



DAFTAR PUSTAKA

- Agarwal, C., Green, G.L., Grove, J.M., Evans, T., and Schweik, C., 2000, A Review and Assessment of Land Use Change Models dynamics of space, time, and human choice. *4th International Conference on Integrating GIS and Environmental Modeling*, Banff, Alberta Canada.
- Aguayo, M.I., Wiegand T., Azocar, G.D., Wiegand, K. and Vega, C.E, 2007, Revealing the Driving Forces of Mid-Cities Urban Growth Patterns Using Spatial Modeling: a Case Study of Los Angeles, Chile. *Ecology and Society* 12 (1):13.
- Almeida, C.M., Gleriani, J.M., Castejon, E.F. and Filho, B.S.S.,2008, Using Neural Networks and Cellular Automata For Modelling Intra-Urban Land-Use Dynamics, *International Journal of Geographical Information Science*, Vol. 22, No. 9, p: 943–963.
- Allen, J. and Lu, K., 2003, Modeling and Prediction of Future Urban Growth in the Charleston Region of South Carolina: a GIS-based Integrated Approach, *Conservation Ecology Vol 8 No 2: 2*.
- Anwar, Morshed, 2002, Land Use Change Dynamics: A Dynamic Spatial Simulation, *Thesis M.Sc.* AIT Bangkok Thailand.
- Aronoff, S. 1989. *Geographic Information Systems: A Management Perspective*. Ottawa, Canada : WDC Publications.
- Arsanjani, J.J., Helbichb, M., Kainza, W., and Bolorani, A.D., 2013, Integration of Logistic Regression, Markov Chain and Cellular Automata Models to Simulate Urban Expansion, *International Journal of Applied Earth Observation and Geoinformation*, No 21 p 265–275.
- Aspinall,R.J and Hill, M.C. (Eds), 2008, *Landuse Change, Science, Policy and Management*, Taylor and Francis, New York.
- Bailey, T.C., 1994, *A Review Of Statistical Spatial Analysis In Geographical Information Systems*, dalam Fotheringham, S., and Rogerson, P. (Eds), 1994, *Spatial Analysis and GIS*, Taylor & Francis, London.
- Benenson, Itzhak dan Torrens, P.M., 2004, *Geosimulation: Automata-based Modeling of Urban Phenomena*, Jhon Willey and Sons Ltd, England.
- Boundeth, S., Nanseki, T., Takeuchi, S and Satho, T., 2012, Land Use Change and Its Determinant Factors in Northern Laos: *Spatial and Socio-economic Analysis, Journal of Agricultural Science; Vol. 4, No. 12*.
- Braimoh, Ademola.K., and Vlek, Paul.L.G., 2008, *Land Use and Soil Resource*, Springer, Stockholm, Sweden.



- Braimoh, Ademola .K., and Onishi ,T., 2007, Spatial determinants of urban land use change in Lagos, Nigeria, *Land Use Policy Vol 24*, 502-515.
- Briassoulis, Helen, 2000, *Analysis of Land Use Change: Theoretical and Modeling Approaches*, *The Weeb Book of Regional Science*.
- Byron, I. and Lesslie, R., 2006, *Spatial Methodologies for Integrating Social and Biophysical Data at a Regional or Catchment Scale* , dalam *Land-Use and Land-Cover Change: Local Processes and Global Impacts* (Eds: Lambin, E.F., dan Geist, H.J) Springer, New York.
- Burrough, P.A. 1987. *Principles of Geographical Information Systems for Land Resource Assessment*, Oxford : Claredon Press.
- Congalton,R.G and Green, Kass, 1999, *Assessing the Accuracy of Remotely Sensed Data:Principles and Practices*, Lewis Publishers.
- Chhabra, A., Geist, H., Houhghton, R.A., Haberls, H., Braimoh, A.K., Vlek, P.L.G., Patz, J., Xu, J., Ramankutty, N., Coomes, O., and Lambin, E.F., 2006, *Multiple Impacts of Land-Use/Cover Change*, dalam *Land-Use and Land-Cover Change: Local Processes and Global Impacts* (Eds: Lambin, E.F., dan Geist, H.J), Springer New York.
- Cresswell, Tim., 2008, *Place a Short Introduction*, Blackwell Publishing Ltd, USA-UK,Australia.
- De Koning, G.H.J., Verburg, P.H., Veldkamp, A and Fresco, L.O., 1999, Multi-scale modelling of land use change dynamics in Ecuador, *Agricultural System Vol 61*, 77-93 Elsevier.
- Drummond, J., Billen, R., João, E., Forrest, D. (Eds), 2007, *Dynamic and Mobile GIS Investigating Changes in Space and Time*, Taylor & Francis Group Boca Raton.
- Etter, A., McAlpine, M., Wilson, K., Phinn, S. and Possingham, 2006, Regional patterns of agricultural land use and deforestation in Colombia, *Agriculture, Ecosystems and Environment Vol. 114*.
- Esteque, R.C. and Murayama, Y., 2012, Introducing new measures of accuracy for land-use/cover change modeling, *Tsukuba Geoenvironmental Sciences, Vol. 8*.
- Flores, Carmen C., and Irwin, Elena G., 2004, Determinant of Residential Land Use Conversion and Sprawl at The Rural-Urban Fringe, *American Journal of Agricultural Economics, Vol 86 No 2*.
- Fotheringham, S., and Rogerson, P. (Eds), 1994, *Spatial Analysis and GIS*, Taylor & Francis, London.
- Grant, W.E., and Swannack, T.M., 2008, *Ecological Modeling: A common-sense approach to theory and practice*, Blackwell Publishing, USA.
- Gomez, Basil and Jones, J.P., (Eds) 2010, *Research Method in Geography: A Critical Introduction*, Blackwell Publishing, UK.



- Goetz, S.J., Shortle, J.S. and Bergstrom, J.C., 2005, *Land Use Problems and Conflicts: Causes, Consequences and Solutions*, Routledge London and New York.
- Guermond, Yves (Ed), 2008, *The Modeling Process in Geography: From Determinism to Complexity*, ISTE Ltd, London and John Wiley & Sons, Inc, USA.
- Gutman, G., Janetos, A.C., Justice, C.O., Moran, E.F., Mustard, J.F., Rindfuss, R.R., Skole, D.L., Turner, B.L. and Cochrane, M.A., 2004, *Land Change Science: Observing, Monitoring and Understanding Trajectories of Change on the Earth's Surface*, Kluwer Academic Publishers, Dordrecht, The Netherlands.
- Gimblett, Randy. (Ed), 2002, *Integrating Geographic Information Systems and Agent-Based Modeling Techniques for Simulating Social and Ecological Processes*, Oxford University Press, Madison Avenue, New York.
- Haining, Robert, 2004, *Spatial Data Analysis: Theory and Practice*, Cambridge University Press.
- Heywood, 1998, *Introduction to Geographical Information Systems*. New York: Addison Wesley Longman.
- Harini, Rika, 2007, Land Conversion and Driving Forces of Urban Fringe Area of Yogyakarta, *Proceeding of Southeast Asean-German Summer School on Urbanization*, Manila.
- Kari, Jarkko., 2005, Theory of Cellular Automata: A Survey, *Theoretical Computer Science*, No 334.
- Kemp, Karen K., 1993, Environmental Modeling with GIS: A Strategy for Dealing with Spatial Continuity, *Technical Report 93-3* . National Center for Geographic Information and Analysis.
- Kemp, Karen.K. (Ed), 2008, *Encyclopedia of Geographic Information Science*, SAGE Publications Inch, California.
- Kline, J.D., 2003, Characterizing Land Use Change in Multidisciplinary Landscape-Level Analyses, *Agriculture and Resource Economics Review Vol 32. No1*: 103-115.
- Kline, J.D., and Alig, R.J., 2001, *A Spatial Model of Land Use Change for Western Oregon and Western Washington*, Research Paper PNW-RP-528, USDA.
- Konecny, Gottfried., 2003, *Geoinformation: Remote Sensing, Photogrammetry and Geographic Information Systems*, Taylor & Francis, London.
- Koomen, E and Stillwell, J., 2007, *Modelling Landuse Change: Theories dan Methods*, Springer, The Netherlands.



- Kok, Kasper and Veldkamp, A., 2001, Evaluating impact of spatial scales on land use pattern analysis in Central America, *Agriculture, Ecosystems and Environment* 85 (2001) 205–221.
- Kuby, M., Tierney, S., Roberts, T and Upchurch, C., 2005, *A Comparison of Geographic Information Systems, Complex Networks, and Other Models for Analyzing Transportation Network Topologies*, Langley Research Center Hampton, Virginia.
- Lambin, E.F., Geist, H.J. and Lepers, E., 2003, Dynamics of Land-Use and Land-Cover Change in Tropical Region, *The Annual Review of Environment and Resources*, Vol. 28.
- Lambin, E.F., dan Geist, H.J (Eds), 2006, *Land-Use and Land-Cover Change: Local Processes and Global Impacts*, Springer New York.
- Lambin, E.F., dan Geist, H.J., Ellis, E. (Eds), 2007, *Causes of Land-Use and Land-Cover Change*, dalam *Encyclopedia of Earth*, Akses internet dari: <http://www.eoearth.org>.
- Lesschen, J.P., Verburg, P.H. dan Staal, S.J., 2005, Statistical Methods for Analysing The Spatial Dimension of Changes In Land Use and Farming Systems, *LUCC Report Series No. 7*, ILRI Kenya and LUCC Focus 3 Office, Wageningen University Netherlands.
- Lloyd, C.D., 2007, *Local Models for Spatial Analysis*, CRC Press New York.
- Liu, Yan., 2009, *Modelling Urban Development with Geographical Information Systems and Cellular Automata*, Taylor & Francis Group Boca Raton.
- Longley, P.A., Goodchild, M.F., Maguire, D.J. and Rhind, D.W., 2005, *Geographic Information System and Science 2nd Edition*, John Wiley & Sons Ltd, West Sussex PO19 8SQ, England.
- Moran, E.F., Skole, D.L. and Turner, B.L., 2004, The Development of The International Land-Use And Land Cover Change (LUCC) Research Program and its Links to Nasa's Land-Cover And Land-Use Change (LUCC) Initiative dalam *Land Change Science: Observing, Monitoring and Understanding Trajectories of Change on the Earth's Surface* (Eds: Gutman et al), Kluwer Academic Publishers, Dordrecht, The Netherlands
- Maguire, D.J., 1991. *An overview and definition of GIS* dalam Maguire, D.J., Goodchild, M.F., and Rhind, D.W. (Eds.). *Geographical Information Systems. Vol. 1: Principles*. Longman.
- Matthews, J.A and Herbert, D.T., 2008, *Geography: A Very Short Introduction*, Oxford University Press.
- Mather, Paul.M., 2004, *Computer Processing of Remotely-Sensed Image: An Introduction*, John Wiley & Sons Ltd – West Sussex United Kingdom.
- Parker, R.N., and Asencio, E.K., 2008, *GIS and Spatial Analysis for the Social Sciences: Coding, Mapping and Modeling*, Routledge, New York.



- Platt, R.H., 2004, *Land Use and Society*, Island Press, Washington-Covelon-London.
- Pontius Jr, R.G., Huffaker, D., and Denmand, K., 2004, Useful techniques of validation for spatially explicit land-change models, *Ecological Modelling Vol 179*.
- Reddy, M.A., 2008, *Text Book of Remote Sensing and Geographic Information Systems*, BS Publication, Hyderabad.
- Sargent, Robert G, 1998. *Verification and Validation of Simulation Models, Proceedings of the 1998 Winter Simulation Conference*. Akses Internet dari <http://www.informs-cs.org/>
- Sherman, Michael., 2011, *Spatial Statistic and Spatio-Temporal Data : Covariance Functions and Directional Properties*, John Wiley & Sons Ltd – West Sussex United Kingdom.
- Sanders, Lena., 2007, *Model in Spatial Analysis*, ISTE Ltd London W1T 5DX UK
- Shaw, I.G.R., Dixon, D.P. and Jones, J.P., 2010, Theorizing Our World, dalam, *Research Method in Geography: A Critical Introduction*, Gomez, Basil and Jones, J.P (Eds), Blackwell Publishing, UK.
- Sim, J and Wright, C.C., 2005. The Kappa Statistic in Reliability Studies: Use, Interpretation, and Sample Size Requirements, *Physical Therapy Vol 85. No. 3*.
- Singh, Anujh K., 2003. *Modelling Land Use and Land cover Changes Using Cellular Automata in Geo-Spatial Environment*, Thesis M.Sc. ITC Enschede.
- Susilo, Bowo., 2008, Model SIG-Binary Logistic Regression untuk Prediksi Perubahan Penggunaan lahan di Derah Pinggiran Kota Yogyakarta, *Thesis Master*, Fakultas Ilmu dan Teknologi Kebumian, Institut Teknologi Bandung.
- Verburg, P.H., de Koning, G.H.J., Kok, K., Veldkamp, A., and Bouma, J., 1999, A Spatial Explicit Allocation Procedure for Modelling The Pattern of Land Use Change Based Upon Actual Land Use, *Ecological Modelling 116 (1999) 45–61*.
- Verburg, P.H., Kok, K., Pontius Jr, R.G., Veldkamp, A., 2006, *Modeling Land-Use and Land-Cover Change*, dalam Lambin, E.F., dan Geist, H.J (Eds), 2006, *Land-Use and Land-Cover Change: Local Processes and Global Impacts*, Springer New York.
- Wainer, G.A., 2009, *Discrete-Event Modeling and Simulation : A Practitioner's Approach*, CRC Press New York.
- Wainwright, J. and Mulligan, M. (Eds), 2004, *Environmental Modelling Finding Simplicity in Complexity*, John Wiley & Sons Ltd – England.



- Wannasai, N and Shrestha, R.P., 2007, Determinants of Rural Land-use Change in Prasae Watershed Area of Thailand, *Asia-Pacific Journal of Rural Development Vol. XVII, No. 2*.
- Weaver, Kevin and Perera, Ajith.H., 2004, *Modelling land cover transitions: A solution to the problem of spatial dependence in data, Landscape Ecology 19: 273–289*, Kluwer Academic Publishers.
- Yang, Chaowei., Wong, David ., Miao, Qianjun., Yang, Ruixin., 2011, *Advanced Geoinformation Science*, CRC Press Taylor & Francis Group, Boca Raton USA.