

DAFTAR PUSTAKA

- Alberti, M 2008, *Advance in Urban Ecology*, Washington, New York.
- Anselin, L 1993, *Exploratory Spatial Data Analysis and Geographic Information Systems*, National Center for Geographic Information and Analysis of California, Santa Barbara, CA93106.
- Anselin, L 1995, 'Local Indicator of Spatial Association', *Geographical Analysis*, vol. 27, no. 2, pp. 93-115.
- Badan Pusat Statistik (BPS), 2014, *Persentase Penduduk Daerah Perkotaan Menurut Provinsi 2010-2035*, diakses pada 10 September 2019, <https://www.bps.go.id/statictable/2014/02/18/1276/persentase-penduduk-daerah-perkotaan-menurut-provinsi-2010-2035.html>.
- BPS Kota Semarang. 2019, *Kota Semarang dalam Angka 2019*, diakses pada 17 Juli 2020, <http://semarangkota.bps.go.id>.
- Danoedoro, P 2012, *Pengolahan Citra Digital*, Yogyakarta, Penerbit Andi.
- Ferreira, CSS, PD Rory, Walsh, & Ferreira, AJD 2018, 'Degradation in Urban Areas', *Current Opinion in Environmental Science & Health*, vol. 5, pp. 19–25.
- Fotheringham, AS & Rogerson, PA 2009, *The Sage Handbook of Spatial Analysis*. London, The Sage Publishing.
- Geoda 2018, *Spatial Weights as Distance Functions*, diakses pada 10 November 2019, https://geodacenter.github.io/workbook/4c_distance_functions/lab4c.html.
- Hidayati, IN, 2019, 'Penyusunan Model Urban Biophysical Environmental Quality Wilayah Perkotaan Yogyakarta Berdasarkan Karakteristik Spektral Citra dan Data Multi Resolusi', *Disertasi S3*, Fakultas Geografi Universitas Gadjah Mada, Yogyakarta.
- Hidayati, IN, Suharyadi, R, & Danoedoro, P 2019, 'Environmental Quality Assessment of Urban Ecology Based on Spatial Heterogeneity and Remote Sensing Imagery', *Equity, Equality, and Justice in Urban Housing Development, KnE Social Sciences*, vol. 2019, pp. 363-379.

- Hu, X & Xu, H 2018, 'A New Remote Sensing Index for Assessing the Spatial Heterogeneity in Urban Ecological Quality: A Case from Fuzhou City, China', *Ecological Indicators*, vol. 89, pp. 11-21.
- Hu, X & Xu, H 2019. 'A New Remote Sensing Index Based on the Pressure-State-Response Framework to Assess Regional Ecological Change', *Environmental Science and Pollution Research*, vol. 26, pp. 5381–5393.
- Hughey, KFD, Cullen, R, Kerr, GN, & Cook, AJ, 2004, 'Application of the Pressure–State–Response Framework to Perceptions Reporting of the State of the New Zealand Environment', *Environment Management*, vol. 70, pp. 85–93.
- Irwin, EG, & E Nancy 2007, 'The Evolution of Urban Sprawl: Evidence of Spatial Heterogeneity and Increasing Land Fragmentation', *PNAS*, vol. 104, no. 52, pp. 20672-20677.
- Iturbe, IR 2000, 'Ecohydrology: A Hydrologic Perspective of Climate-Soil-Vegetation Dynamics', *Water Resources Research*, vol. 36 no. 1, pp. 1-9.
- Jin, S, & Sader, SA 2005, 'Comparison of Time Series Tasseled Cap Wetness and The Normalized Difference Moisture Index in Detecting Forest Disturbance', *Remote Sensing of Environment*, vol. 94, no.3, pp. 364-372.
- Konrad, CP 2003, Effects of Urban Development on Floods, *USGS Fact Sheet FS-076-0*, diakses pada 10 September 2019, <https://pubs.usgs.gov/fs/fs07603/>.
- Moleong, Lexy, 2007, '*Metodologi Penelitian Kualitatif*', Bandung, PT Remaja Rosdakarya Offset.
- National Aeronautics and Space Administration (NASA) 2013, *Landsat 8 Saluran*, diakses pada 29 September 2019, <https://landsat.gsfc.nasa.gov/landsat-8/landsat-8-salurans/>.
- Ning, J, Gao, Z, Meng, R, Xu, F, & Meng, G 2018, 'Analysis of Relationships Between Land Surface Temperature and Land Use Changes in the Yellow River Delta', *Front. Earth Science*, vol. 12, no.22, pp. 444–456.
- Pickett, STA, Cadenasso, ML, Rosi, MEJ, Belt, KT, Groffman, & PM, Grove 2016, 'Dynamic Heterogeneity: A Framework to Promote Ecological

Integration and Hypothesis Generation in Urban Systems’, *Urban Ecosyst*, vol. 34, no.1, pp. 1-14.

Saputro, DRS, Widyaningsih, P, & Kurdi, NA 2017, ‘Local Indicator of Spatial Association (LISA) Cluster Map untuk Identifikasi Penyebaran dan Pemetaan Penyakit Demam Berdarah Dengue (DBD) di Jawa Tengah’, *Prosiding Seminar Matematika Dan Pendidikan Matematika UNY*, Yogyakarta, pp. 23-30.

Sasmito, S & Suprayogi, 2017, ‘Model Kekritisian Indeks Lingkungan dengan Algoritma Urban Heat Island’, *Majalah Ilmiah Globe*, vol. 19, no.1, pp. 45-52.

Sedaghat, L, Hersey J& McGuire MP 2013, ‘Detecting Spatio-Temporal Outliers in Crowdsourced Bathymetry Data’, *Proceedings of the Second ACM SIGSPATIAL International Workshop on Crowdsourced and Volunteered Geographic Information*, 5 November, ACM Digital Library, Florida, hal. 55-62, diakses pada 25 November 2019, <https://www.semanticscholar.org/paper/Detecting-spatio-temporal-outliers-in-crowdsourced-Sedaghat-Hersey/>.

Seddon, AWR, Macias, FM, Long, PR, Benz, D, & Willis, KJ 2016, ‘Sensitivity Of Global Terrestrial Ecosystems To Climate Variability’, *Nature*, vol. 531, no.7593, pp. 229-232.

United States Geological Survey (USGS) 2018, *Landsat 7 Data User Handbook*, South Dakota, Department of the Interior U.S. Geological Survey.

Van, Zuidam, R, A 1985, ‘*Aerial Photo-Interpretation in Terrain Analysis and Geomorphologic Mapping*’, The Hague, Amsterdam, Smith Publisher.

Wang, C & Zhou, H 2018, ‘Spatial Heterogeneity Analysis: Introducing a New Form of Spatial Entropy’, *Entropy*, vol. 20, no.6.

Weng, Qihao & Fu, Peng 2016, ‘A Time Series Analysis of Urbanization Induced Land Use and Land Cover Change and Its Impact on Land Surface Temperature with Landsat Imagery’, *Remote Sensing of Environment*, vol.175, pp.205-214.

World Bank 2016, *Indonesia Urban Story*, diakses 10 September 2019,

<https://www.worldbank.org/en/news/feature/2016/06/14/indonesia-urban-story>.

Wuryandari, T, Hoyyi, A, Kusumawardani, DS, & Rahmawari, D, 2014, 'Identifikasi Autokorelasi Spasial pada Jumlah Pengangguran di Jawa Tengah Menggunakan Indeks Moran', *Media Statistika*, vol. 7, no. 1, pp. 1-10.

Yang, J, Sun, J, Ge, Q, & Li, X, 2017, 'Assessing the Impacts of Urbanization-Associated Green Space on Urban Land Surface Temperature: A Case Study of Dalian, China', *Urban Forestry & Urban Greening*, vol. 22, pp. 1-10.

Zhou, W, Cadenasso, M.L, Schwarz, K, & Pickett, STA, 2014, 'Quantifying Spatial Heterogeneity in Urban Landscapes: Integrating Visual Interpretation and Object-Based Classification', *Remote Sensing*, vol. 6, no. 4, pp. 3369-3386.

Zhou, W, Cadenasso, ML, & Pickett, STA 2017, 'Shifting Concepts of Urban Spatial Heterogeneity and Their Implications for Sustainability', *Landscape Ecology*, vol. 32, no. 1, pp. 15-30.