



## DAFTAR PUSTAKA

- Aisha, I. N., & Indradjati, P. N. (2014). Adaptasi Penerapan Bentuk Mitigasi Urban Heat Island (UHI) pada Kawasan Pusat Kota Bandung. *Jurnal Perencanaan Wilayah dan Kota A SAPPK*, 3 (1) , 27-43.
- Alvi, S. H. (1995). Climate Changes in Bahrain. *GeoJurnal*,37(1), 45-50.
- Anderson, J. R., Hardy, E. E., Roach, J. T., & Witmer, R. E. (1976). A Land Use and Land Cover Classification System For Use With Remote Sensor Data. *Geological Survey Professional Paper*, 964, 1-41.
- Azous, A. L., & Horner, R. R. (2001). *Wetlands and Urbanization: Implications for The Future*. Florida: CRC Press.
- Badan Pusat Statistik. (2006). *Surakarta dalam Angka 2005*. Surakarta: Badan Pusat Statistik.
- Badan Pusat Statistik. (2008). *Surakarta dalam Angka 2006*. Surakarta: Badan Pusat Statistik.
- Badan Pusat Statistik. (2010). *Surakarta dalam Angka 2008*. Surakarta: Badan Pusat Statistik.
- Badan Pusat Statistik. (2014). *Surakarta dalam Angka 2014*. Surakarta: Badan Pusat Statistik.
- Badan Pusat Statistik. (2015). *Surakarta dalam Angka 2015*. Surakarta: Badan Pusat Statistik.
- Badan Standardisasi Nasional. (2010). *Standar Nasional Indonesia (SNI) 7645: 2010 Klasifikasi Penutup Lahan*. Jakarta: Badan Standardisasi Nasional.
- Baik, J. J., Kim, Y. H., Kim, J. J., & Han, J. Y. (2007). Effects of Boundary-Layer Stability on Urban Heat Island-Induced Circulation. *Theoretical and Applied Climatology*, 89 , 73-81.
- Bakker, M. M., Alam, S. J., Dijk, J. v., & Rounsevell, M. D. (2015). Land-Use Change Arising from Rural Land Exchange: An Agent-Based Simulation Model. *Landscape Ecol*, 30 , 273-286.
- Coakley, J. A. (2003). Reflectance and Albedo, Surface. *Encyclopedia of Atmospheric Sciences* , 1914-1922.



- Corumluoglu, O., & Asri, I. (2015). The Effect of Urban Heat Island on Izmmir's City Ecosystem and Climate. *Environ Sci Pollut Res*, 22 , 3202-3211.
- Danoedoro, P. (2012). *Pengantar Penginderaan Jauh Digital*. Yogyakarta: Penerbit Andi.
- Dinas Pendapatan dan Pengelolaan Aset Daerah (DPPAD) Provinsi Jawa Tengah. "UP3AD Kota Surakarta". Diakses pada 23 Oktober 2015. <http://dppad.jatengprov.go.id/up3ad-kota-surakarta/>.
- Dixon, C., & B.Leach. (2013). *Metode Pengambilan Sampel Untuk Penelitian Geografi (Diterjemahkan oleh A. D. Martono)*. Yogyakarta: Penerbit Ombak.
- Effat, H. A., & Hassan, O. A. (2014). Change Detection of Urban Heat Islands and Some Related Parameters Using Multi-Temporal Landsat Images: A Case Study for Cairo City, Egypt. *Urban Climate*, 10 (1) , 171-188.
- EPA. (2008). *Reducing Urban Heat Islands: Compendium of Strategies*. Amerika Serikat: Perrin Quarles Associates.
- Fawzi, N. I. (2014). Pemetaan Emisivitas Permukaan Menggunakan Indeks Vegetasi. *Majalah Ilmiah Globe*, 16 (2) , 133-139.
- Gaffin, S. R., Rosenzweig, C., Khanbilvardi, R., Parshall, L., Mahani, S., Glickman, H., et al. (2008). Variations in New York City's Urban Heat Island Strength Over Time and Space. *Theoretical and Applied Climatology*, 94 , 1-11.
- Gargava, P., & Aggarwal, A. L. (1999). Emission Inventory for An Industrial Area of India. *Enviromental Monitoing and Assessment*, 55 (22) , 299-304.
- Guindon, S. M., & Nirupama, N. (2015). Reducting Risk from Urban Heat Island Effects in Cities. *Natural Hazard*, 77 , 823-831.
- He, J. F., Liu, J. Y., Zhuang, D. F., Zhang, W., & Liu, M. L. (2007). Assessing The Effect of Land Use/Land Cover Change on The Change of Urban Heat Island Intensity. *Theoretical and Applied Cimatology*, 90 , 217-226.
- Henderson, J. V. (1994). Externalities and Industrial Development. *Cityscape*, 1 (1) , 75-93.
- Henderson, J. V. (2005). Urbanization and Growth. *Handbook of Economic Growth*, 1 , 1543-1591.



- IPCC. (2001). *Climate Change 2001: The Scientific Basis*. Cambridge: The Press of The University of Cambridge.
- Ischak. (2001). Urbanisasi dan Dampaknya terhadap Lingkungan. *Humaniora*, 13 (3), 275-283.
- Iswanto, P. A. (2008). Urban Heat Island di Kota Pangkalpinang Tahun 2000 dan 2006. *Skripsi*. Jakarta: Fakultas MIPA Universitas Indonesia.
- IULA. (1986). *Urbanization in Developing Countries*. Netherlands: Springer-Science+Business Media.
- Iyengar, S. (2003). Environmental Damage to Land Resource: Need to Improve Land Use Data Base. *Economic and Political Weekly*, 38 (34) , 3596-3604.
- Jana, P. K., & Saha, I. (2011). Correlation of Green House Molecules with Global and Surface Temperature and Its Effect on Environment. *Indian Journal of Physics*, 85 (5) , 667-682.
- Jiao, D., Hu, L., Zuo, W., Tao, Y., Tian-hai, C., & Dong-hai, X. (2012). Retrieving Land Surface Temperature in FuZhou Base on Landsat ETM+ Image Data\* . *Software Engineering and Knowledge Engineering: Teory and Practice*, 114 , 979-985.
- Khaikine, M. N., Kuznetsova, I. N., Kadygrov, E. N., & Miller, E. A. (2006). Investigation of Temporal-Spatial Parameters of An Urban Heat Island on The Basis of Passive Microwave Remote Sensing. *Theoretical and Applied Climatology*, 84 , 161-169.
- Khomarudin, M. R. (2006). Mendeteksi Pulau Panas (Heat Island) dengan Data Satelit Penginderaan Jauh. *Warta LAPAN*, 6 (2) , 74-81.
- Koyano, S. (1996). *Pengkajian tentang Urbanisasi di Asia Tenggara*. Yogyakarta: Gadjah Mada University Press.
- Kuang, W., Liu, Y., Dou, Y., Chi, W., Chen, G., Gao, C., et al. (2015). What are Hot and What are Not in An Urban Landscape: Quantifying and Explaining The Land Surface Temperature Pattern in Beijing China. *Landscape Ecol*, 30 , 357-373.
- Lee, S. H., & Baik, J. J. (2010). Statistical and Dynamical Characteristics of The Urban Heat Island Intensity in Seoul. *Theoretical and Applied Climatology*, 100 , 227-237.



- Li, C. F., Shen, D., Dong, J. S., Yin, J. Y., Zhao, J. J., & Xue, D. (2014). Monitoring of Urban Heat Island in Shanghai, China, from 1981 to 2010 with Satellite Data. *Arab Journal Geosceince*, 7 , 3961-3871.
- Lillesand, T. M., & Kiefer, R. W. (1990). *Penginderaan Jauh dan Interpretasi Citra*. (Dulbahri, P. Suharso, Hartono, Suharyadi, Trans.) Yogyakarta: Gadjah Mada University Press (Buku asli terbit 1979).
- Liu, W., Ji, C., Jiang, X., & Zheng, Z. (2007). Temporal Characteristics of The Beijing Urban Heat Island. *Theoretical and Applied Climatology*, 87 , 213-221.
- Loconte, P., Ceppi, C., Lubisco, G., Mancini, F., Piscitelli, C., & Selicato, F. (2012). Climate Alteration in The Metropolitan Area of Bari: Temperatures and Relationship with Characters of Urban Context. *Computational Science and Its Applications* (pp. 517-531). Brazil: Springer.
- Magee, N., Curtis, J., & Wendler, G. (1999). The Urban Heat Island Effect at Fairbanks, Alaska. *Theoretical and Applied Climatology*, 64 , 39-47.
- Magli, S., Lodi, C., Lombroso, L., Muscio, A., & Teggi, S. (2015). Analysis of The Urban Heat Island Effects on Building Energy Consumption. *Int J Energy Environ Eng*, 6 , 91-99.
- Mölders, N. (2012). Impact of Land-Cover and Land-Cover Changes. In N. Mölders, *Land-Use and Land-Cover Changes: Impact on Climate and Air Quality* (pp. 39-115). USA: Springer Science+ Business Media.
- Nugraheny, D. (2015). Metode Nilai Jarak Guna Kesamaan atau Kemiripan Ciri Suatu Citra (Kasus Deteksi Awan Cumulonimbus Menggunakan Principal Component Analysis). *Jurnal Angkasa*, VII (2). 21-30.
- O'Malley, C., Piroozfarb, P. A., Farr, E. R., & Gates, J. (2014). An Investigation into Minimizing Urban Heat Island (UHI) Effects: A UK Prespective. *Energy Procedia*, 62 , 72-80.
- Oke, T. R. (1977). *Boundary Layer Climate*. London: Methuen & Co. Ltd.
- Paddison, R. (2001). *Handbook of Urban Studies*. Great Britain: Sage Publications.
- Pinho, O. S., & Orgaz, M. D. (2000). The Urban Heat Island in A Small City in Coastal Portugal. *Int J Biometeorol*, 44 , 198-203.



- Sabins, F. F. (2007). *Remote Sensing Principles and Interpretation Third Edition*. USA: Waveland Press, Inc.
- Saefuloh, A. A. (2011). Urbanisasi, Kesempatan Kerja, dan Kebijakan Ekonomi Terpadu. *Tenaga Kerja Indonesia: Antara Kesempatan Kerja, Kualitas, dan Kualitas* , 1-13.
- Salleh, S. A., Abd.Latif, Z., Mohd, W., Mohd, N. W., & Chan, A. (2013). Factors Contributing to the Formation of an Urban Heat Island in Putrajaya, Malaysia. *Procedia - Social and Behavioral Sciences*, 105 , 840-850.
- Santos, M. A., Illanes, C. F., Fornaro, A., & Pedrotti, J. J. (2007). Acid Rain in Downtown São Paulo City, Brazil. *Water Air Soil Pollut: Focus*, 7 , 85-92.
- Stanganelli, M., & Soravia, M. (2012). Connections between Urban Structure and Urban Heat Island Generation: An Analysis through Remote Sensing and GIS. *Computational Science and Its Applications* (pp. 599-608). Brazil: Springer.
- Tjasyono, B. (2004). *Klimatologi Edisi Kedua*. Bandung: Penerbit ITB.
- Touchaei, A. G., & Akbari, H. (2015). Evaluation of The Seasonal Effect of Increasing Albedo on Urban Climate and Energy Consumption of Buildings in Montreal. *Urban Climate*, 14 , 278-289.
- Undang-undang Republik Indonesia Nomor 16 Tahun 1947. Tentang Pembentukan Haminte-Kota Surakarta.
- Undang-undang Republik Indonesia Nomor 26 Tahun 2007. Tentang Penataan Ruang.
- USGS. (2015). *Landsat 8 (L8) Data Users Handbook*. United States: Department of The Interior U.S. Geological Survey.
- Wang, S., Grant, R. F., Versegny, D. L., & Black, T. (2002). Modelling Carbon Dynamics of Boreal Forest Ecosystems Using The Canadian Land Surface Scheme. *Climatic Change*, 55 , 451-477.
- Weng, Q. (2001). A Remote Sensing? GIS Evaluation of Urban Expansion and Its Impact on Surface Temperature in The Zhujiang Delta, China. *International Journal of Remote Sensing*, 22 (10) , 1999-2014.
- Weng, Q., Lu, D., & Schubring, J. (2004) Estimation of Land Surface Temperature-Vegetation Abundance Relationship for Urban Heat Island Studies. *Remote Sensing of Environment*, 89, 467-483.



- Xu, Y., Qin, Z., & Wan, H. (2010). Spatial and Temporal Dynamics of Urban Heat Island and Their Relationship with Land Cover Changes in Urbanization Process: A Case Study in Suzhou, China. *J Indian Soc Remote Sens.* 38 (4) , 654-663.
- Yan, M., & Song, Y. (2012). Studies on The Relationship between Land Use/Cover Types and Urban Heat Island Effect in Changchun. *Soft Computing in Information Communication Technology*, 2 , 337-344.
- Yunus, H. S. (1982). *Klasifikasi Permukiman Kota (Tinjauan Makro)*. Yogyakarta: Fakultas Geografi UGM.
- Yunus, H. S. (2010). *Metode Penelitian Wilayah Kontemporer*. Yogyakarta: Pustaka Pelajar.
- Yunus, H. S. (1989). *Subject Matter dan Metode Penelitian Geografi Permukiman Kota*. Yogyakarta: Fakultas Geografi UGM.
- Zhang, K., Wang, R., Shen, C., & Da, L. (2010). Temporal and Spatial Characteristics of The Urban Heat Island During Rapid Urbanization in Shanghai, China. *Environ Monit Assess*, 169 , 101-112.
- Zhangyan, J., & Yunhao. (2006). On Urban Heat Island Beijing Based on Landsat TM Data. *Geo-spatial Information Science*, 9 , 293-297.