

DAFTAR PUSTAKA

- Abhishek Raj, Manoj Kumar Jhariya, Yadav, D. K., & Banerjee, A. (2020). Climate Change and Agroforestry Systems: Adaptation and Mitigation Strategies. In *Journal of Chemical Information and Modeling* (Vol. 53, Issue 9). Apple Academic Press Inc., Florida. USA.
- Adjimoti, G. O., & Kwadzo, G. T. M. (2018). Crop diversification and household food security status: Evidence from rural Benin. *Agriculture and Food Security*, 7(1), 1–12. <https://doi.org/10.1186/s40066-018-0233-x>
- Agidew, A. meta A., & Singh, K. N. (2018). Determinants of food insecurity in the rural farm households in South Wollo Zone of Ethiopia: the case of the Teleyayen sub-watershed. *Agricultural and Food Economics*, 6(1). <https://doi.org/10.1186/s40100-018-0106-4>
- Ambo Ala. (2018). Pertanian Berkelanjutan: Suatu Pendekatan Agroekologi. In *Buku Ajar* (Vol. 1, Issue 0). Fakultas Pertanian.
- Anker, R. (2011). Estimating a living wage: A methodological review. *ILO: Conditions of Work an Employment Series No. 29*, 29, 1-126. <http://www.ilo.org/public/libdoc/ilo/2011/>.
- Anker, R., & Anker, M. (2017). *Living Wages Around the World*. Edward Elgar Publishing Limited. <https://doi.org/10.4337/9781786431462>. <https://doi.org/10.4337/9781786431462>
- Awoke, W., Eniyew, K., Agitew, G., & Meseret, B. (2022). Determinants of food security status of household in Central and North Gondar Zone, Ethiopia. *Cogent Social Sciences*, 8(1). <https://doi.org/10.1080/23311886.2022.2040138>
- Badan Pusat Statistik. (2024). *Hasil Survey Ekonomi Pertanian (SEP) 2024*.
- Birkmann, J., Liwenga, E., Pandey, R., Boyd, E., Djalante, R., Gemenne, F., Filho, W. L., Pinho, P. F., Stringer, L., Wrathall, D., Pörtner, H.-O., Roberts, D. C., Tignor, M., Poloczanska, E. S., Mintenbeck, K., Alegría, A., Craig, M., Langsdorf, S., Löschke, S., ... Rama, B. (2022). *Poverty. Livelihoods and Sustainable Development. In: Climate Change 2022: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University Press. <https://doi.org/10.1017/9781009325844.010.1171>
- Bongaarts, J. (2001). Household size and composition in the developing world. *Population Studies*, 55(3), 263–279. <https://doi.org/10.1080/00324720127697>
- Bonn, E. (2020). *Integrated Company Report 2020*.
- Boucek, B., & Moran, E. . (2004). *Inferring the behavior of households from remotely sensed changes in land cover: current methods and future directions, In Goodchild, M.F. and Janelle, D.G. (eds.) Spatially Integrated Social Science*. Oxford University Press. pp. 23-47.
- Bouwman, T. I., Andersson, J. A., & Giller, K. E. (2021). Adapting yet not adopting? Conservation agriculture in Central Malawi. *Agriculture, Ecosystems and Environment*, 307(May 2020), 107224. <https://doi.org/10.1016/j.agee.2020.107224>

- BPS-Statistics Indonesia. (2021). *Welfare Indicators 2021*. Available online: <https://www.bps.go.id/en/publication/2021/11/30/d34268e041d8bec0b25ba344/welfare-indicators-2021.html>. (accessed on 21 December 2023).
- BPS. (2022). *Indonesian Coffee Statistics 2022*. Available online: <https://www.bps.go.id/en/publication/2023/11/30/abde293e6c0fc5d45aaa9fe8/indonesian-coffee-statistics-2022.html> (accessed on 15 November 2023).
- Chai, T., & Draxler, R. R. (2014). Root mean square error (RMSE) or mean absolute error (MAE)? Arguments against avoiding RMSE in the literature. *Geoscientific Model Development*, 7(3), 1247–1250. <https://doi.org/10.5194/gmd-7-1247-2014>
- Chawla, R., Khose, S. B., Dubey, S., & Suyog Balasaheb, K. (2023). *Water productivity in agriculture: A key to sustainable food production*. 05(12), 326–329. <https://www.researchgate.net/publication/375747009>
- Corak, M. (2013). Income Inequality, Equality of Opportunity, and Intergenerational mobility. *Journal of Economic Perspectives*, 27(3)(7520), 79–102.
- De Cock, N. (2012). *A comparative overview of commonly used food security indicators, case study in the Limpopo Province, South Africa*. Faculty of Bioscience Engineering. 2012. Masters, 2–116.
- Debebe, S., & Zekarias, E. H. (2020). Analysis of poverty, income inequality and their effects on food insecurity in southern Ethiopia. *Agriculture and Food Security*, pp.1-12. <https://doi.org/10.1186/s40066-020-00269-3>
- Dethier, J. J., & Effenberger, A. (2012). Agriculture and development: A brief review of the literature. *Economic Systems*, 36(2), 175–205. <https://doi.org/10.1016/j.ecosys.2011.09.003>
- Dil Farzana, F., Rahman, A. S., Sultana, S., Raihan, M. J., Haque, M. A., Waid, J. L., Choudhury, N., & Ahmed, T. (2017). Coping strategies related to food insecurity at the household level in Bangladesh. *PLoS ONE*, 12(4), 1–17. <https://doi.org/10.1371/journal.pone.0171411>
- Dinas Pertanian. (2022). Action plan Pengembangan kawasan pertanian Kab. Bantaeng. In *Dinas Pertanian Kab. Bantaeng*. https://doi.org/10.1007/978-1-4471-1031-6_5
- Duffy, C., Toth, G. G., Hagan, R. P. O., McKeown, P. C., Rahman, S. A., Widyaningsih, Y., Sunderland, T. C. H., & Spillane, C. (2021). Agroforestry contributions to smallholder farmer food security in Indonesia. *Agroforestry Systems*, 95(6), 1109–1124. <https://doi.org/10.1007/s10457-021-00632-8>
- ESRI. (2023). *Kriging (Spatial Analyst)*. ArcGIS Pro, ESRI. Available online: <https://pro.arcgis.com/en/pro-app/latest/tool-reference/spatial-analyst/kriging.htm> (accessed on 13 January 2024).
- ESRI. (2024). *GIS Dictionary*. Available online: <https://support.esri.com/en-us/g>. (accessed on 26 December 2023).
- FAO/WHO/UNU. (2001). *Human energy requirements*. Food and Nutrition Technical Report Series 1:FAO. Available online: <https://openknowledge.fao.org> (accessed on 23 December 2023).
- FAO. (1976). *A Framework for Land Evaluation*. FAO Soil Bulletin No.52.
- FAO. (2000). *Food Insecurity in the World 2000*. FAO. Available online:

- <https://www.fao.org/agrifood-economics/publications/detail/en/c/122102/> (accessed on 13 January 2024).
- FAO. (2021). *The State of Food and Agriculture 2021. Making agrifood systems more resilient to shocks and stresses*. FAO. <https://doi.org/10.4060/cb4476en>. <https://doi.org/10.4060/cb4476en>
- FAO, & WHO. (2004). Vitamin and mineral requirements in human nutrition Second edition. *World Health Organization*, 1–20. <https://doi.org/9241546123>
- Gebre, G. G., Isoda, H., Amekawa, Y., Rahut, D. B., Nomura, H., & Watanabe, T. (2021). What Explains Gender Gaps in Household Food Security? Evidence from Maize Farm Households in Southern Ethiopia. In *Social Indicators Research* (Vol. 155, Issue 1). Springer Netherlands. <https://doi.org/10.1007/s11205-020-02600-8>
- Goodchild, M. F., & Janelle, D. G. (2010). Toward critical spatial thinking in the social sciences and humanities. In *GeoJournal* (Vol. 75, Issue 1, pp. 3–13). <https://doi.org/10.1007/s10708-010-9340-3>
- Grillo, J. (2018). *From Living Wage to Living Income: Considerations for the use of the Anker methodology for calculating living wages to inform living income estimates*. Available online: <https://www.nachhaltige-agrarlieferketten.org> (accessed on 23 January 2024).
- Gusli, S., Sumeni, S., Sabodin, R., Muqfi, I. H., Nur, M., Kurniatun, H., Daniel, U., & Meine, van N. (2020). Soil Organic Matter, Mitigation of and Adaptation to Climate Change in Cocoa: Based Agroforestry Systems. *Land*, 9(323), 123. <https://edepot.wur.nl/534244>
- Ho, N. N., Lai, P. T., Cam, T., Truong, A., Hoang, V. H., Do, T. T., & Nguyen, T. (2024). *The contribution of livelihood diversification activities to poverty reduction of ethnic minority households: A case study in Son La Province, Vietnam*. 8(6), 1-24. <https://doi.org/10.24294/jjpd.v8i6.6465>.
- Hristov, V., & Hristov, V. (2013). *Sensitivity Analysis Indicators of Economic Effectiveness*. 764.
- Hulupi, R., & Martini, E. (2013). Pedoman Budidaya dan Pemeliharaan Tanaman Kopi di Kebun Campur. *World Agroforestry Centre (ICRAF) Southeast Asia Regional Program*, 1–72.
- ICO. (2014). *Annual Review Stronger partnerships: Stronger partnerships: Solutions to overcome Solutions to overcome regulatory and regulatory and market challenges*.
- Impact Institute. (2020). *Estimating farmer household income*. Available online: <https://www.impactinstitute.com> (accessed on 20 January 2024).
- Jemaneh, S. A., & Shibeshi, E. M. (2023). Women empowerment in agriculture and its effect on household food security: evidence from Gamo Zone of Southern Ethiopia. *Agriculture and Food Security*, 12(1), 1–26. <https://doi.org/10.1186/s40066-023-00437-1>
- Jolliffe, D. M., Mahler, D. G., Lakner, C., Atamanov, A., Tetteh, B., & Kofi, S. (2022). Assessing the Impact of the 2017 PPPs on the International Poverty Line and Global Poverty. In *Policy Research working Paper*. Available online: <http://documents.worldbank.org/curated/en/353811645450974574/Assessing-the-Impact-of-the-2017-PPPs-on-the-International-Poverty-Line-and-Global-Poverty>

(accessed on 14 February 2024).

- Jovanović, P. (1999). Application of sensitivity analysis in investment project evaluation under uncertainty and risk. *International Journal of Project Management*, 17(4), 217–222. [https://doi.org/10.1016/S0263-7863\(98\)00035-0](https://doi.org/10.1016/S0263-7863(98)00035-0)
- Kementan Ditjenbun. (2014). Pedoman Teknis Budidaya Kopi yang Baik (Good Agriculture Practices /GAP on Coffee). No. 49/Permentan/OT.140/4/2014. In *Sekretariat Negara Republik Indonesia*.
- Kementerian Pertanian RI. (2018). *Peraturan Menteri Pertanian No. 18 Tahun 2018 tentang Pengembangan Kawasan Pertanian Berbasis Korporasi Petani*.
- Kementerian Pertanian RI. (2020). *Ministry of Agriculture strategic plan for 2020-2024*. Kementerian Pertanian RI.
- Komives, K., Alliance, I., Grunze, S., Krain, E., & Giz, A. T. (2017). *Defining , Calculating and Using a Living Income Bench- mark in the context of Agricultural Commodities*. May, 1-146. <https://sustainablefoodlab.org/wp-content/u>.
- Krishnan, S. (2017). Sustainable Coffee Production. In *Oxford Research Encyclopedia of Environmental Science* (Issue June). <https://doi.org/10.1093/acrefore/9780199389414.013.224>
- Krueger, D., & Perri, F. (2006). Does income inequality lead to consumption inequality? Evidence and theory. *Review of Economic Studies*, 73(1), 163–193. <https://doi.org/10.1111/j.1467-937X.2006.00373.x>
- Lemeilleur, S., Subervie, J., Presoto, A. E., Souza Piao, R., & Saes, M. S. M. (2020). Coffee farmers' incentives to comply with sustainability standards. *Journal of Agribusiness in Developing and Emerging Economies*, 10(4), 365–383. <https://doi.org/10.1108/JADEE-04-2019-0051>
- Loos, K., Krain, E., Veldhuyzen, C., & Petri, A. (2022). *How to calculate (living income) reference prices of agricultural commodities* (Issue October). <https://www.living-income.com>
- Luchman Hakim. (2021). *Agroforestri Kopi: Mendorong Taman Hayati dan Wisata Kopi*. Media Nusa Creative, Malang.
- Martini, E., Riyandoko, & Roshetko, J. M. (2017). *Membangun Kebun Agroforestri Kopi*.
- Mgomezulu, W. R., Chitete, M. M. N., Maonga, B. B., Dzanja, J., Mulekano, P., & Qutieshat, A. (2024). Agricultural subsidies in a political economy: Can collective action make smallholder agriculture contribute to development? *Research in Globalization*, 8(March), 100212. <https://doi.org/10.1016/j.resglo.2024.100212>
- Miller, H. J., & Goodchild, M. F. (2014). Data-driven geography. *GeoJournal*, 80(4), 449–461. <https://doi.org/10.1007/s10708-014-9602-6>
- Minister of Health. (2019). *Republic of Indonesia Minister of Health Regulation No. 28 of 2019 Concerning recommended nutritional adequacy figures for Indonesian society*. Minister of Health of the Republic of Indonesia.
- Moguel, P., & Toledo, V. M. (1999). Biodiversity conservation in traditional coffee systems of Mexico. *Conservation Biology*, 13(1), 11–21. <https://doi.org/10.1046/j.1523-1739.1999.97153.x>
- Molden, D., Oweis, T., Steduto, P., Bindraban, P., Hanjra, M. A., & Kijne, J. (2010).

- Improving agricultural water productivity: Between optimism and caution. *Agricultural Water Management*, 97(4), 528–535.
<https://doi.org/10.1016/j.agwat.2009.03.023>
- Morel, A. C., Demissie, S., Gonfa, T., Mehrabi, Z., Rifai, S., Hirons, M. A., Gole, T. W., Mason, J., McDermott, C. L., Boyd, E., Robinson, E. J. Z., Malhi, Y., & Norris, K. (2024). Landscape and management influences on smallholder agroforestry yields show shifts during a climate shock. *Agriculture, Ecosystems and Environment*, 366(August 2023), 108930.
<https://doi.org/10.1016/j.agee.2024.108930>
- Muhie, S. H. (2022). Novel approaches and practices to sustainable agriculture. *Journal of Agriculture and Food Research*, 10(November), 100446.
<https://doi.org/10.1016/j.jafr.2022.100446>
- Neil J. Salkind. (2020). *Statistics for People Who (Think They) Hate Statistics Using R*.
- Nguyen, T. T. (2021). Conversion of land use and household livelihoods in Vietnam: A study in Nghe An. *Open Agriculture*, 6(1), 82–92. <https://doi.org/10.1515/opag-2021-0010>
- Nigatu, G., Badau, F., Seeley, R., & Hansen, J. (2020). Factors Contributing to Changes in Agricultural Commodity Prices and Trade for the United States and the World. In *Economic Research Report*.
- Philip Robertson, G. (2015). A sustainable agriculture? *Daedalus*, 144(4), 76–89.
https://doi.org/10.1162/DAED_a_00355
- Prastowo, B. (2010). *Budidaya dan KOPI*. Puslitbang Pertanian.
- Pun, R., Joshi, N. P., & Pun, S. (2024). Factors influencing farmers' preference for farmland consolidation in Nepal: Evidence from randomized conjoint experiment. *Agricultural Systems*, 219(June), 104038.
<https://doi.org/10.1016/j.agsy.2024.104038>
- Ricart, S., Gandolfi, C., & Castelletti, A. (2025). What drives farmers' behavior under climate change? Decoding risk awareness, perceived impacts, and adaptive capacity in northern Italy. *Heliyon*, 11(1).
<https://doi.org/10.1016/j.heliyon.2024.e41328>
- Sachs, J., Kroll, C., Lafortune, G., Fuller, G., & Woelm, F. (2022). Sustainable Development Report 2022. In *Sustainable Development Report 2022*.
<https://doi.org/10.1017/9781009210058>
- Somarriba, E., Saj, S., Orozco-Aguilar, L., Somarriba, A., & Rapidel, B. (2024). Shade canopy density variables in cocoa and coffee agroforestry systems. *Agroforestry Systems*, 98(3), 585–601. <https://doi.org/10.1007/s10457-023-00931-2>
- Suad Husnan, S. M. (2020). *Studi Kelayakan Proyek Bisnis*. Yogyakarta : UPP STIM YKPN.
- Sullivan, D. O. (2002). *Toward micro-scale spatial modeling of gentrification*. 251–274.
- Taghizadeh-Mehrjardi, R., Nabiollahi, K., Rasoli, L., Kerry, R., & Scholten, T. (2020). Land suitability assessment and agricultural production sustainability using machine learning models. *Agronomy*, 10(4), 1–20.
<https://doi.org/10.3390/agronomy10040573>
- Taherdoost, H. (2023). Analysis of Simple Additive Weighting Method (SAW) as a

- MultiAttribute Decision-Making Technique: A Step-by-Step Guide. *Journal of Management Science & Engineering Research*, 6(1), 21–24.
<https://doi.org/10.30564/jmser.v6i1.5400>
- Tambe, B. A., Mabapa, N. S., Mbhatsani, H. V., Mandiwana, T. C., Mushaphi, L. F., Mohlala, M., & Mbhenyane, X. G. (2023). Household socio-economic determinants of food security in Limpopo Province of South Africa: a cross sectional survey. *Agriculture and Food Security*, 12(1), 1–10.
<https://doi.org/10.1186/s40066-023-00424-6>
- Toledo, V. M., & Moguel, P. (2012). Coffee and Sustainability: The Multiple Values of Traditional Shaded Coffee. *Journal of Sustainable Agriculture*, 36(3), 353–377.
<https://doi.org/10.1080/10440046.2011.583719>
- Udawatta, R. P., & Jose, S. (2021). Agroforestry for Ecosystem Services: An Introduction. In *Agroforestry and Ecosystem Services*.
- Ulya, N. A., Harianja, A. H., Sayekti, A. L., Yulianti, A., Djaenudin, D., Martin, E., Hariyadi, H., Witjaksono, J., Malau, L. R. E., Mudhofir, M. R. T., & Astana, S. (2023). Coffee agroforestry as an alternative to the implementation of green economy practices in Indonesia: A systematic review. *AIMS Agriculture and Food*, 8(3), 762–788. <https://doi.org/10.3934/agrfood.2023041>
- Umar, H. (2013). *Studi Kelayakan Bisnis, edisi 2, Teknik Menganalisis Kelayakan Rencana Bisnis Secara Komprehensif*. PT Gramedia Utama. Jakarta.
- UN General Assembly. (1984). *Universal declaration of human rights* (pp. 14–25). UN General Assembly. <https://www.un.org/en/about-us/universal-declaration-of-human-rights>
- UNESCO. (2000). *The right to education: Towards education for all throughout life. World education report 2000* (p. pp.169). <https://unesdoc.unesco.org/ark:/48223/pf00>. UNESCO.
- Valencia, V., Naeem, S., García-Barrios, L., West, P., & Sterling, E. J. (2016). Conservation of tree species of late succession and conservation concern in coffee agroforestry systems. *Agriculture, Ecosystems and Environment*, 219, 32–41. <https://doi.org/10.1016/j.agee.2015.12.004>
- Ven, G. W. J. Van De, Valença, A. De, Marinus, W., Jager, I. De, & Descheemaeker, K. K. E. (2021). *Living income benchmarking of rural households in low-income countries*. pp.729-749. <https://doi.org/10.1007/s12571-020-010>
- Wahyuno, D., & Martini, E. (2019). *Pedoman Budidaya Cengkeh di Kebun Campur*. 7.
- Wardana, R. R., Hakim, T., & Sulardi. (2023). Budidaya Tanaman Kopi Arabika. In *PT Dewangga Energi Internasional* (Issue January).
- WHO, & FAO. (2003). Diet, nutrition and the prevention of chronic diseases. *World Health Organization - Technical Report Series*, 916.
<https://doi.org/10.1093/ajcn/60.4.644a>
- Yao, C., Parker, J., Arrowsmith, J., & Carr, S. C. (2022). The living wage as an income range for decent work and life. *Employee Relations*, 39(6), 875–887.
<https://doi.org/10.1108/ER-03-2017-0071>