono, S., Putro, S. P., Widowati, W., dan Sunarno, S., 2018, A Capacitive Model of Water Salinity Wireless Sensor System Based on WIFI-Microcontroller, In *2018 6th International Conference on Information and Communication Technology (ICoICT)* (pp. 211-215).
- Suryono, S., Saputra, R., Surarso, B., dan Bardadi, A., 2017, Wireless Sensor System for Prediction of Carbon Monoxide Concentration using Fuzzy Time Series, *Proceeding of the Electrical Engineering Computer Science and Informatics*, 4, 567-572.
- Vatsavai, R., S. Shekhar, T. E. Burk, Lime, S., 2014, Mapserver : A high performance, interoperable, and open source web mapping and geospatial analysis system, *Geographic Information Science*, Halaman: 400-4017.
- World Health Organization, 2013, *Global tuberculosis report 2013*, World Health Organization.
- Wu, D., Rosen D.W., Schaefer, D., 2015, Scalability planning for cloud-Based manufacturing systems, *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, Volume: 137.
- Zhou, X., Xu, C., & Kimmons, B., 2015, Detecting tourism destinations using scalable geospatial analysis based on cloud computing platform. *Computers, Environment and Urban Systems*, Vol. 54, Halaman: 144-153.