

DAFTAR PUSTAKA

- Abdullahi, S. and Pradhan, B. 2016. 'Sustainable Brownfields Land Use Change Modeling Using GIS-based Weights-of-Evidence Approach', pp. 21–38. doi: 10.1007/s12061-015-9139-1.
- Ademiluyi, I. A. dan Otun, W. O. 2009. 'Spatial Decision Support Systems (SDSS) and Sustainable Development of the Third World', 10(4), pp. 200–217.
- Angelidou, M. 2014. 'Smart City Policies : A Spatial Approach', *Cities*. Elsevier Ltd, 41, pp. S3–S11. doi: 10.1016/j.cities.2014.06.007.
- Anonim 2012. Peraturan Pemerintah Republik Indonesia, Nomor 40 Tahun 2012 Tentang Pembangunan dan Pelestarian Lingkungan Hidup Bandar Udara.
- Appold, S. J. dan Kasarda, J. D. 2011. 'Seeding Growth at Airports and Airport Cities: Insights from The Two-Sided Market Literature', *Research in Transportation Business and Management*. Elsevier Ltd, 1(1), pp. 91–100. doi: 10.1016/j.rtbm.2011.06.011.
- As-Syakur, A. R. 2008. 'Perubahan Penggunaan Lahan di Provinsi Bali', 6(1), pp. 1–7.
- Asisten Perekonomian dan Pembangunan Setda DIY, 2017. New Yogyakarta International Airport (Nyia) "Mewujudkan DIY Sebagai Daerah Tujuan Wisata dan Budaya Kelas Dunia". Yogyakarta.
- Berke, P. R. dkk. 2006. Urban Land Use Planning. Fifth Edition. Board of Trustees.
- Brail, R. K. 2008. Planning Support Systems for Cities and Regions. Edited by R. K. Brail. Cambridge: Lincoln Institute of Land Policy.
- Chen, W. dkk. 2016. 'Land Use/Land Cover Change and Driving Effects of Water Environment System in Dunhuang Basin, Northwestern China', *Environmental Earth Sciences*. Springer Berlin Heidelberg, 75(12), pp. 1–11. doi: 10.1007/s12665-016-5809-9.
- Chen, Y., Yu, J. dan Khan, S. 2010. 'Spatial Sensitivity Analysis of Multi-Criteria Weights in GIS-Based Land Suitability Evaluation', *Environmental Modelling and Software*, 25(12), pp. 1582–1591. doi: 10.1016/j.envsoft.2010.06.001.
- Collins, M. G., Steiner, F. R. and Rushman, M. J. 2001. 'Land-Use Suitability Analysis in the United States: Historical Development and Promising Technological Achievements', *Environmental Management*, 28(5), pp. 611–621. doi: 10.1007/s002670010247.
- Committee on Needs and Research Requirements for Land Change Modelling 2014. Advancing Land Change Modeling. doi: 10.17226/18385.
- Couclelis, H. 2005. "Where Has the Future Gone ?" Rethinking the Role of Integrated Land-Use Models in Spatial Planning', 37, pp. 1353–1372. doi: 10.1068/a3785.
- Dempsey, J. A. dkk. 2017. 'Effects of Local Land-Use Planning on Development and Disturbance in Riparian Areas', *Land Use Policy*. Elsevier Ltd, 60, pp. 16–25. doi: 10.1016/j.landusepol.2016.10.011.
- Diogo, V. dan Koomen, E. 2012. 'Land-Use Change in Portugal, 1990–2006: Main Processes and Underlying Factors', *Cartographica: The International Journal for Geographic Information and Geovisualization*, 47(4), pp. 237–249. doi: 10.3138/carto.47.4.1504.
- Ditjen Penataan Ruang 2007. 'Pedoman Kriteria Teknis Kawasan Budi Daya: Peraturan Menteri Pekerjaan Umum No. 41/PRT/M/2007', (41), pp. 1–60.



- Downs, A. 2005. 'Smart Growth: Why We Discuss it More than We Do it', *Journal of the American Planning Association*, 71(4), pp. 367–378. doi: 10.1080/01944360508976707.
- DPR dan Bupati Kulon Progo 2013. Peraturan Daerah Kabupaten Kulon Progo No. 1 Tahun 2012 Tentang Rencana Tata Ruang Wilayah Kabupaten Kulon Progo.
- Eastman, J. 1999. 'Multi-criteria Evaluation and GIS', *Geographical Information Systems*, pp. 493–502. Tersedia di: http://www.geos.ed.ac.uk/~gisteac/gis_book_abridged/files/ch35.pdf.
- Feng, L. dan Hong, A. W. 2009. 'Classification Error of Multilayer Perceptron Neural Networks', (688), pp. 377–380. doi: 10.1007/s00521-008-0188-0.
- Finger, M. dan Razaghi, M. 2016. 'Conceptualizing " Smart Cities "', *Informatik-Spektrum*. Springer Berlin Heidelberg. doi: 10.1007/s00287-016-1002-5.
- Geertman, S. dan Stillwell, J. 2004. 'Planning Support Systems : An Inventory of Current Practice', 28, pp. 291–310. doi: 10.1016/S0198-9715(03)00024-3.
- Ghent, C. 2018. 'Mitigating the Effects of Transport Infrastructure Development on Ecosystems', 19(19), pp. 58–68.
- Guan, D. dkk. 2011. 'Modeling Urban Land Use Change by the Integration of Cellular Automaton and Markov Model', *Ecological Modelling*. Elsevier B.V., 222(20–22), pp. 3761–3772. doi: 10.1016/j.ecolmodel.2011.09.009.
- Hossain, M. S. dkk. 2007. 'Multi-criteria Evaluation Approach to GIS-based Land-Suitability Classification for Tilapia Farming in Bangladesh', *Aquaculture International*, 15(6), pp. 425–443. doi: 10.1007/s10499-007-9109-y.
- Hossain, M. S. dan Das, N. G. 2010. 'GIS-based Multi-Criteria Evaluation to Land Suitability Modelling for Giant Prawn (*Macrobrachium rosenbergii*) Farming in Companigonj Upazila of Noakhali, Bangladesh', *Computers and Electronics in Agriculture*, 70(1), pp. 172–186. doi: 10.1016/j.compag.2009.10.003.
- Hu, Z. dan Lo, C. P. 2007. 'Modeling Urban Growth in Atlanta Using Logistic Regression', 31, pp. 667–688. doi: 10.1016/j.compenvurbsys.2006.11.001.
- Jjumba, A. dan Dragi, S. 2012. 'High Resolution Urban Land-use Change Modeling : Agent iCity Approach', pp. 291–315. doi: 10.1007/s12061-011-9071-y.
- John, R. 2008. 'Land Use'. Indiana University
- Joshi, K. K. dan Kono, T. 2009. 'Optimization of Floor Area Ratio Regulation in a Growing City', *Regional Science and Urban Economics*. Elsevier B.V., 39(4), pp. 502–511. doi: 10.1016/j.regsciurbeco.2009.02.001.
- Kasarda, J. 2013. 'Airport Cities : the Evolution', *Paper Report*, (May), pp. 24–27.
- Kasarda, J. D. 2001. 'From Airport City to Aerotropolis', *Airport World*, 6(4), p. 42. Available at: http://www.aerotropolis.com/files/2001_09AirportWorld.pdf.
- Kasarda, J. D. 2006. 'Airport Cities and The Aerotropolis', *Journal of Nothing*, 53(2), pp. 81–87. doi: 10.1007/s13398-014-0173-7.2.
- Kasarda, J. D. 2007. 'Airport Cities & the Aerotropolis: New Planning Models. an Interview with John D. Kasadra', *Airport Innovation*, 4, pp. 106–110. Tersedia di: http://www.aerotropolis.com/files/2007_04_AirportInnovation_NewPLanningModels.pdf.
- Kasarda, J. D. 2010. Global Airport Cities. Edited by J. D. Kasarda. Insight Media.
- Kasarda, J. D. 2015. 'Welcome to Aerotropolis, the City of the Future', *New Perspectives Quarterly*, 32(3), pp. 43–45. doi: 10.1111/npqu.11527.



- Kasarda, J. D. 2017. 'Aerotropolis', *Wiley-Blackwell Encyclopedia of Urban and Regional Studies*, pp. 1–8.
- Katoshevski-cavari, R. 2007. A Multi-Agent Planning Support System for Assessing Externalities of Urban Form Scenarios : Development and Application in an Israeli Case Study Door.
- Kono, T., Kaneko, T. dan Morisugi, H. 2010. 'Necessity of Minimum Floor Area Ratio Regulation: a Second-Best Policy', *Annals of Regional Science*, 44(3), pp. 523–539. doi: 10.1007/s00168-008-0269-0.
- Li, Y., Long, H. dan Liu, Y. 2010. 'Industrial Development and Land Use / Cover Change and Their Effects On Local Environment : a Case Study of Changshu in Eastern Coastal China', 4(4), pp. 438–448. doi: 10.1007/s11783-010-0273-3.
- Lieske, S. N. dan Hamerlinck, J. D. 2015. 'Integrating Planning Support Systems and Multicriteria Evaluation for Energy Facility Site Suitability Evaluation', *URISA*, 26 No 1, p. 13.
- Ligmann-Zielinska, A. dan Jankowski, P. 2007. 'Agent-based Models as Laboratories for Spatially Explicit Planning Policies', *Environment and Planning B: Planning and Design*, 34(2), pp. 316–335. doi: 10.1068/b32088.
- Ligtenberg, A. dkk. 2004. 'A Design and Application of a Multi-Agent System for Simulation of Multi-Actor Spatial Planning', 72, pp. 43–55. doi: 10.1016/j.jenvman.2004.02.007.
- Lillesand, T. M., Kiefer, R. W. dan Chipman, J. W. 2004. Remote Sensing and Image Interpretation. Fifth Edit. John Wiley & Sons, Inc.
- Liu, Y. dkk. 2014. 'Environmental Effects of Land-Use / Cover Change Caused by Urbanization and Policies in Southwest China Karst Area E A Case Study of Guiyang', *Habitat International*. Elsevier Ltd, 44, pp. 339–348. doi: 10.1016/j.habitatint.2014.07.009.
- Lusby, A. K. 2003. 'The Effect of Increased Public Investment in Transportation Infrastructure on Oklahoma's Economic Development', (December).
- Maria, R., Charif, O. dan Katalin, B. 2016. 'Spatial and Temporal Dimensions of Land Use Change in Cross Border Region of Luxembourg . *Development of a hybrid approach integrating GIS , cellular automata and decision learning tree models dis c*', 67, pp. 94–108. doi: 10.1016/j.apgeog.2015.12.001.
- Martini, E. dkk. 2017. Membangun Kebun Campur: Belajar dari Kobun Pocal di Tapanuli dan Lampoeh di Tripa.
- Maryaningsih, N., Hermansyah, O. dan Savitri, M. 2014 'Pengaruh Infrastruktur terhadap Pertumbuhan ekonomi Indonesia', *Buletin Ekonomi Moneter dan Perbankan*, 17(1), pp. 62–98. doi: 10.21098/bemp.v17i1.44.
- Matthews, R. B. dkk. (2007) 'Agent-Based Land-Use Models: a Review of Applications', pp. 1447–1459. doi: 10.1007/s10980-007-9135-1.
- Mirkatouli, J., Hosseini, A. dan Neshat, A. (2015) 'Analysis of Land Use and Land Cover Spatial Pattern Based on Markov Chains Modelling'. doi: 10.1186/s40410-015-0023-8.
- MP, Dan Byles 2015. 'Smart Cities Vision', *Rics Land Journal Urban Development*. pp. 0–2.
- Neirotti, P. dkk. 2014. 'Current Trends in Smart City Initiatives : Some Stylised Facts', *Cities*. Elsevier Ltd, 38, pp. 25–36. doi: 10.1016/j.cities.2013.12.010.
- Noble, M. A., Noble, A. G. dan Costa, F. J. 2000. 'Floor Area Ratio as an Urban



- Development Tool', pp. 127–139.
- Nurmandi, A. 2014. Manajemen Perkotaan: Teori Organisasi, Perencanaan, Perumahan, Pelayanan dan Transportasi Mewujudkan Kota Cerdas. Jusuf Kalla School of Government UMY.
- Pettit, C. J. 2005. 'Use of a Collaborative GIS-Based Planning-Support System to Assist in Formulating a Sustainable-Development Scenario', 32(1998), pp. 523–546. doi: 10.1068/b31109.
- Placeways LLC 2016). 'Working with The Build-Out Wizard', pp. 1–28.
- Planning, R. 1999. 'Structure of a Planning Support System for Urban Development', 26.
- Pratisto, A. dan Danoedoro, P. 2016. 'Dampak Perubahan Penggunaan Lahan Terhadap Respons Debit dan Bahaya Banjir (Studi Kasus di DAS Gesing, Purworejo)', (December 2008).
- Rasyid, A. H. dan Roychansyah, M. S. 2016. 'Masterplan Aerotropolis di Kabupaten Kulon Progo'. Yogyakarta, Universitas Gadjah Mada
- Rutledge, D. dkk. 'Development of Spatial Decision Support Systems to Support Long-term , Integrated Planning', pp. 308–314.
- Ruwandi, A. 2005. Dampak Konversi Lahan Pertanian Terhadap Perubahan Kesejahteraan Petani dan Perkembangan Wilayah. Institut Pertanian Bogor.
- Sedayu, A. 2016. Model Otomata Seluler-Rantai Markov Pada Citra Landsat Multitemporal Untuk Simulasi Dan Prediksi Perubahan Penutupan Lahan (Kasus di Taman Buru Semidang Bukit Kabu dan Wilayah Sekitarnya, Provinsi Bengkulu). Yogyakarta. Universitas Gadjah Mada.
- Sharami, R. S. dan Moshiri, S. R. 2014. 'Considering the Effective Factors on Land use Changes in the Villages Around Metropolises (Case study : City of Rasht , Khomam rural)', 9(2), pp. 492–501.
- Singh, S. dkk. (2017) 'Modeling the Spatial Dynamics of Deforestation and Fragmentation Using Multi-Layer Perceptron Neural Network and Landscape Fragmentation Tool', *Ecological Engineering*. Elsevier B.V., 99, pp. 543–551. doi: 10.1016/j.ecoleng.2016.11.047.
- Swangjang, K. dan Iamaram, V. 2011. 'Change of Land Use Patterns in the Areas Close to the Airport Development Area and Some Implicating Factors', *Sustainability*, 3(9), pp. 1517–1530. doi: 10.3390/su3091517.
- Timmermans, H. 2005. Decision Support System in Urban Planning. London. Taylor and Francis.
- Voogd, H. 1983. 'Multicriteria Evaluation for Urban and Regional Planning', *Pion*, p. 125. doi: 10.6100/IR102252.
- Wardani, D. W. 2015. Kajian Perubahan Penggunaan Lahan Berbasis Citra Satelit Penginderaan Jauh Resolusi Menengah Dengan Metode Multi Layer Perceptron dan Markov Chain (Studi di Sebagian Kabupaten Bantul). Yogyakarta. Universitas Gadjah Mada.
- Yang, Q., Li, X. dan Shi, X. 2008. 'Cellular Automata for Simulating Land Use Changes Based on Support Vector Machines'. doi: 10.1016/j.cageo.2007.08.003.
- Yin, C. dkk. 2015. 'A Literature Survey on Smart Cities', *Science China Information Sciences*, 58(10), pp. 1–18. doi: 10.1007/s11432-015-5397-4.
- Yones, K., Farshad, K. dan Sohaila, E. (2012) 'The Effect of Land Use Change on Soil



- and Water Quality in', pp. 798–816. doi: 10.1007/s11629-012-2301-1.
- Yu, N. dan Qingyun, D. U. (2011) 'Urban Growth Pattern Modeling Using Logistic Regression', 14(1), pp. 62–67. doi: 10.1007/s11806-011-0427-x.
- Zhang, X. dkk. (2013) 'Urban Construction Land Suitability Evaluation Based on Improved Multi-Criteria Evaluation Based on GIS (MCE-GIS): Case of New Hefei City, China', *Chinese Geographical Science*, 23(6), pp. 740–753. doi: 10.1007/s11769-013-0609-6.
- Zubizarreta, I. dkk. 2016 'Smart City Concept : What It Is and What It Should Be', 142(1), pp. 1–8. doi: 10.1061/(ASCE)UP.