

## DAFTAR PUSTAKA

- A. Weber, "über den Standort der Industrien," Tübingen Theory of the Location of Industries, University of Chicago Press, 1909.
- Adell, G. (1999) Theories and Models of the Peri-urban Interface: A Changing Conceptual Landscape. London: The Development Planning Unit, University College London.
- Agrawal, A., Ribot, J.C., (1999), Accountability in Decentralization: A Framework with South Asian and West African Cases. *The Journal of Developing Areas* 33, pp. 473-502.
- Ahmad, M., Tang, X.-W., Qiu, J.-N., & Ahmad, F. (2019). Interpretive Structural Modeling and MICMAC Analysis for Identifying and Benchmarking Significant Factors of Seismic Soil Liquefaction. *Applied Sciences*, 9(2), 233. <https://doi.org/10.3390/app9020233>
- Ahmed, M. T., Saleh, M., Abdelkadir, A. F., & Abdelrahim, A. (2009). El Maghara scenario a search for sustainability and equity: An Egyptian case study. *Journal of Futures Studies*, 14(2), 55–90.
- Akadir, L. N., Ismail, I., & Sulaiman, S. (2019). Tanggung Jawab Pemerintah Daerah Dalam Perlindungan Alih Fungsi Lahan Pertanian Pangan Berkelanjutan. *Jurnal IUS Kajian Hukum Dan Keadilan*, 7(3), 477–494. <https://doi.org/10.29303/ius.v7i3.674>
- Almatsier, S. 2001. Prinsip Dasar Ilmu Gizi. Jakarta: Gramedia Pustaka Utama
- Almeida, M. F. L. de, & Moraes, C. A. C. de. (2013). Diffusion of emerging technologies for sustainable development: Prospective assessment for public policies. *Journal of Technology Management and Innovation*, 8(3), 228–238. <https://doi.org/10.4067/S0718-27242013000300021>
- Alonso, W. (1964). Location and Land Use. Toward a General Theory of Land Rent. Cambridge: Harvard University Press. <http://dx.doi.org/10.4159/harvard.9780674730854>
- Alterman, R. (2012). Land-use regulations and property values: The "windfalls capture" idea revisited. Dalam N. Brooks, K. Donaghy, & G. J. Knapp (Eds.), *The Oxford handbook on urban economics and planning* (hlm. 755–786). Oxford University Press.
- Alwi, L.O., R.M. Iswandi, A. Gafaruddin, L.O.K. Arif, L.O.A. Dedu, M. Abadi and L.O.M. Munadi. 2025. The Effectiveness of institutional governance in controlling agricultural and plantation land conversion in Kendari city, Southeast Sulawesi, Indonesia. *Sarhad Journal of Agriculture*, 41(2): 684-699. <https://dx.doi.org/10.17582/journal.sja/2025/41.2.684.699>

- Ambrosio Albala, Mateo & Delgado, Maria del Mar, (2008). "Understanding rural areas dynamics from a complex perspective. An application of Prospective Structural Analysis," 2008 International Congress, August 26-29, 2008, Ghent, Belgium 44159, European Association of Agricultural Economists.
- American Farmland Trust. (2022). *Annual report 2022: Saving the land that sustains us*.
- Analia, Devi. Peran Stakeholder dalam Meningkatkan Kinerja Usaha Mikro Kecil di Kota Padang, Sumatera Barat. *Industria: Jurnal Teknologi dan Manajemen Agroindustri*, [S.l.], v. 9, n. 3, p. 203-216, dec. 2020. ISSN 2549-3892. Available at: <<https://industria.ub.ac.id/index.php/industri/article/view/515>>. Date accessed: 19 dec. 2025. doi:<http://dx.doi.org/10.21776/ub.industria.2020.009.03.5>.
- Anastasia Stratigea, 2013. "Participatory Policy Making In Foresight Studies At The Regional Level - A Methodological Approach," *Regional Science Inquiry*, Hellenic Association of Regional Scientists, vol. 0(1), pages 145-161, June.
- Anderson, K., Rausser, G., & Swinnen, J. (2013). Political economy of public policies: Insights from distortions to agricultural and food markets. *Journal of Economic Literature*, 51(2), 423–477. <https://doi.org/10.1257/jel.51.2.423>
- Andriawan, R., Martanto, R., & Muryono, S. (2020). Evaluasi Kesesuaian Potensi Lahan Pertanian Pangan Berkelanjutan Terhadap Rencana Tata Ruang Wilayah. *Tunas Agraria*, 3(3). <https://doi.org/10.31292/jta.v3i3.126>
- Appelt, J. L., Rojas, D. C. G., Verburg, P. H., & van Vliet, J., 2022. Socioeconomic outcomes of agricultural land use change in Southeast Asia. *Ambio*, 51, 1094–1109. <https://doi.org/10.1007/s13280>
- Arifin, B. 2001. *Spektrum Kebijakan Pertanian Indonesia*. Jakarta : Erlangga.
- Ariyani, N., Fauzi, A., & Umar, F. (2020). Model hubungan aktor pemangku kepentingan dalam pengembangan potensi pariwisata Kedung Ombo. *Jurnal Ekonomi Dan Bisnis*, 23(2), 357–378. <https://doi.org/10.24914/jeb.v23i2.3420>
- Asnawi, R., Arifin, B., Zakaria, W. A., Banuwa, I. S., & Abidin, Z. (2020). *Analysis of key variables for rice farming sustainability in the downstream of Sekampung watershed: An application of MICMAC method*. *Plant Archives*, 20(2), 7895–7904.
- Ayubi, Noorachmat, B. P., dan Purwanto, M. Y. (2023). Dynamic Model for Food Security to Realize Food Sovereignty: Case Study in Bantul Regency of

- Yogyakarta Special Region. ). *Jurnal Ilmu Lingkungan*, 21(1), 210-219, doi:10.14710/jil.21.1.210-219
- Ayunita, K. T., Putu Widiati, I. A., & Utama, I. N. 2021. Pengendalian Alih Fungsi Lahan Pertanian Pangan Berkelanjutan. *Jurnal Konstruksi Hukum*, 2(1), 160–164. <https://doi.org/10.22225/jkh.2.1.2987.160-164>
- Barati, A.A.; Azadi, H.; Dehghani Pour, M.; Lebailly, P.; Qafari, M. Determining Key Agricultural Strategic Factors Using AHP-MICMAC. *Sustainability* 2019, 11, 3947. <https://doi.org/10.3390/su11143947>
- Barbier, E. B., & Hochard, J. P. (2018). Land degradation and poverty. *Nature Sustainability*, 1(11), 623–631. <https://doi.org/10.1038/s41893-018-0155-4>
- Barlas, Y. (1996). Formal aspects of model validity and validation in system dynamics. *System Dynamics Review*, 12(3), 183–210.
- Bassi, A. M., Bianchi, M., Guzzetti, M., Pallaske, G., & Tapia, C. 2021. Improving the understanding of circular economy potential at territorial level using systems thinking. *Sustainable Production and Consumption*, 27, 128–140.
- Bell, W. (1996). An overview of futures studies. *The knowledge base of futures studies: Foundations*, 1, 28-56.
- Bendahan S, Camponovo G, Pigneur Y. (2004). Multi-issue actor analysis: tools and models for assessing technology environments. *Journal on Decision Systems* 13(4) pp. 871-892.
- Benjumea-Arias, M.L., Castañeda, L., & Valencia-Arias, A. (2016). Structural Analysis of Strategic Variables through MICMAC Use: Case Study. *Mediterranean journal of social sciences*, 7, 11.
- Bidira, K., Tamiru, D., & Belachew, T. 2022. Effect of community-based nutritional education on dietary diversity and consumption of animal-source foods among rural preschool-aged children in the Ilu Abba Bor zone of southwest Ethiopia: Quasi-experimental study. *Maternal & Child Nutrition*, 18, e13394. <https://doi.org/10.1111/mcn.13394>
- Bondansari. 2024. Model Perlindungan Lahan Sawah dan Kecukupan Beras Berkelanjutan di Kabupaten Banyumas Provinsi Jawa Tengah. IPB University.
- Bryant, Christopher & Bousbaine, Antonia. (2014). Actor Dynamics and Sustainable Development: Emerging Roles of Researchers. *Revue Canadienne de Géographie Tropicale*. 1. 1-5.
- Bryceson, D., Kay, C., & Mooij, J. (Eds.). (2000). *Disappearing peasantries? Rural labour in Africa, Asia and Latin America*. Intermediate Technology Publications.

- Bryson, J. M. (2004). What to do when Stakeholders matter: Stakeholder Identification and Analysis Techniques . *Public Management Review*, 6(1), 21–53. <https://doi.org/10.1080/14719030410001675722>
- Burchfield, M., Overman, H., Puga, D., & Turner, M. (2006). Causes of Sprawl: A Portrait from Space. *The Quarterly Journal of Economics*, 121(2), 587–633. <https://doi.org/10.1162/qjec.2006.121.2.587>
- Caldwell, W., Epp, S., Wan, X., Singer, R., Drake, E., & Sousa, E. C. (2022). Farmland preservation and urban expansion: Case study of Southern Ontario, Canada. *Frontiers in Sustainable Food Systems*, 6, Article 777816. <https://doi.org/10.3389/fsufs.2022.777816>
- Cheevapattananuwong, P., Baldwin, C., Lathouras, A., & Ike, N. (2020). Social Capital in Community Organizing for Land Protection and Food Security. *Land*, 9(3), 69. <https://doi.org/10.3390/land9030069>
- Christaller, W. (1933) Die Zentralen Orte in Suddeutschland, Fischer, Jena. In: Baskinm, L.W., Ed., Central Places in Southern Germany, Prentice Hall, Englewood Cliffs.
- Christopher S. Tang, Yulan Wang, Ming Zhao. 2023. The Impact of Input and Output Farm Subsidies on Farmer Welfare, Income Disparity, and Consumer Surplus. *Management Science* 70(5):3144-3161. <https://doi.org/10.1287/mnsc.2023.4850>
- Chu, L., Nguyen, H. T. M., Kompas, T., Dang, K., & Bui, T. (2021). Rice land protection in a transitional economy: The case of Vietnam. *Heliyon*, 7(4), Article e06754. <https://doi.org/10.1016/j.heliyon.2021.e06754>
- Clapp, J. (2017). Food self-sufficiency: Making sense of it, and when it makes sense. *Food Policy*, 66, 88–96. <https://doi.org/10.1016/j.foodpol.2016.12.001>
- Creswell, J. W. (2009). Research Design: Qualitative, Quantitative and Mixed Approaches (3rd Edition). In *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*.
- Creswell, J. W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches* (4th ed.). SAGE Publications.
- Creswell, J. W., & Creswell, J. D. (2022). *Research design: Qualitative, quantitative, and mixed methods approaches* (6th ed.). SAGE Publications.
- De Tong, Jun Chu, Ian MacLachlan, Junli Qiu, Tao Shi, Modelling the Impacts of land finance on urban expansion: Evidence from Chinese cities, *Applied Geography*, Volume 153. 2023. 102896, ISSN 0143-6228, <https://doi.org/10.1016/j.apgeog.2023.102896>.

- Deininger, K., & Byerlee, D. (2012). The rise of large farms in land abundant countries: Do they have a future? *World Development*, 40(4), 701–714. <https://doi.org/10.1016/j.worlddev.2011.04.030>
- Del Mar Delgado-Serrano, M., Vanwildemeersch, P., London, S., Ortiz-Guerrero, C. E., Semerena, R. E., & Rojas, M. (2016). Adapting prospective structural analysis to strengthen sustainable management and capacity building in community-based natural resource management contexts. *Ecology and Society*, 21(2). <http://www.jstor.org/stable/26270386>
- Denzin, N.K. & Lincoln, Y.S. (2018). *The Sage Handbook of Qualitative Research*.
- Denzin, Norman K. ; Lincoln, Yvonna S..*Handbook Of Qualitative Research / Norman K. Denzin .2009*
- Direktorat Pangan dan Pertanian, B., 2015. *Evaluasi Implementasi Kebijakan Lahan Pertanian Pangan Berkelanjutan (LP2B)*.
- Dorward, A. (2009). Rethinking agricultural input subsidy programmes in developing countries. Dalam A. Elbehri & A. Sarris (Eds.), *Non-distorting farm support to enhance global food production* (hlm. 311–374). Food and Agriculture Organisation of the United Nations. <https://dx.doi.org/10.2139/ssrn.1808847>
- Dubey, R., & Ali, S. S. (2014). Identification of flexible manufacturing system dimensions and their interrelationship using total interpretive structural modelling and fuzzy MICMAC analysis. *Global Journal of Flexible Systems Management*, 15(2), 131–143. <https://doi.org/10.1007/s40171-014-0058-9>
- Dunn, W. N. (2018). *Public policy analysis: An integrated approach* (6th ed.). Routledge.
- Dunn, William N. 2003. Pengantar Analisis Kebijakan Publik (Alih Bahasa oleh Samoedra Wibawa, Diah Asitadani, Agus Heruanto Adna, dan Erwan Agus Purwanto). Yogyakarta: Gadjah Mada University Press
- E N Dirman *et al* 2018 *IOP Conf. Ser.: Earth Environ. Sci.* 196 012047
- Eneh, C.A., Eneh, O.C. A system dynamics analysis of agricultural practices and food security in Nigeria. *J Health Popul Nutr* 44, 285 (2025). <https://doi.org/10.1186/s41043-025-01037-4>
- Erfrissadona, Y., Sulistyowati, L., & Setiawan, I., 2020. Valuasi Ekonomi Lingkungan Akibat Alih Fungsi Lahan Pertanian (Suatu Kasus di Kota Tasikmalaya, Jawa Barat). *Jurnal Sosial Ekonomi Pertanian*, 13(1), 1–15. <https://jurnal.unej.ac.id/index.php/JSEP>
- FAO. (2014). *Building a Common Vision for Sustainable Food and Agriculture*.

- Food Agriculture Organization of the United Nations (FAO), 2006. Food Security. *Policy Brief*. Tersedia pada laman: [https://www.fao.org/fileadmin/templates/faoitally/documents/pdf/pdf\\_Food\\_Security\\_Cocept\\_Note.pdf](https://www.fao.org/fileadmin/templates/faoitally/documents/pdf/pdf_Food_Security_Cocept_Note.pdf) [Diakses pada Juni 2024]
- Faoziyah, U., Rosyaridho, M. F., & Panggabean, R. (2024). Unearthing agricultural land use dynamics in Indonesia: Between food security and policy interventions. *Land*, 13(12), 2030. <https://doi.org/10.3390/land13122030>
- Fauzi, A. (2019). *Teknik analisis keberlanjutan*. Gramedia Pustaka Utama.
- Febryano, I. G., Suharjito, D., Darusman, D., & Kusmana, C. (2015). *Aktor dan relasi kekuasaan dalam pengelolaan mangrove di Kabupaten Pesawaran, Lampung*. *Jurnal Analisis Kebijakan Kehutanan*, 12(2), 123–138.
- Fernández, M. J. G. (2015). *Improving food access for poor households in Indonesia: Cash transfers and the Raskin program reform* [Policy Analysis Exercise]. Harvard Kennedy School.
- Firmansyah, I., 2016. *Model Pengendalian Konversi Lahan Sawah Di Dalam Das Citarum*. IPB University.
- Flick, U. (2018). *Doing triangulation and mixed methods*. SAGE Publications Ltd, <https://doi.org/10.4135/9781529716634>
- Foresster, J.W. 1992. *System Dynamics, Systems Thinking, and Soft OR*. Sloan School of Management Massachusetts Institute of Technology. Cambridge, MA 2139. USA. <ftp://sysdyn.mit.edu/ftp/sdep/papers/D-4405-1.html>.
- Foresster, J.W. 2009. *Some Basic Concepts in System Dynamics*. Sloan School of Management Massachusetts Institute of Technology. Cambridge
- Forrester, J. W. (1961). *Industrial Dynamics*. Massachusetts Institute of Technology Press.
- Forrester, J. W. (1969). *Urban Dynamics*. Cambridge, Mass.: MIT Press.
- Forrester, J. W., & Senge, P. M. (1980). *Tests for building confidence in system dynamics models*. Dalam *System Dynamics*. North-Holland.
- Furuseth, O. J., & Pierce, J. T., 1982. *A Comparative Analysis Of Farmland Preservation Programmes In North America*. *The Canadian Geographer*, XXVI(3), 191–206.
- Godet, M. (1991). *From Anticipation to Action: A Handbook of Strategic Prospective*. Paris: UNESCO.
- Godet, M. (1994). *From anticipation to action: A handbook of strategic prospective*. UNESCO Publishing.

- Godet, M. (2000). The art of scenarios and strategic planning: tools and pitfalls. *Technological forecasting and social change*, 65(1), 3-22.
- Godet, M. (2006) *Creating Futures: Scenario Planning as a Strategic Management Tool*. Economica, Paris.
- Godet, M., & Durance, P. (2011). Strategic foresight for corporate and regional development (pp. 1-180). Unesco Publishing.
- Godet, M., & Durance, P. (2011). *Strategic Foresight: For Corporate Strategy*. World Scientific Publishing Co.
- Godet, M., & Roubelat, F. 1996. Creating the future: The use and misuse of scenarios. *Futures*, 28(4), 329–346.  
Link:<https://www.sciencedirect.com/science/article/abs/pii/0024630196000040>  
(OA PDF ringkas:  
[https://en.lapropective.fr/dyn/anglais/articles/use\\_and\\_misuse.pdf](https://en.lapropective.fr/dyn/anglais/articles/use_and_misuse.pdf)).  
ScienceDirecten.lapropective.fr
- Gollin, D., Lagakos, D., & Waugh, M. E. (2014). The Agricultural Productivity Gap. *Quarterly Journal of Economics*, 129(2), 939–993.  
<https://doi.org/10.1093/QJE/QJT056>
- Guest, G., Bunce, A., & Johnson, L. .2006. How Many Interviews Are Enough?: An Experiment with Data Saturation and Variability: An Experiment with Data Saturation and Variability. *Field Methods*, 18(1), 59-82.  
<https://doi.org/10.1177/1525822X05279903> (Original work published 2006)
- Hakim, M. A. 2014. *Memperkuat Ketahanan Pangan Demi Masa Depan Indonesia 2015-2025*.cv. rumah buku, Jakarta.
- Hall, D., Hirsch, P., & Li, T. M. (2011). *Powers of exclusion: Land dilemmas in Southeast Asia*. NUS Press.
- Hall, R., Edelman, M., Borras, S. M., Jr., Scoones, I., White, B., & Wolford, W. (2015). Resistance, acquiescence or incorporation? An introduction to land grabbing and political reactions ‘from below’. *The Journal of Peasant Studies*, 42(3-4), 467–488.  
<https://doi.org/10.1080/03066150.2015.1036746>
- Han, X., Li, Y., Wang, Y. & Jin, J. (2023). Identifying the Drivers of Habitat Quality in Beizhen with Consider Arable Land Protection Based on the PLUS-InVEST Model. *Polish Journal of Environmental Studies*, 32(5), 4593–4605. <https://doi.org/10.15244/pjoes/168106>
- Hanani, Nuhfil dan Iwan Nugroho. 2006. *Kebutuhan Investasi Sektor Pertanian Berbasis Pengembangan Komoditi: Pendekatan Input-Output*. Agrivita FP Unibraw. Volume 28 No.2, Juni 2006. Halaman 114 -125

- Haryanto, Y., Rusmono, M., Aminudin, A., Pury Purboingtyas, T., & Gunawan, G. (2022). Analisis Penguatan Kelembagaan Ekonomi Petani pada Komunitas Petani Padi di Lokasi Food Estate. *Jurnal Penyuluhan*, 18(02), 323-335. <https://doi.org/10.25015/18202241400>
- Healey, P. (2006). Collaborative Planning: Shaping Places in Fragmented Societies. Palgrave Macmillan.
- Hermans, L. (2005). Actor analysis for water resources management: putting the promise into practice. Eburon Uitgeverij BV.
- Hermans, L. M., & Thissen, W. A. H. 2009. Actor analysis methods and their use for public policy analysts. *European Journal of Operational Research*, 196(2), 808–818. <https://doi.org/10.1016/j.ejor.2008.03.040>
- Heryanto, M. A., & Nugraha, A. (2024). Alih Fungsi dan Perlindungan Lahan Pertanian: Pendekatan Sistem. *Mimbar Agribisnis: Jurnal Pemikiran Masyarakat Ilmiah Berwawasan Agribisnis*, 10(2), 3568-3580.
- Hidayat, A. dan A. Mulyani. 2002. Lahan Kering untuk Pertanian. Dalam Teknologi Pengelolaan Lahan Kering. Penyunting: A. Adimihardja, Mappaona dan A. Saleh. Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Badan Litbang Deptan, Bogor. Hal. 1-34.
- Inayatullah S (2008), "Six pillars: futures thinking for transforming". *Foresight*, Vol. 10 No. 1 pp. 4–21, doi: <https://doi.org/10.1108/14636680810855991>
- Indra, M., Rafi, M., & Handoko, T. (2024). The importance of strengthening land law enforcement in regulation of land registration. *Journal of Governance & Regulation*, 13(1), 73–82. <https://doi.org/10.22495/jgrv13i1art7>
- Indrianti, M. A. (2024). *Model kebijakan perlindungan lahan pertanian pangan berkelanjutan (PLP2B) di Kabupaten Gorontalo*. Skripsi. Universitas Hasanuddin.
- Irawan, B. 2003. Konversi Lahan Sawah di Jawa dan Dampaknya Terhadap Produksi Padi. *Ekonomi Padi dan Beras Indonesia* : 295325. Badan Litbang Pertanian.
- Irwin, E. G., & Geoghegan, J. (2001). Theory, data, methods: Developing spatially explicit economic models of land use change. *Agriculture, Ecosystems & Environment*, 85(1), 7–24 . [https://doi.org/10.1016/S0167-8809\(01\)00200-6](https://doi.org/10.1016/S0167-8809(01)00200-6)
- Irwin, E. G., Cho, H. J., & Bockstael, N. E. (2007). Measuring the amount and pattern of land development in nonurban areas. *Applied Economic Perspectives and Policy*, 29(3), 494–501. <https://doi.org/10.1111/j.1467-9353.2007.00360.x>

- Iskandar, I., Miftah, H., & Yusdiarti, A. (2016). Implementasi program Perlindungan Lahan Pertanian Pangan Berkelanjutan (PLP2B) di Kabupaten Garut Jawa Barat (Kasus di Desa Jati Kecamatan Tarogong Kaler Kabupaten Garut). *Jurnal AgribiSains*, 2(2), 11–18.
- J. H. von Thünen, “Der Isolierte Staat in Beziehung auf Landwirtschaft und Nationalökonomie,” Hamburg, 1826.
- Janti, G. I., Martono, E., & Subejo, S. (2016). *Perlindungan lahan pertanian pangan berkelanjutan guna memperkuat ketahanan pangan wilayah (Studi di Kabupaten Bantul, Daerah Istimewa Yogyakarta)*. *Jurnal Ketahanan Nasional*, 22(1). <https://doi.org/10.22146/jkn.16666>
- Jaziri, R., & Boussaffa, A. (2010). A Prospective Analysis Study of Sustainable Tourism in Tunisia
- Jaziri, R., & Boussaffa, A. (2010). A Prospective Analysis Study of Sustainable Tourism in Tunisia Using Scenario Method. International Conference “Global Sustainable tourism,” 1–33.
- Jin, Y., Ding, J., Chen, Y., Zhang, C., Hou, X., Zhang, Q., & Liu, Q. (2023). Urban Land Expansion Simulation Considering the Increasing versus Decreasing Balance Policy: A Case Study in Fenghua, China. *Land*, 12(12), 2099. <https://doi.org/10.3390/land12122099>
- Jorge A. Rincón Barajas, Christoph Kubitzka, Jann Lay, Large-scale acquisitions of communal land in the Global South: Assessing the risks and formulating policy recommendations, *Land Use Policy*, Volume 139. 2024. 107054, ISSN 0264-8377. <https://doi.org/10.1016/j.landusepol.2024.107054>.
- Kadaifci, C. 2024. A new approach to MACTOR considering interaction effects: An example from the telecommunications industry in Turkey. *Technological Forecasting and Social Change*, 209, 123793. <https://doi.org/10.1016/j.techfore.2024.123793>
- Kalfas, D., Kalogiannidis, S., Papaevangelou, O., Melfou, K., & Chatzitheodoridis, F. (2024). Integration of Technology in Agricultural Practices towards Agricultural Sustainability: A Case Study of Greece. *Sustainability*, 16(7), 2664. <https://doi.org/10.3390/su16072664>
- Karenina, A., Rustiadi, E., & Syaukat, Y. (2016). Strategi perlindungan lahan pertanian pangan berkelanjutan di Kabupaten Tangerang. *Jurnal IPB University*.
- Kesuma, M., Fitria, D., & Umar, A. U. A. .2021. Pengaruh Harga, Kualitas Produk, Dan Promosi Terhadap Keputusan Pembelian Produk Pattaya Corner Kota Salatiga. (2021). *JIMU (JURNAL ILMIAH MANAJEMEN UBHARA)*, 3(1). <https://ejurnal.ubharajaya.ac.id/index.php/JIMU/article/view/2826>

- Khikmatul, I., Resista, V., Agus, S., Eka, R., & Zakia. (2021). Food resilience policy 2012-2020: A perspective of food supply chain and logistics In Indonesia. *Journal of management Information and Decision Sciences*, 24(S1), 1-8.
- Kik, M. C., Claassen, G.D.H., Meuwissen, M.P.M., Smit, A.B., & Saatkamp, H.W. (2021). Actor analysis for sustainable soil management: A case study from the Netherland. *Land Use Policy*, 107, 105491. <https://doi.org/10.1016/j.landusepol.2021.105491>
- Krippendorff (2018) – Content Analysis: An Introduction to Its Methodology
- Kuang, B., Han, J., Lu, X., Zhang, X., & Fan, X. (2020). Quantitative evaluation of China's cultivated land protection policies based on the PMC-Index model. *Land Use Policy*, 99, 105062. <https://doi.org/10.1016/j.landusepol.2020.105062>
- Kurowska, K., Kryszk, H., Marks-Bielska, R., Mika, M., & Leń, P., 2020. Conversion of agricultural and forest land to other purposes in the context of land protection: Evidence from Polish experience. *Land Use Policy*, 95. <https://doi.org/10.1016/j.landusepol.2020.104614>
- Laksana, S., 2019. *Mengapa Sulit Melindungi Lahan Pertanian Pangan Secara Berkelanjutan?*
- Li, M. (2019). The effect of land use regulations on farmland protection and non-agricultural land conversions in China. *Australian Journal of Agricultural and Resource Economics*, 63(3), 643–667. <https://doi.org/10.1111/1467-8489.12311>
- Lu, X., Zhang, Y., & Zou, Y. (2021). Evolutionary game and numerical simulation of cultivated land protection policies implementation in China. *Discrete Dynamics in Nature and Society*, 2021, 5600298. <https://doi.org/10.1155/2021/5600298>
- Mahardika, A. R., Barus, B., & Pribadi, D. O. 2021. Analisis spasial pengaruh alokasi ruang dan pola kepemilikan lahan terhadap konversi lahan sawah: Studi kasus Kecamatan Rajeg. *Journal of Regional and Rural Development Planning (Jurnal Perencanaan Pembangunan Wilayah dan Perdesaan)*, 5(1), 44-60. <https://doi.org/10.29244/jp2wd.2021.5.1.44-60>
- Majumdar, Kapur, P. K., & Khatri, S. K. (2016). Assessment of environmental factors affecting software development process using ISM & MICMAC analysis. *International Journal of System Assurance Engineering and Management*, 7, 471-480. <https://doi.org/10.1007/s13198-016-0477-4>
- Maltby, E. 1986. *Waterlogged wealth. An Earthscan paperback.* Int. Inst. For Environment and Development. London. 200h

- Mazmanian, Daniel A and Paul A. Sabatier. 1983. *Implementation and Public Policy*, Scott Foresman and Company, USA.
- Meadows, D. H. (1999). *Leverage Points: Places to Intervene in a System*. Sustainability Institute.
- Meadows, D. H. (2008). *Thinking in systems: A primer*. Chelsea Green Publishing.
- Meadows, D. H., Meadows, D. L., Randers, J., & Behrens III, W. W. (1972). *The limits to growth*. New York.
- Mondol H, Mallick UK, Biswas MHA. 2018. Mathematical modeling and predicting the current trends of human population growth in Bangladesh. *Modelling, Measurement and Control*. 39(1): 1-7. [https://doi.org/10.18280/mmc\\_d.390101](https://doi.org/10.18280/mmc_d.390101).
- Mosher, A.T. 1966. *Menggerakkan Dan Membangun Pertanian*, Jakarta : C.V. Yasaguna .
- Mosher, A.T. 2002. *Menggerakkan dan Membangun Pertanian*. CV Agung.Semarang.
- Mubarokah. S.L, & Miftah, H. (2023). Prospek Swasembada Beras Indonesia sebagai Upaya Ketahanan Pangan Menggunakan Model Sistem Dinamik. *Jurnal Pertanian*, 14(2), 65-80.
- Muhammadi, Aminullah E, Susilo B. 2001. *Analisis Sistem Dinamik: Lingkungan Hidup, Sosial, Ekonomi, Manajemen*. Jakarta (ID): UMJ Press.
- Mulyani, M., & Jepson, P. 2017. Does the ‘One Map Initiative’ Represent a New Path for Forest Mapping in Indonesia? Assessing the Contribution of the REDD+ Initiative in Effecting Forest Governance Reform. *Forests*, 8(1), 14. <https://doi.org/10.3390/f8010014>
- Munibah, K., Yudarwati, R., Wahyunie, E. D., & Wijaya, H. (2016). Protection of paddy field and recommendation of regional planning in Cianjur Regency, West Java, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 47(1), 012036. <https://doi.org/10.1088/1755-1315/47/1/012036>
- Nabillah I, Ranggadara I. 2020. Mean absolute percentage error untuk Evaluasi Hasil Prediksi Komoditas Laut. *Journal of Information System*. 5(2): 250-255. DOI: 10.33633/joins.v5i2.3900.
- Nixon, D. v., & Newman, L., 2016. The efficacy and politics of farmland preservation through land use regulation: Changes in southwest British Columbia’s Agricultural Land Reserve. *Land Use Policy*, 59, 227–240. <https://doi.org/10.1016/j.landusepol.2016.07.004>

- Nopriani, M., Fauzi, A., & Nuva. 2022. Analisis prospektif untuk keberlanjutan pengelolaan TPS 3R di Kota Pangkalpinang. *Jurnal Pendidikan Tambusai*, 6(3), 13791-13808.
- Noviandewi, T. W., & Djaya, P. N. 2023. The relationship of nutrition literacy, eating pattern, and nutritional status among medical students. *Journal of Urban Health Research*, 1(3), 12–21. <https://doi.org/10.25170/juhr.v1i3.4357>
- Nurrokhman, A., 2019. Urban Sprawl di Indonesia dan Kegagalan Implementasi. *Seminar Nasional “Dinamika Permukiman Dan Pembangunan Wilayah Di Indonesia” Departemen Geografi Pembangunan, Fakultas Geografi Universitas Gadjah Mada, Yogyakarta*, 1–14.
- OECD (2017), *Land-use Planning Systems in the OECD: Country Fact Sheets*, OECD Regional Development Studies, OECD Publishing, Paris, <https://doi.org/10.1787/9789264268579-en>.
- Oliveira, E., Leuthard, J., & Tobias, S., 2019. Spatial planning instruments for cropland protection in Western European countries. *Land Use Policy*, 87. <https://doi.org/10.1016/j.landusepol.2019.104031>
- Patton, M. Q. .2015. *Qualitative research & evaluation methods: Integrating theory and practice* (4th ed.).
- Paulus, C., & Fauzi, A. (2017). Factors Affecting Sustainability of alternatives livelihood in coastal community of Nembrala East Nusa Tenggara: An Application of MICMAC Method. *Jurnal Ekonomi Pembangunan: Kajian Masalah Ekonomi dan Pembangunan*, 18(2), 175-182. doi:<https://doi.org/10.23917/jep.v18i2.4397>
- Pitaloka, E. D. A. (2020). Kebijakan Perlindungan Lahan Pertanian Pangan Berkelanjutan Dalam Dimensi Politik Hukum Penataan Ruang. *Jurnal IUS Kajian Hukum Dan Keadilan*, 8(1), 49–78. <https://doi.org/10.29303/ius.v8i1.718>
- Prabowo, A., Hendriadi A, Hermanto, Yudhistira N., Somantri,A., Nurjaman., Zuziana S. 2012. Pencapaian surplus 10 juta ton beras pada tahun 2014 dengan pendekatan dinamika sistem (system dynamics)
- Prabowo, Agung. 2013. Rancangbangun Kebijakan Di Bidang Pertanian Dengan Pendekatan Dinamika Sistem (System Dynamics). Badan Penelitian dan Pengembangan Pertanian Kementerian Pertanian
- Pramudita, D., 2015. *Insentif Dalam Perlindungan Lahan Pertanian Pangan Berkelanjutan Di Kabupaten Kuningan*.
- Pramukty, R., Panduwaty, L., & Parasayu, J. (2024). Efisiensi Pengelolaan Kredit Pertanian dalam Meningkatkan Produksi dan Pendapatan Petani. *Jurnal*

*Greenation Pertanian Dan Perkebunan* , 2(1), 7–15.  
<https://doi.org/10.38035/jgpp.v2i1.124>

Prasada, I. Y., & Nugroho, A. D., 2022. *Determinant Factors of the Agricultural Land Sustainability in Indonesia*.

Purwowidodo.(1983). *Teknologi Mulsa*. Jakarta, Indonesia: Dewaruci Press

Puspitaningrum, S. D., & Mudiparwanto, W. adi . (2024). Implementation of Agricultural Land Protection Policy on The Transfer of Functions And Food Security Efforts in The Special Region of Yogyakarta . *LEGAL BRIEF*, 13(2), 604–612. <https://doi.org/10.35335/legal.v13i2.1000>

Putri, L. P. Y. K. (2023). *Implication of zoning regulation on environmental protection and land rights after enactment of Job Creation Law*. *Jurnal Magister Hukum Udayana (Udayana Master Law Journal)*, 12(1), 1–12. <https://doi.org/10.24843/JMHU.2023.v12.i01.p02>

Rahim, F.H.A. & Hawari, Nurul & Zainal Abidin, Norhaslinda. (2017). Supply and demand of rice in Malaysia: A system dynamics approach. *International Journal of Supply Chain Management*. 6. 234-240.

Raju, A., et al. 2011. Sustainability of business ecosystem for next generation cognitive networks. *Procidings of SDR 11-Winncomm-Europe*, 22-24 June 2011.

Ramadhan, S. ., & Murti, R. P. W. (2024). Dinamika Alih Fungsi Lahan Sawah dan Upaya Perlindungan Lahan Pertanian Pangan Berkelanjutan di Wilayah Metropolitan Sarbagita . *Tunas Agraria*, 7(3), 303–325. <https://doi.org/10.31292/jta.v7i3.357>

Reed, M. S., et al. (2009). Who’s in and why? A typology of stakeholder analysis methods for natural resource management. *Journal of Environmental Management*, 90(5), 1933–1949.

Ricardo, D. (1817) *On the Principles of Political Economy and Taxation* (John Murray, London). In: Sraffa, P., Ed., *The Works and Correspondence of David Ricardo*, Vol. 1, Cambridge University Press, Cambridge, 1951.

Richardson, G. P. (1986). *Problems with causal-loop diagrams*. *System Dynamics Review*, 2(2), 158–170. <https://doi.org/10.1002/sdr.4260020207>

Richardson, G.P. (2011), *Reflections on the foundations of system dynamics*. *Syst. Dyn. Rev.*, 27: 219-243. <https://doi.org/10.1002/sdr.462>

Rindayati, W. (2009). *Dampak Desentralisasi Fiskal Terhadap Kemiskinan dan Ketahanan Pangan di Provinsi Jawa Barat*. Program Pascasarjana, Institut Pertanian Bogor. Bogor.

- Rustiadi, E dan W. Reti .2008. Urgensi Lahan Pertanian pangan Abadi dalam Perspektif Ketahanan Pangan, dalam Arsyad,S dan E.Rustiadi (Ed), Penyelamatan Tanah, Air dan Lingkungan.Crestpent Press dan Yayasan Obor Indonesia .p 61-86
- Safa'at, R. 2013. Rekonstruksi Politik Ketahanan Hukum Pangan. UBPress: Malang.
- Satria, J., Falatehan, A. F., & Beik, I. S. (2018). Strategi perlindungan lahan pertanian pangan berkelanjutan di Kabupaten Bogor. *Jurnal Manajemen Pembangunan Daerah*, 10(2).
- Saxena, J. P., Sushil, & Vrat, P. (1990). *Impact of indirect relationships in classification of variables — a MICMAC analysis for energy conservation. Systems Research*, 7(4), 245–253. <https://doi.org/10.1002/sres.3850070404>
- Schreier (2012) – Qualitative Content Analysis in Practice
- Sen, A. (1981). *Poverty and famines: An essay on entitlement and deprivation*. Oxford University Press.
- Setiawan, W., Habibi, A., Setiawan, A. R., Nathanael, C., Silvia, N., & Wahyudi, A. (2025). Analisis Proyeksi Penggunaan Lahan Sawah untuk Kebutuhan dan Ketersediaan Beras di Kabupaten Jember Tahun 2032. *Tunas Agraria*, 8(2), 219–235. <https://doi.org/10.31292/jta.v8i2.440>
- Seto, K. C., Güneralp, B., & Hutyrá, L. R. (2012). Global forecasts of urban expansion to 2030 and direct impacts on biodiversity and carbon pools. *PNAS*, 109(40).
- Sterman, J. D. (2000). *Business Dynamics: Systems Thinking and Modeling for a Complex World*. Irwin/McGraw-Hill.
- Sterman, J.D. 2000. *Business Dynamics: Systems Thinking and Modelling for a Complex World*. New York: McGraw-Hill.
- Sumarsono, B., & Hidayat, M. F. (2021). Interaksi Aktor dalam Perlindungan Lahan Pertanian Pangan Berkelanjutan di Kabupaten Hulu Sungai Selatan. *Jurnal Pertanahan*, 11(2).
- Suryani, E., Hendrawan, R. A., Mulyono, T., & Dewi, L. P. (2014). *System dynamics model to support rice production and distribution for food security. Jurnal Teknologi (Sciences and Engineering)*, 68(3), 45–51. <https://doi.org/10.11113/jt.v68.2928>
- Taleshi, M., Afrakhteh, H., & Rahimpour Sheikhani Nejad, M. A. (2017). Analysis of the factors affecting changes in land cover patterns in rural districts in east of Guilan Province (Iran) for foresight. *Review of Environment and Earth Sciences*, 4(2), 51-65.

- Teimouri R, Hodjati H. 2017. Structural analysis of affecting factors for future development of green spaces in Tabriz City. *Asian Soc Sci.* 13(3): 185-197. doi: 10.5539/ass.v13n3p185.
- Todaro P. Michael. 2000. *Pembangunan Ekonomi Dunia Ketiga Jilid I*, Jakarta Penerbit : Erlangga
- Turner, B. L., Menendez, H. M., Gates, R., Tedeschi, L. O., & Atzori, A. S. (2016). System Dynamics Modeling for Agricultural and Natural Resource Management Issues: Review of Some Past Cases and Forecasting Future Roles. *Resources*, 5(4), 40. <https://doi.org/10.3390/resources5040040>
- Using Scenario Method. International Conference “Global Sustainable tourism,” 1–33.
- Utami, A., & Raharjo, P. (2025). PENGARUH IMPLEMENTASI KEBIJAKAN PERLINDUNGAN LAHAN PERTANIAN PANGAN BERKELANJUTAN TERHADAP EFEKTIVITAS DALAM MENEKAN ALIH FUNGSI LAHAN DI KABUPATEN GUNUNGKIDUL. *Jurnal Agristan*, 7(1), 1-12. doi:<https://doi.org/10.37058/agristan.v7i1.14195>
- Veltmeyer, Johan and Sahin, Oz, (2014) "Modelling climate change adaptation using cross-impact analysis: an approach for integrating qualitative and quantitative data". International Congress on Environmental Modelling and Software.
- Venegas, C., Sánchez-Alfonso, A. C., Vesga, F.-J., Martín, A., Celis-Zambrano, C., & González Mendez, M. (2022). Identification and Evaluation of Determining Factors and Actors in the Management and Use of Biosolids through Prospective Analysis (MicMac and Mactor) and Social Networks. *Sustainability*, 14(11), 6840. <https://doi.org/10.3390/su14116840>
- Viana, C. M., Freire, D., Abrantes, P., Rocha, J., & Pereira, P., 2022. Agricultural land systems importance for supporting food security and sustainable development goals:(Vol. 806). Elsevier B.V. <https://doi.org/10.1016/j.scitotenv.2020.150718> A systematic review. In *Science of the Total Environment* 21.150718
- Von Bertalanffy, L. (1968). *General System Theory: Foundations, Development*. New York: George Braziller.
- Voros J (2003), "A generic foresight process framework". *Foresight*, Vol. 5 No. 3 pp. 10–21. <https://doi.org/10.1108/14636680310698379>
- Wardono, B., Muhartono, R., Hikmayani, Y., Apriliani, T., & Hikmah, H. 2019. Analisis prospektif peran aktor dalam strategi formulasi pembangunan perikanan di Kabupaten Natuna. *Jurnal Sosial Ekonomi Kelautan dan Perikanan*, 14(2), 179-195. <http://dx.doi.org/10.15578/jsekp.v14i2.8241>

- Webb, P., & Rogers, B. (2003). *Addressing the “in” in food insecurity* (Occasional Paper No. 1). USAID Office of Food for Peace.
- Weingärtner, L. (2004). *The concept of food and nutrition security* (Background Paper No. 1). International Training Course *Food and Nutrition Security: Assessment Instruments and Intervention Strategies*. GTZ, Welthungerhilfe, & InWEnt.
- Wicaksono, A., Prihatin, S.M., & Purbawa, Y. (2023). Analysis of area typology and stakeholders' interaction in the sustainable food agricultural land (SFAL) policy implementation. *IOP Conference Series: Earth and Environmental Science*. 1133 012047. DOI: 10.1088/1755-1315/1133/1/012047
- Wu, Y., Shan, L., Guo, Z., & Peng, Y. (2017). Cultivated land protection policies in China facing 2030: Dynamic balance system versus basic farmland zoning. *Habitat International*, 69, 126-138. <https://doi.org/10.1016/j.habitatint.2017.09.002>
- Xu, N., Cui, L., Qu, Y., Sun, G., Zeng, X., Zhang, H., Li, H., Zhou, B., Luo, C., & Wu, R. (2024). Wetland distribution prediction based on CA–Markov model under current land use and protection policy in Sanjiang Plain. *Sustainability*, 16(13), 5750. <https://doi.org/10.3390/su16135750>
- Yin, G., Liu, L. & Jiang, X. The sustainable arable land use pattern under the tradeoff of agricultural production, economic development, and ecological protection—an analysis of Dongting Lake basin, China. *Environ Sci Pollut Res* 24, 25329–25345 (2017). <https://doi.org/10.1007/s11356-017-0132-x>
- Young, J. C., Calla, S., & Lecuyer, L., (2023). Just and sustainable transformed agricultural landscapes: An analysis based on local food actors' ideal visions of agriculture. *Agriculture, Ecosystems & Environment*, 342, 108236. <https://doi.org/10.1016/j.agee.2022.108236>
- Yunardi, Y., Fauzi, A., & Mulatsih, S. (2019). *Peranan pemangku kepentingan dalam pengelolaan berkelanjutan BUMDes Barokah Desa Tugu Utara, Kecamatan Cisarua, Kabupaten Bogor*. Journal of Regional and Rural Development Planning (Jurnal Perencanaan Pembangunan Wilayah dan Perdesaan), 3(3), 189–199.
- Yustika, Ahmad Erani, 2006. *Ekonomi Kelembagaan; Definisi, Teori dan Strategi*. Penerbit Bayumedia. Malang.
- Zahradník, M., and Dlouhá, J. (2016). Metodika analýzy aktéru (Actor analysis methodology). Certified by the Office of the Czech Government č.j. 9645/2016-OUR. *Envigogika*. 11. doi: 10.14712/18023061.527
- Zampieri, M., Ceglar, A., Dentener, F., & Toreti, A. (2017). Wheat yield loss attributable to heat waves, drought and water excess at the global, national

and subnational scales. *Environmental Research Letters*, 12(6), 064008. doi:10.1088/1748-9326/aa723b

Zhang, Y., & Lu, X. (2025). [Judul Artikel]. *Environmental Research Communications*, 7(7), 075027.

Zhou, Y., Li, X., & Liu, Y. (2021). Cultivated land protection and rational use in China. *Land Use Policy*, 106, 105454. <https://doi.org/10.1016/j.landusepol.2021.105454>

Zhu, Y., Zhang, Y., Ma, L., Yu, L., & Wu, L. (2024). Simulating the dynamics of cultivated land use in the farming regions of China: A social-economic-ecological system perspective. *Journal of Cleaner Production*, 478, 143907. <https://doi.org/10.1016/j.jclepro.2024.143907>

Zolkafli, A., & Mansor, N. S. (2018). Improving public participation for land use planning in Malaysia: Can participatory GIS help? *Journal of Governance and Development*, 14(1), 1–21.

Zulhafandi, Z., Munandar, H., Suryana, N. K., Agang, M. W., & Tanjung, H. B. (2023). Kajian Pengembangan Petani Berbasis Modal Sosial (Studi Kasus pada Kelompok Tani Lubek Manis Kecamatan Tanjung Palas Tengah Kabupaten Bulungan). *Jurnal Ilmiah Membangun Desa Dan Pertanian*, 8(5), 187–196. <https://doi.org/10.37149/jimdp.v8i5.31>