

## REFERENCES

- Addink, E. A., De Jong, S. M., & Pebesma, E. J. (2007). The importance of scale in object-based mapping of vegetation parameters with hyperspectral imagery. *Photogrammetric Engineering and Remote Sensing*, 73(8), 905–912.  
<https://doi.org/10.14358/PERS.73.8.905>
- Addink, E. A., Van Coillie, F. M. B., & de Jong, S. M. (2012). Introduction to the GEOBIA 2010 special issue: From pixels to geographic objects in remote sensing image analysis. *International Journal of Applied Earth Observation and Geoinformation*, 15(1), 1–6.  
<https://doi.org/10.1016/j.jag.2011.12.001>
- Alqurashi, A. F., & Kumar, L. (2016). Spatiotemporal patterns of urban change and associated environmental impacts in five Saudi Arabian cities: A case study using remote sensing data. *Habitat International*, 58, 75–88.  
<https://doi.org/10.1016/j.habitatint.2016.10.001>
- Badri, M. (2007). Dimensions of Industrial Location Factors: Review and Exploration. *Business and Public Affairs*, 1(2), 14–21.
- Berrigan, D., Tatalovich, Z., Pickle, L. W., Ewing, R., & Ballard-Barbash, R. (2014). Urban sprawl, obesity, and cancer mortality in the United States: Cross-sectional analysis and methodological challenges. *International Journal of Health Geographics*, 13.  
<https://doi.org/10.1186/1476-072X-13-3>
- Bialas, J., Oommen, T., & Havens, T. C. (2019). Optimal segmentation of high spatial resolution images for the classification of buildings using random forests. *International Journal of Applied Earth Observation and Geoinformation*, 82, 101895.  
<https://doi.org/10.1016/j.jag.2019.06.005>
- Billings, S. B., & Johnson, E. B. (2012). The location quotient as an estimator of industrial concentration. *Regional Science and Urban Economics*, 42(4), 642–647.  
<https://doi.org/10.1016/j.regsciurbeco.2012.03.003>
- Blaschke, T. (2010). Object based image analysis for remote sensing. *ISPRS Journal of Photogrammetry and Remote Sensing*, 65(1), 2–16.  
<https://doi.org/10.1016/j.isprsjprs.2009.06.004>
- Blaschke, T., Hay, G. J., Kelly, M., Lang, S., Hofmann, P., Addink, E., ... Tiede, D. (2014). Geographic Object-Based Image Analysis - Towards a new paradigm. *ISPRS Journal of Photogrammetry and Remote Sensing*, 87, 180–191.  
<https://doi.org/10.1016/j.isprsjprs.2013.09.014>

- Brueckner, J. K. (2000). Urban Sprawl : Diagnosis and Remedies. *International Regional Science Review*, 23(2), 160–171. <https://doi.org/10.1177/016001700761012710>
- Cai, G., Ren, H., Yang, L., Zhang, N., Du, M., & Wu, C. (2019). Detailed urban land use land cover classification at the metropolitan scale using a three-layer classification scheme. *Sensors*, 19(14). <https://doi.org/10.3390/s19143120>
- Central Bureau of Statistics. (2019). *Produk Domestik Regional Bruto Provinsi Jawa Tengah Menurut Lapangan Usaha 2015-2019*. CBS Central Java.
- Chai, J., Wang, Z., Yang, J., & Zhang, L. (2019). Analysis for spatial-temporal changes of grain production and farmland resource: Evidence from Hubei Province, central China. *Journal of Cleaner Production*, 207, 474–482. <https://doi.org/10.1016/j.jclepro.2018.10.008>
- Chen, G., Weng, Q., Hay, G. J., & He, Y. (2018). Geographic Object-based Image Analysis (GEOBIA): Emerging trends and future opportunities. *GIScience & Remote Sensing*, 1–24. <https://doi.org/10.1080/15481603.2018.1426092>
- Chen, X., & Qian, W. (2020). Effect of marine environmental regulation on the industrial structure adjustment of manufacturing industry: An empirical analysis of China's eleven coastal provinces. *Marine Policy*, 113, 103797. <https://doi.org/10.1016/j.marpol.2019.103797>
- Clinton, N., Holt, A., Scarborough, J., Yan, L. I., & Gong, P. (2010). Accuracy assessment measures for object-based image segmentation goodness. *Photogrammetric Engineering and Remote Sensing*, 76(3), 289–299. <https://doi.org/10.14358/PERS.76.3.289>
- Dawson, R. J., Khan, M. S. A., Gornitz, V., Lemos, M. F., Atkinson, L., Pullen, J., ... Usher, L. (2018). Urban Areas in Coastal Zones. In *Climate Change and Cities*. <https://doi.org/10.1017/9781316563878.016>
- Deichmann, U., Lall, S. V, Redding, S. J., & Venables, A. J. (2008). Industrial Location in Developing Countries. *The World Bank Research Observer*, 23(2), 219–246. <https://doi.org/10.1093/wbro/lkn007>
- Desouza, P., & Malhi, Y. (2017). Land Use Change in India (1700-2000) as Examined through the Lens Human Appropriation of Net Primary Productivity. *Journal of Industrial Ecology*. <https://doi.org/10.1111/jiec.12650>
- Djunaedi, A. (2011). Perencanaan Pengembangan Kawasan Pesisir. *Jurnal Teknologi Lingkungan*, 225–231.
- Doxani, G., Karantzalos, K., & Tsakiri-Strati, M. (2012). Monitoring urban changes based on scale-space filtering and object-oriented classification. *International Journal of Applied*

*Earth Observation and Geoinformation*, 15(1), 38–48.

<https://doi.org/10.1016/j.jag.2011.07.002>

Drăguț, L., Tiede, D., & Levick, S. R. (2010). ESP: A tool to estimate scale parameter for multiresolution image segmentation of remotely sensed data. *International Journal of Geographical Information Science*, 24(6), 859–871.

<https://doi.org/10.1080/13658810903174803>

Gambo, J., Mohd Shafri, H. Z., Shaharum, N. S. N., Abidin, F. A. Z., & Rahman, M. T. A. (2018). Monitoring and Predicting Land Use-Land Cover (LULC) Changes within and around Krau Wildlife Reserve (KWR) Protected Area in Malaysia using Multi-Temporal Landsat Data. *Geoplanning: Journal of Geomatics and Planning*, 5(1), 17–34.

<https://doi.org/10.14710/geoplanning.5.1.17-34>

Gao, T. (2004). Regional industrial growth: Evidence from Chinese industries. *Regional Science and Urban Economics*, 34(1), 101–124. [https://doi.org/10.1016/S0166-0462\(03\)00023-1](https://doi.org/10.1016/S0166-0462(03)00023-1)

Ghosh, P., Mukhopadhyay, A., Chanda, A., Mondal, P., Akhand, A., Mukherjee, S., ... Hazra, S. (2017). Application of Cellular automata and Markov-chain model in geospatial environmental modeling- A review. *Remote Sensing Applications: Society and Environment*, 5, 64–77. <https://doi.org/10.1016/j.rsase.2017.01.005>

Guan, D. J., Li, H. F., Inohae, T., Su, W., Nagaie, T., & Hokao, K. (2011). Modeling urban land use change by the integration of cellular automaton and Markov model. *Ecological Modelling*, 222(20–22), 3761–3772. <https://doi.org/10.1016/j.ecolmodel.2011.09.009>

Hagen, A. (2002). Multi-method assessment of map similarity. *5th AGILE Conference on Geographic Information Science*, 1–8.

Han, F., Xie, R., & Fang, J. (2018). Urban agglomeration economies and industrial energy efficiency. *Energy*, 162, 45–59. <https://doi.org/10.1016/j.energy.2018.07.163>

Hong, S.-Y. (1991). Assessment of coastal zone issues in the Republic of Korea. *Coastal Management*, 19(4), 391–415. <https://doi.org/10.1080/08920759109362151>

Houet, T., & Hubert-moy, L. (2006). Modelling and Projecting Land-Use and Land-Cover Changes With a Cellular Automaton in Considering Landscape Trajectories: an Improvement for Simulation of Plausible Future States. *EASeL EProceedings*, 63–76.

Hudalah, D., Viantari, D., Firman, T., & Woltjer, J. (2013). Industrial land development and manufacturing deconcentration in Greater Jakarta. *Urban Geography*, 34(7), 950–971. <https://doi.org/10.1080/02723638.2013.783281>

Im, J., Jensen, J. R., & Tullis, J. A. (2008). Object-based change detection using correlation

- image analysis and image segmentation. *International Journal of Remote Sensing*, 29(2), 399–423. <https://doi.org/10.1080/01431160601075582>
- Jenness, J., & Wynne, J. (2007). *Cohen's Kappa and Classification Table Metrics*. Retrieved from [http://www.jennessent.com/arcview/kappa\\_stats.htm](http://www.jennessent.com/arcview/kappa_stats.htm)
- Keeble, D. E. (1969). Local Industrial Linkage and Manufacturing Growth in Outer London. *Town Planning Review*, 40(2), 163. <https://doi.org/10.3828/tpr.40.2.6t52663qhg8pgl21>
- Li, Y., Tax, D. M. J., & Loog, M. (2012). Scale selection for supervised image segmentation. *Image and Vision Computing*, 30(12), 991–1003. <https://doi.org/10.1016/j.imavis.2012.08.010>
- Liu, D., & Xia, F. (2010). Assessing object-based classification: Advantages and limitations. *Remote Sensing Letters*, 1(4), 187–194. <https://doi.org/10.1080/01431161003743173>
- Ma, L., Li, M., Ma, X., Cheng, L., Du, P., & Liu, Y. (2017). A review of supervised object-based land-cover image classification. *ISPRS Journal of Photogrammetry and Remote Sensing*, 130, 277–293. <https://doi.org/10.1016/j.isprsjprs.2017.06.001>
- Marfai, M. A., & King, L. (2008). Potential vulnerability implications of coastal inundation due to sea level rise for the coastal zone of Semarang city, Indonesia. *Environmental Geology*, 54(6), 1235–1245. <https://doi.org/10.1007/s00254-007-0906-4>
- Martinez-Galarraga, J. (2012). The determinants of industrial location in Spain, 1856-1929. *Explorations in Economic History*, 49(2), 255–275. <https://doi.org/10.1016/j.eeh.2011.05.012>
- Moghadam, H. S., & Helbich, M. (2013). Spatiotemporal urbanization processes in the megacity of Mumbai, India: A Markov chains-cellular automata urban growth model. *Applied Geography*, 40, 140–149. <https://doi.org/10.1016/j.apgeog.2013.01.009>
- Mondal, M., Kumar, U., Sloman, R., Kulsum, U., Nyunt, P., Khan, M. S. A., & Jalal, R. (2014). *Urban Risk: Hazards and Vulnerability in Khulna and Bagerhat cities*. <https://doi.org/10.13140/RG.2.2.32326.57927>
- Ngcofe, L., Rambau, T., McCalachan, M., Hantibi, F., & Mudau, N. (2017). Application of semi-automated settlement detection for an integrated topographic map information system update in South Africa. *South African Journal of Geomatics*, 6(3), 308. <https://doi.org/10.4314/sajg.v6i3.3>
- Osgouei, P. E., Kaya, S., Sertel, E., & Alganci, U. (2019). Separating built-up areas from bare land in mediterranean cities using Sentinel-2A imagery. *Remote Sensing*, 11(3). <https://doi.org/10.3390/rs11030345>
- Qiu, R., Xu, W., & Zhang, J. (2015). The transformation of urban industrial land use: A

- quantitative method. *Journal of Urban Management*, 4(1), 40–52. <https://doi.org/10.1016/j.jum.2015.07.001>
- Sejati, A. W., & Buchori, I. (2010). A GIS Model for Predicting Disaster Prone Areas Affected by Global Sea-Level Rise: a Case Study of Semarang City. *ICRD International Conference*, 5–12.
- Sejati, A. W., Buchori, I., & Rudiarto, I. (2019). The spatio-temporal trends of urban growth and surface urban heat islands over two decades in the Semarang Metropolitan Region. *Sustainable Cities and Society*, 46, 101432. <https://doi.org/10.1016/j.scs.2019.101432>
- Setiani, A., Prasetyo, Y., & Subiyanto, S. (2016). Optimalisasi Parameter Segmentasi Berbasis Algoritma Multiresolusi untuk Identifikasi Kawasan Industri Antara Citra Satelit Landsat dan Alos Palsar. *Jurnal Geodesi Undip*, 5(4), 112–121.
- Souza-Filho, P. W. M., Nascimento, W. R., Santos, D. C., Weber, E. J., Silva, R. O., & Siqueira, J. O. (2018). A GEOBIA approach for multitemporal land-cover and land-use change analysis in a tropical watershed in the southeastern Amazon. *Remote Sensing*, 10(11). <https://doi.org/10.3390/rs10111683>
- Tian, L., & Zhu, J. (2013). Clarification of collective land rights and its impact on non-agricultural land use in the Pearl River Delta of China: A case of Shunde. *Cities*, 35, 190–199. <https://doi.org/10.1016/j.cities.2013.07.003>
- UNIDO. (1997). *Industrial estates: principles and practice*. Vienna: United Nations Industrial Development Organization.
- United Nations Economic and Social Council. (1964). *The role of industrial estates in policies and programmes for the development of small-scale industries*. Retrieved from <http://repository.uneca.org/handle/10855/5757>
- Walker, R. (2004). Industry builds the city: The suburbanization of manufacturing in the San Francisco Bay Area, 1850-1940. *Manufacturing Suburbs: Building Work and Home*, 92–123.
- Wang, L., Sousa, W. P., & Gong, P. (2004). Integration of object-based and pixel-based classification for mapping mangroves with IKONOS imagery. *International Journal of Remote Sensing*, 25(24), 5655–5668. <https://doi.org/10.1080/014311602331291215>
- Wei, C., Taubenbock, H., & Blaschke, T. (2017). Measuring urban agglomeration using a city-scale dasymetric population map : A study in the Pearl River Delta, China. *Habitat International*, 59, 32–43. <https://doi.org/10.1016/j.habitatint.2016.11.007>
- World Bank. (2005). Dynamics of Urban Expansion. *Nature*, 467(7315), 555–561. <https://doi.org/10.1038/nature09440>

- Xu, L., Wang, X., Liu, J., He, Y., Tang, J., Nguyen, M., & Cui, S. (2019). Identifying the trade-offs between climate change mitigation and adaptation in urban land use planning: An empirical study in a coastal city. *Environment International*, *133*, 105162. <https://doi.org/10.1016/j.envint.2019.105162>
- Zhang, J., Zhang, D., Huang, L., Wen, H., Zhao, G., & Zhan, D. (2019). Spatial distribution and influential factors of industrial land productivity in China's rapid urbanization. *Journal of Cleaner Production*, *234*, 1287–1295. <https://doi.org/10.1016/j.jclepro.2019.06.287>