

DAFTAR PUSTAKA

- Abokyi, E., Strijker, D., Asiedu, K. F., & Daams, M. N. (2020). The impact of output price support on smallholder farmers' income: evidence from maize farmers in Ghana. *Heliyon*, 6(9). <https://doi.org/10.1016/j.heliyon.2020.e05013>
- Addison, M., Ohene-Yankyera, K., Osei-Wusu Adjei, P., Mujawamariya, G., & Asante, B. (2023). Uptake and income distribution effects of targeted farm technologies on rice farmers in forest and Guinea Savannah Zones of Ghana: Does gender matter? *Journal of Agriculture and Food Research*, 11(May 2022), 100516. <https://doi.org/10.1016/j.jafr.2023.100516>
- Adekaldy, E., Amponsah, W., Tuffour, H. O., Adu, M. O., & Agyare, W. A. (2021). Response of chilli pepper to different irrigation schedules and mulching technologies in semi-arid environments. *Journal of Agriculture and Food Research*, 6(September), 100222. <https://doi.org/10.1016/j.jafr.2021.100222>
- Adhiana, & Riani. (2019). Analisis Efisiensi Ekonomi Usahatani: Pendekatan Stochastic Production Frontier. In *Sefa Bumi Persada*. Retrieved from https://repository.unimal.ac.id/4688/1/BUKU_ANALISIS_EFISIENSI_EKONOMI_USAHATANI.pdf
- Agbonlahor, M. U., Adewuyi, S. A., & Ogundairo, V. O. (2016). Do Rural Smallholder Farmers Subsidize Farm Investments With Non-farm Income? A Study of Vegetable Farmers. *International Journal of Vegetable Science*, 22(3), 231–242. <https://doi.org/10.1080/19315260.2015.1020464>
- Ahmad, B., Rouf, A., Khanom, F., Yeasmin, R., Rani, M., Rabbani, G., ... Rahman, N. (2024). Social Sciences & Humanities Open Experience of farmers using mobile phone for farming information flow in Boro rice production: A case of Eastern Gangetic Plain. *Social Sciences & Humanities Open*, 9(May 2023), 100811. <https://doi.org/10.1016/j.ssaho.2024.100811>
- Akinola, A., Kehinde, A., Tijani, A., Ayanwale, A., Adesiyon, F., Tanimonure, V., ... Ojo, T. (2023). Impact of membership in agricultural cooperatives on yield of smallholder tomato farmers in Nigeria. *Environmental and Sustainability Indicators*, 20(June), 100313. <https://doi.org/10.1016/j.indic.2023.100313>
- Akrong, R., Akorsu, A. D., Jha, P., & Agyenim, J. B. (2023). Towards environmental sustainability: The role of certification in the adoption of climate-smart agricultural practices among Ghanaian mango farmers. *Cogent Food and Agriculture*, 9(1). <https://doi.org/10.1080/23311932.2023.2174482>
- Al Kurdi, B., & Alshurideh, M. T. (2023). The effect of social media influencer traits on consumer purchasing decisions for keto products: examining the moderating influence of advertising repetition. *Journal of Marketing Communications*, 00(00), 1–22. <https://doi.org/10.1080/13527266.2023.2246043>
- Aldila, H. F., Fariyanti, A., & Tinaprilla, N. (2015). Analisis Profitabilitas Usahatani Bawang Merah Berdasarkan Musim di Tiga Kabupaten Sentra Produksi di Indonesia. *SEPA*, 11(2), 249–260.
- Ali, H., Tolinggi, W., & Saleh, Y. (2018). Persepsi Petani Terhadap Kinerja Penyuluh

- Pertanian Lapangan Di Desa Talumelito Kecamatan Telaga Biru Kabupaten Gorontalo. *Agrinesia*, 2(2), 111–120.
- Anderzén, J., Guzmán, A., Luna-gonzález, D. V., Merrill, S. C., Caswell, M., Méndez, V. E., ... Cacho, G. (2020). Effects of on-farm diversification strategies on smallholder coffee farmer food security and income sufficiency in Chiapas , Mexico. *Journal of Rural Studies*, 77(February), 33–46. <https://doi.org/10.1016/j.jrurstud.2020.04.001>
- Arifin. (2015). *Pengantar Ekonomi Pertanian*. Bandung: Mujahid.
- Askari-Khorasgani, O., & Pessarakli, M. (2020). Evaluation of cultivation methods and sustainable agricultural practices for improving shallot bulb production—a review. *Journal of Plant Nutrition*, 43(1), 148–163. <https://doi.org/10.1080/01904167.2019.1659329>
- Asrat, D., Anteneh, A., Adem, M., & Berhanie, Z. (2022). Impact of Awash irrigation on the welfare of smallholder farmers in Eastern Ethiopia. *Cogent Economics and Finance*, 10(1). <https://doi.org/10.1080/23322039.2021.2024722>
- Ayu Andayani, S. (2016). Faktor-Faktor Yang Mempengaruhi Produksi Cabai Merah. *MIMBAR AGRIBISNIS: Jurnal Pemikiran Masyarakat Ilmiah Berwawasan Agribisnis*, 1(3), 261–268.
- Ayun, Q., Kurniawan, S., & Saputro, W. A. (2020). Perkembangan Konversi Lahan Pertanian Di Bagian Negara Agraris. *Vigor: Jurnal Ilmu Pertanian Tropika Dan Subtropika*, 5(2), 38–44. <https://doi.org/10.31002/vigor.v5i2.3040>
- Bandanaa, J., Asante, I. K., Egyir, I. S., Schader, C., Annang, T. Y., Blockeel, J., ... Heidenreich, A. (2021). Sustainability performance of organic and conventional cocoa farming systems in Atwima Mponua District of Ghana. *Environmental and Sustainability Indicators*, 11(February), 100121. <https://doi.org/10.1016/j.indic.2021.100121>
- Barus, E. F., Priyarsono, D. S., & Hartoyo, S. (2021). Analisa Efisiensi Teknis, Alokatif dan Ekonomi Produksi Kubis di Kabupaten Karo. *Jurnal Agrica*, 14(2), 116–130. <https://doi.org/10.31289/agrica.v14i2.4458>
- Bascón-Villegas, I., Espinosa, E., Sánchez, R., Tarrés, Q., Pérez-Rodríguez, F., & Rodríguez, A. (2020). Horticultural plant residues as new source for lignocellulose nanofibers isolation: Application on the recycling paperboard process. *Molecules*, 25(14). <https://doi.org/10.3390/molecules25143275>
- Basuki, R. (2014). Identifikasi Permasalahan dan Analisis Usahatani Bawang Merah di Dataran Tinggi Pada Musim Hujan di Kabupaten Majalengka (Problems Identification and Shallots Farming Analyze in the Highland at Rainy Season in Majalengka District). *J.Hort*, 24(3), 266–275.
- Basundoro, A. F., & Sulaeman, F. H. (2020). Meninjau Pengembangan Food Estate sebagai Strategi Ketahanan Nasional Pada Era Pandemi Covid-19. *Jurnal Kajian Lemhanas RI*, 8(2), 28–42. Retrieved from <https://www.researchgate.net/publication/344150696>
- Battese, G. E., & Coelli, T. J. (1995). A model for technical inefficiency effects in a stochastic frontier production function for panel data. *Empirical Economics*, 20(2), 325–332. <https://doi.org/10.1007/BF01205442>

- Belay, A., Oludhe, C., Mirzabaev, A., Recha, J. W., Berhane, Z., Osano, P. M., ... Solomon, D. (2022). Knowledge of climate change and adaptation by smallholder farmers: evidence from southern Ethiopia. *Heliyon*, 8(November), e12089. <https://doi.org/10.1016/j.heliyon.2022.e12089>
- Bernini, C., & Galli, F. (2024). Economic and Environmental Efficiency, Subsidies and Spatio-Temporal Effects in Agriculture. *Ecological Economics*, 218(December 2023), 108120. <https://doi.org/10.1016/j.ecolecon.2024.108120>
- Bhuvaneshwari, S., Hettiarachchi, H., & Meegoda, J. N. (2019). Crop residue burning in India: Policy challenges and potential solutions. *International Journal of Environmental Research and Public Health*, 16(5). <https://doi.org/10.3390/ijerph16050832>
- BI. (2022). *Analisis Inflasi Juli 2022*. Jakarta.
- BPS. (2021a). Kabupaten Humbang Hasundutan dalam Angka 2021. In *BPS Humbang Hasundutan*.
- BPS. (2021b). *Sumatera Utara Dalam Angka 2021*. Retrieved from <https://sumut.bps.go.id/publication/2021/02/26/e93c46a1e30092ec491ec8a9/provinsi-sumatera-utara-dalam-angka-2021.html>
- BPS. (2022). *Kabupaten Humbang Hasundutan Dalam Angka 2022*.
- BPS. (2023). Kabupaten Humbang Hasundutan Dalam Angka 2023. In *Badan Pusat Statistik Kabupaten Humbang Hasundutan*. Humbang Hasundutan.
- Brockhaus, M., Obidzinski, K., Dermawan, A., Laumonier, Y., & Luttrell, C. (2012). An overview of forest and land allocation policies in Indonesia: Is the current framework sufficient to meet the needs of REDD+? *Forest Policy and Economics*, 18, 30–37. <https://doi.org/10.1016/j.forpol.2011.09.004>
- Bukari, K. N. (2023). Violent farmer–herder conflicts in Ghana: constellation of actors, citizenship contestations, land access and politics. *Canadian Journal of African Studies*, 57(1), 115–137. <https://doi.org/10.1080/00083968.2022.2031235>
- Bukchin, S., & Kerret, D. (2020). Character strengths and sustainable technology adoption by smallholder farmers. *Heliyon*, 6(January), e04694. <https://doi.org/10.1016/j.heliyon.2020.e04694>
- Chen, W., & Tan, S. (2019). Impact of social media apps on producer–member relations in China’s community supported agriculture. *Canadian Journal of Development Studies*, 40(1), 97–112. <https://doi.org/10.1080/02255189.2018.1504203>
- Choudhary, V. K., Naidu, D., & Dixit, A. (2022). Weed prevalence and productivity of transplanted rice influences by varieties, weed management regimes and row spacing. *Archives of Agronomy and Soil Science*, 68(13), 1872–1889. <https://doi.org/10.1080/03650340.2021.1937606>
- Coelli. (1996). A Guide to Frontier Version 4.1: A Computer Program for Stochastic Frontier Production and Cost Function Estimation. *CEPA Working Paper*. Retrieved from <http://arxiv.org/abs/1407.2593>
- Coelli, T. J., Prasada Rao, D. S., O’Donnell, C. J., & Battese, G. E. (2005). An introduction to efficiency and productivity analysis. In *An Introduction to Efficiency and*

Productivity Analysis. <https://doi.org/10.1007/b136381>

- Coromaldi, M., Pallante, G., & Savastano, S. (2015). Adoption of modern varieties , farmers ' welfare and crop biodiversity: Evidence from Uganda. *Ecological Economics*, 119, 346–358. <https://doi.org/10.1016/j.ecolecon.2015.09.004>
- Daba, A., Tadesse, M., Tsega, M., & Berecha, G. (2023). Assessment of farmers ' knowledge and perceptions of coffee yield reduction due to weeds and their management in Ethiopia. *Heliyon*, 9(8), e19183. <https://doi.org/10.1016/j.heliyon.2023.e19183>
- Dabla-norris, E., & Kochhar, K. (2015). Causes and Consequences of Income Inequality : A Global Perspective. *Imf*, 1–39.
- Daniel, J. (2022). Pengaruh Pemanfaatan Ruang Food Estate Terhadap Ekonomi Masyarakat Di Desa Bentuk Jaya A5. *Itn*. Retrieved from <http://eprints.itn.ac.id/7768/%0Ahttp://eprints.itn.ac.id/7768/10/10>. JURNAL.pdf
- Daramola, O. S., Adigun, J. A., & Adeyemi, O. R. (2021). Efficacy and economics of integrated weed management in chilli pepper (*Capsicum frutescens* L.). *Journal of Crop Improvement*, 35(1), 38–50. <https://doi.org/10.1080/15427528.2020.1795770>
- Darmawan, A., Gayatri, S., & Satmoko, S. (2021). Pengaruh Perilaku Petani Dalam Penerapan Sapta Usahatani Terhadap Produktivitas Padi Di Kelompok Tani Vanda Subur, Kota Semarang. *Jurnal Litbang Provinsi Jawa Tengah*, 19(1), 37–48. <https://doi.org/10.36762/jurnaljateng.v19i1.849>
- Darmawan, D. P. (2019). *Pengukuran Efisiensi Produktif: Menggunakan Pendekatan Stochastic Frontier* (D. Aribawa, Ed.). Yogyakarta: Elmatara.
- Das, S., Mohanty, S., Sahu, G., & Sarkar, S. (2020). Sustainable agriculture: a path towards better future. *Food and Scientific Reports*, 1(9), 22–25. Retrieved from <https://www.researchgate.net/publication/344138243>
- Debertin, D. (2012). *Agricultural Production Economics* (Second Edt). USA.
- Dentzman, K. (2018). Herbicide resistant weeds as place disruption : Their impact on farmers ' attachment , interpretations , and weed management strategies. *Journal of Environmental Psychology*, 60(March), 55–62. <https://doi.org/10.1016/j.jenvp.2018.10.006>
- Djuwendah, E., Karyani, T., Wulandari, E., & Pradono, P. (2023). Community-Based Agro-Ecotourism Sustainability in West Java, Indonesia. *Sustainability*, 15(13), 10432. <https://doi.org/10.3390/su151310432>
- Douglas, P. H. (1967). Comments on The Cobb-Douglas Production Function. In *the National Bureau of Economic Research*. Retrieved from <http://www.nber.org/books/brow67-1>
- Drescher, M., Hannay, J., Feick, R. D., & Caldwell, W. (2024). Social psychological factors drive farmers ' adoption of environmental best management practices. *Journal of Environmental Management*, 350(November 2023), 119491. <https://doi.org/10.1016/j.jenvman.2023.119491>
- Dumasari. (2020). *Pembangunan Pertanian Mendahulukan Yang Tertinggal* (Jamhari & I. Santoso, Eds.). Yogyakarta: Pustaka Pelajar.

- Dzikrillah, F. G., Anwar, S., & Sutjahjo, H. S. (2017). Analisis Keberlanjutan Usahatani Padi Sawah di Kecamatan Soreang Kabupaten Bandung. *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan*, 7(2), 107. <https://doi.org/10.19081/jpsl.2017.7.2.107>
- Eric, G. O., Lagat, J. K., Ithinji, G. K., Mutai, B. K., Kenneth, S. W., & Joseph, M. K. (2013). Maize Farmers Perceptions towards Organic Soil Management Practices in Bungoma County, Kenya. *Research Journal of Environmental and Earth Sciences*, 5(2), 41–48. <https://doi.org/10.19026/rjees.5.5637>
- Erviyana, P. (2014). Faktor-Faktor Yang Mempengaruhi Produksi Tanaman Pangan Jangung di Indonesia. *Journal of Economics and Policy*, 5(62), 271–279. <https://doi.org/10.15294/jejak.v7i1.3596>
- Eswaran, H., Virmani, S. ., & Spivey Jr, L. . (1993). Sustainable Agriculture in Developing Countries: Constraints, Challenges and Choice. *American Society of Agronomiy*, 56(1991), 7–24.
- Fan, P., Mishra, A. K., Feng, S., & Su, M. (2023). The effect of agricultural subsidies on chemical fertilizer use: Evidence from a new policy in China. *Journal of Environmental Management*, 344(May), 118423. <https://doi.org/10.1016/j.jenvman.2023.118423>
- Fauzi, G., Anwar, S., & Hadi, S. (2017). Analsisi Keberlanjutan Usahatani Padi Sawah di Kecamatan Soreang Kabupaten Bandung. *Pengelolaan Sumberdaya Alam Dan Lingkungan*, 7(2), 107–113. <https://doi.org/10.19081/jpsl.2017.7.2.107>
- Fauzi, G., Anwar, S., Hadi, S., Agronomi, D., Pertanian, F., Bogor, I. P., & Ipb, K. (2017). Sustainable of Rice Farming in Soreang District of Bandung Regency. *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan Vol.*, 7(2), 107–113. <https://doi.org/10.19081/jpsl.2017.7.2.107>
- Fisher, M., Holden, S. T., Thierfelder, C., & Katengeza, S. P. (2018). Awareness and adoption of conservation agriculture in Malawi: what difference can farmer-to-farmer extension make? *International Journal of Agricultural Sustainability*, 16(3), 310–325. <https://doi.org/10.1080/14735903.2018.1472411>
- Francis, C. A. (2019). Integrated weed management for sustainable agriculture. *Agroecology and Sustainable Food Systems*, 43(3), 358–360. <https://doi.org/10.1080/21683565.2018.1515800>
- Frankowski, J., & Czekala, W. (2023). Agricultural Plant Residues as Potential Co-Substrates for Biogas Production. *Energies*, 16(11). <https://doi.org/10.3390/en16114396>
- Fusun Tatlıdil, F., Boz, İ., & Tatlıdil, H. (2009). Farmers' perception of sustainable agriculture and its determinants: a case study in Kahramanmaraş province of Turkey. *Environment, Development and Sustainability*, 11(6), 1091–1106. <https://doi.org/10.1007/s10668-008-9168-x>
- Gita Marindra, Bustanul Arifin, Y. I. (2018). Analisis Keberlanjutan Usahatani Kopi Sertifikasi Common Code For The Coffee Community (4C) di Kabupaten Tanggamus Provinsi Lampung. 6(4), 367–383.
- Gohin, A., & Zheng, Y. (2020). Reforming the European Common Agricultural Policy:

- From price & income support to risk management. *Journal of Policy Modeling*, 42(3), 712–727. <https://doi.org/10.1016/j.jpolmod.2020.02.008>
- Gunduz, O., Ceyhan, V., Erol, E., & Ozkaraman, F. (2011). An evaluation of farm level sustainability of apricot farms in Malatya province of Turkey. *Journal of Food, Agriculture and Environment*, 9(1), 700–705.
- Habtemariam, L. T., Gandorfer, M., Kassa, G. A., & Sieber, S. (2020). Risk experience and smallholder farmers' climate change adaptation decision. *Climate and Development*, 12(4), 385–393. <https://doi.org/10.1080/17565529.2019.1630351>
- Hadiprayitno, I. I. (2015). Behind Transformation: The Right to Food, Agricultural Modernisation and Indigenous Peoples in Papua, Indonesia. *Human Rights Review*, 16(2), 123–141. <https://doi.org/10.1007/s12142-015-0353-7>
- Hamdani, K. K., Nurawan, A., Rachman, A., & Dianawati, M. (2020). Kajian Usahatani Bawang Merah di Kecamatan Pabuaran, Kabupaten Cirebon. *Kesiapan Sumber Daya Pertanian Dan Inovasi Spesifik Lokasi Memasuki Era Industri 4.0*, 339–346. Kementerian Pertanian.
- Hamdani, M., Rozalina, R., & Basriwijaya, K. M. Z. (2023). Faktor-Faktor yang Mempengaruhi Produktivitas Penyadap Tanaman Karet di PT. Atjeh Raya Corpindo Kebun Alur Buluh. *Jurnal Agrica*, 16(2), 190–200.
- Harsati, B. B., Sutrisono, J., & Suwanto. (2016). Analisis Distribusi Pendapatan Usahatani Sayuran di Dusun Buket Desa Bulugunung Kecamatan Plaosan Kabupaten Magetan. *Agrista*, 4(3).
- Hasbullah Syaf, Syamsu Alam, Lukman Yunus, Dewi Nurhayati Yusuf, M. Tufaila, Samsul Alam Fyka, ... Mahyudi. (2023). Perencanaan Lokasi Pengembangan Food Estate Di Kabupaten Kolaka Timur. *Jurnal Perencanaan Wilayah*, 8(1), 93–106. <https://doi.org/10.33772/jpw.v8i1.378>
- Hasri, H., Zakaria, J., & Arifin, A. (2020). Faktor-Faktor Yang Mempengaruhi Produksi Bawang Merah Di Kecamatan Banggae Timur Kabupaten Majene. *PARADOKS: Jurnal Ilmu Ekonomi*, 3(4), 64–72. <https://doi.org/10.33096/paradoks.v3i4.599>
- Hayati, D., Ranjbar, Z., & Karami, E. (2010). *Measuring Agricultural Sustainability*. (May 2014). <https://doi.org/10.1007/978-90-481-9513-8>
- Hermanto, C., Maharijaya, A., Arsanti, I. W., Hayati, M., Rosliani, R., Setyawati, C. A., ... Setiani, R. (2017). Pedoman Budidaya Bawang Merah Menggunakan Benih Biji. *Direktorat Sayuran Dan Tanaman Obat*, 1–20.
- Hoogesteger, J., Bolding, A., Sanchis-ibor, C., Jan, G., Venot, J., Vos, J., & Boelens, R. (2023). Communalities in farmer managed irrigation systems: Insights from Spain. *Agricultural Systems*, 204(September 2022), 103552. <https://doi.org/10.1016/j.agsy.2022.103552>
- Hortikultura, D. J. (2020). *Laporan Tahunan 2022*.
- Istriningsih, Dewi, Y. A., Yulianti, A., Hanifah, V. W., Jamal, E., Dadang, ... Harsanti, E. S. (2022). Farmers' knowledge and practice regarding good agricultural practices (GAP) on safe pesticide usage in Indonesia. *Heliyon*, 8(1), e08708. <https://doi.org/10.1016/j.heliyon.2021.e08708>

- Iyabano, A., Klerkx, L., Faure, G., & Toillier, A. (2022). Farmers' Organizations as innovation intermediaries for agroecological innovations in Burkina Faso. *International Journal of Agricultural Sustainability*, 20(5), 857–873. <https://doi.org/10.1080/14735903.2021.2002089>
- Jambo, I. J., Groot, J. C. J., Descheemaeker, K., Bekunda, M., & Tiftonell, P. (2019). Motivations for the use of sustainable intensification practices among smallholder farmers in Tanzania and Malawi. *NJAS - Wageningen Journal of Life Sciences*, 89, 100306. <https://doi.org/10.1016/j.njas.2019.100306>
- Jamil, M. H., Rahma Azizah Basmahuddin, N., B Dammallino, E., & Ridwan, M. (2023). Faktor-Faktor yang Mempengaruhi Kinerja Penyuluh Pertanian dalam Masa Pandemi Covid-19 di Kabupaten Jeneponto. *Jurnal Penyuluhan*, 19(01), 80–92. <https://doi.org/10.25015/19202341935>
- Jayathilake, H. M., Jamaludin, J., De Alban, J. D. T., Webb, E. L., & Carrasco, L. R. (2023). The conversion of rubber to oil palm and other landcover types in Southeast Asia. *Applied Geography*, 150(December 2022), 102838. <https://doi.org/10.1016/j.apgeog.2022.102838>
- Jenkins, N. R., & Bell, M. (1987). *FARM EXTENSIFICATION: IMPLICATIONS OF EC REGULATION 1760 / 87*. (1).
- Jhingan. (2008). *Ekonomi Pembangunan dan Perencanaan*. Jakarta: PT RajaGrafindo Persada.
- Juhandi, D., & Purba, A. E. (2021a). Rencana Kebijakan dan Program Pembangunan Hortikultura Lahan Kering untuk Provinsi Sumatera Utara: Sudah Tepatkah? Abstrak. *Agrimor*, 6(2502), 88–100. <https://doi.org/10.32938/ag.v6i3.1341>
- Juhandi, D., & Purba, A. E. (2021b). Rencana Kebijakan dan Program Pembangunan Hortikultura Lahan Kering untuk Provinsi Sumatera Utara: Sudah Tepatkah? *Agrimor*, 6(3), 88–100. <https://doi.org/10.32938/ag.v6i3.1341>
- Juniyanti, L., & Situmorang, R. O. P. (2023). What causes deforestation and land cover change in Riau Province, Indonesia. *Forest Policy and Economics*, 153(December 2022), 102999. <https://doi.org/10.1016/j.forpol.2023.102999>
- Kacaribu, F. (2020). *Kondisi Perekonomian dan APBN Terkini*. Retrieved from https://www.kemenkeu.go.id/media/16257/v4-ka-bkf_dialogue-kita-kli-2-oktober-2020.pdf
- Kamin, A. B. M., & Altamaha, R. (2019). Modernisasi Tanpa Pembangunan Dalam Proyek Food Estate Di Bulungan Dan Merauke. *BHUMI: Jurnal Agraria Dan Pertanahan*, 5(2), 163–179. <https://doi.org/10.31292/jb.v5i2.368>
- Kangah, H., & Atampugre, G. (2022). Farmer adoption of planned climate adaptation: Institutional constraints and opportunities in the Upper East Region of Ghana. *Cogent Social Sciences*, 8(1). <https://doi.org/10.1080/23311886.2022.2035048>
- Kaosa-ard, M. S., & Rerkasem, B. (2000). The growth and sustainability of agriculture in Asia. *Oxford University Press*, 303. Retrieved from https://opacplus.bib-bvb.de/TouchPoint_touchpoint/singleHit.do?methodToCall=showHit&curPos=1&identifier=21_FAST_746842230

- Karim, sitti aminah hamzah, Risnawati, & Kartika, D. (2023). Pengaruh Biaya produksi, luas lahan dan hasil produksi terhadap pendapatan petani padi. *Jurnal Studi Manajemen Dan Riset Terapan*, 1(2), 55–61.
- Karmini. (2018). Ekonomi Produksi Pertanian. In *Mulawarman University Press* (Vol. 7). Retrieved from https://www.researchgate.net/publication/269107473_What_is_governance/link/548173090cf22525dcb61443/download%0Ahttp://www.econ.upf.edu/~reynal/Civilwars_12December2010.pdf%0Ahttps://think-asia.org/handle/11540/8282%0Ahttps://www.jstor.org/stable/41857625
- Keiner, M. (2004). Re-emphasizing sustainable development? The concept of?Evolutionability? *Environment, Development and Sustainability*, 6(4), 379–392. <https://doi.org/10.1007/s10668-005-5737-4>
- Keiner, & Marco. (2005). History, definitions and models of sustainable development. *ETH Zurich Research Collection*, 21(6), 12–19. Retrieved from <https://doi.org/10.3929/ethz-a-010025751>
- Kementan. (2020a). *Grand Desain Pengembangan Kawasan Food Estate Berbasis Korporasi Petani di Lahan Rawa Kalimantan Tengah*. Jakarta.
- Kementan. (2020b). *Outlook Bawang Merah: Komoditas Pertanian Subsektor Hortikultura*. Jakarta.
- Kementan. (2020c). Outlook Cabai: Komoditas Pertanian Subsektor Hortikultura. In *Kementan*. Retrieved from <https://medium.com/@arifwicaksanaa/pengertian-use-case-a7e576e1b6bf>
- Kementan. (2020d). *Outlook Cabai Komoditas Pertanian Subsektor Hortikultura*. Retrieved from <https://medium.com/@arifwicaksanaa/pengertian-use-case-a7e576e1b6bf>
- Kementan. (2020e). *Outlook Cabai Komoditas Pertanian Subsektor Hortikultura*. Jakarta.
- Kementan. (2020f). *Pedoman umum pengembangan kawasan food estate berbasis korporasi petani di lawah rawa Kalimantan Tengah*. Retrieved from <http://repository.pertanian.go.id/handle/123456789/13920>
- Kementan. (2020g). *Petunjuk Teknis Pengembangan Kawasan Food Estate Berbasis Hortikultura di Kabupaten Humbang Hasundutan Tahun Anggaran 2020*. Jakarta: Direktorat Jenderal Hortikultura.
- Kementan. (2020h). Rencana Strategis Kementerian Pertanian 2020 - 2024. In *Kementerian Pertanian RI* (Vol. 7). Retrieved from https://www.researchgate.net/publication/269107473_What_is_governance/link/548173090cf22525dcb61443/download%0Ahttp://www.econ.upf.edu/~reynal/Civilwars_12December2010.pdf%0Ahttps://think-asia.org/handle/11540/8282%0Ahttps://www.jstor.org/stable/41857625
- Khun, C., & Lim, S. (2023). Productivity and market participation: Cambodian rice farmers. *Journal of Asian Economics*, 88(August 2022), 101646. <https://doi.org/10.1016/j.asieco.2023.101646>
- Kilmanun, J. C., Pr, P. E., & Nuarie, R. B. (2020). Analisis Pendapatan Usahatani Bawang

- Merah di Kabupaten Probolinggo Jawa Timur. *Jurnal Pertanian Agros*, 22(2), 272–277.
- Kiptot, E., & Franzel, S. (2015). Farmer-to-farmer extension: opportunities for enhancing performance of volunteer farmer trainers in Kenya. *Development in Practice*, 25(4), 503–517. <https://doi.org/10.1080/09614524.2015.1029438>
- Kiromah, S., & Hindarti, S. (2020). Optimasi Alokasi Input Usahatani Bawang Merah (*Allium ascalonicum* L.) di Desa Tawangargo Kecamatan Karangploso Kabupaten Malang. *JU-Ke*, 4(2), 41–49.
- Kovacs, E. K. (2021). Seeing subsidies like a farmer: emerging subsidy cultures in Hungary. *The Journal of Peasant Studies*, 48(2), 387–410. <https://doi.org/10.1080/03066150.2019.1657842>
- Krishna Murthy, R., Bhavya, N., Govinda, K., Uday Kumar, S. N., Basavaraja, P. K., Mohamed Saeedulla, H. S., ... Dey, P. (2023). Modelling soil, plant and fertilizer relationship to optimize nutrient management for chilli (*Capsicum annum* L) under Alfisols of Southern India. *Archives of Agronomy and Soil Science*, 69(15), 3570–3586. <https://doi.org/10.1080/03650340.2023.2264210>
- Kwizerimana, S., Mugwe, J., & Nigat, B. (2023). Impact of collective marketing participation on farmers' income: Evidence from smallholder avocado farmers of Murang'a County, Kenya. *Social Sciences and Humanities Open*, 8(1), 100614. <https://doi.org/10.1016/j.ssaho.2023.100614>
- Lago-oliveira, S., Rebolledo-leiva, R., Garofalo, P., Teresa, M., & González-garcía, S. (2023). *Science of the Total Environment Environmental and economic benefits of wheat and chickpea crop rotation in the Mediterranean region of Apulia (Italy)*. 896(June). <https://doi.org/10.1016/j.scitotenv.2023.165124>
- Lark, T. J., Spawn, S. A., Bougie, M., & Gibbs, H. K. (2020). Cropland expansion in the United States produces marginal yields at high costs to wildlife. *Nature Communications*, 11(1), 1–11. <https://doi.org/10.1038/s41467-020-18045-z>
- Lasminingrat, L., & Efriza, E. (2020). Pembangunan Lumbung Pangan Nasional: Strategi Antisipasi Krisis Pangan Indonesia. *Jurnal Pertahanan & Bela Negara*, 10(3), 243. <https://doi.org/10.33172/jpbh.v10i3.1053>
- Latifa, D., Tanjung, F., & Yuzaria, D. (2021). Analisis Daya Saing dan Kebijakan Pemerintah terhadap Komoditas Cabai Merah Keriting di Kabupaten Kerinci, Provinsi Jambi, Indonesia. *Agro Bali: Agricultural Journal*, 4(3), 447–458. <https://doi.org/10.37637/ab.v4i3.741>
- Lau, L. J., & Yotopoulos, P. a. (1971). A test for relative efficiency and application to Indian agriculture. *The American Economic Review*, 61(1), 94–109.
- Li, B., Xu, C., Zhu, Z., & Kong, F. (2022). How to encourage farmers to recycle pesticide packaging wastes: Subsidies VS social norms. *Journal of Cleaner Production*, 367(July), 133016. <https://doi.org/10.1016/j.jclepro.2022.133016>
- Li, C., Wang, H., Zhao, L., & Shen, H. (2023). Effect of long-term land use change on soil organic carbon fractions and functional groups. *Arid Land Research and Management*, 0(0), 1–19. <https://doi.org/10.1080/15324982.2023.2284882>

- Li, H., Zha, Y., & Bi, G. (2023). Agricultural insurance and power structure in a capital-constrained supply chain. *Transportation Research Part E*, 171(March 2022), 103037. <https://doi.org/10.1016/j.tre.2023.103037>
- Liu, J., Xu, Q., & Zhou, T. (2023). Can pro-environmental behavior increase farmers' income?—Evidence from arable land quality protection practices in China. *Economic Research-Ekonomska Istrazivanja*, 36(1). <https://doi.org/10.1080/1331677X.2023.2179512>
- Liu, Y., Li, Z., Li, Y., Liu, Z., Chen, F., Bi, Z., ... Zhang, X. (2023). Resources , Conservation & Recycling Impact of extended dryland crop rotation on sustained potato cultivation in Northwestern China. *Resources, Conservation & Recycling*, 197(July), 107114. <https://doi.org/10.1016/j.resconrec.2023.107114>
- Lubis, F. A., Harisudin, M., & Fajarningsih, R. U. (2019). Strategi Pengembangan Agribisnis Cabai Merah di Kabupaten Sleman dengan Metode Analytical Hierarchy Process. *AGRARIS: Journal of Agribusiness and Rural Development Research*, 5(2). <https://doi.org/10.18196/agr.5281>
- Lyu, X., Peng, W., Niu, S., Qu, Y., & Xin, Z. (2022). Evaluation of sustainable intensification of cultivated land use according to farming households' livelihood types. *Ecological Indicators*, 138(November 2021). <https://doi.org/10.1016/j.ecolind.2022.108848>
- Maharani, M., Sukamdani, N. B. S., & Soegiyono. (2023). Sustainability of Area Management Agro-EcoTourism-Halal (Case Study: Agro-Eco-Tourism-Halal, Rancamaya, Bogor). *Proceedings of the International Conference on Sustainable Environment, Agriculture and Tourism (ICOSEAT 2022)*, 26, 823–827. https://doi.org/10.2991/978-94-6463-086-2_109
- Mali, S. S., Naik, S. K., Jha, B. K., Singh, A. K., & Bhatt, B. P. (2019). Planting geometry and growth stage linked fertigation patterns: Impact on yield, nutrient uptake and water productivity of Chilli pepper in hot and sub-humid climate. *Scientia Horticulturae*, 249(February 2018), 289–298. <https://doi.org/10.1016/j.scienta.2019.02.003>
- Malik, R. P. S., Giordano, M., & Rathore, M. S. (2018). The negative impact of subsidies on the adoption of drip irrigation in India: evidence from Madhya Pradesh. *International Journal of Water Resources Development*, 34(1), 66–77. <https://doi.org/10.1080/07900627.2016.1238341>
- Malila, B. P., Kaaya, O. E., Lusambo, L. P., Schaffner, U., & Kilawe, C. J. (2023). Environmental and Sustainability Indicators Factors influencing smallholder Farmer 's willingness to adopt sustainable land management practices to control invasive plants in northern Tanzania. *Environmental and Sustainability Indicators*, 19(July), 100284. <https://doi.org/10.1016/j.indic.2023.100284>
- Marita, L., Arief, M., Andriani, N., & Wildan, M. A. (2021). Strategi Peningkatan Kesejahteraan Petani Indonesia, Review Manajemen Strategis. *Agriekonomika*, 10(1), 1–18. <https://doi.org/10.21107/agriekonomika.v10i1.9391>
- Mariyani, S., Prasmatiwi, F. E., & Adawiyah, R. (2017). Ketersediaan pangan dan faktor-faktor yang mempengaruhi ketersediaan pangan rumah tangga petani padi anggota lumbung pangan di Kecamatan Ambarawa Kabupaten Pringsewu. *Jurnal Ilmu-Ilmu*

Agribisnis, 5(3), 304.

- Mariyono, J. (2018). Profitability and Determinants of Smallholder Commercial Vegetable Production. *International Journal of Vegetable Science*, 24(3), 274–288. <https://doi.org/10.1080/19315260.2017.1413698>
- Martini, E., Pagella, T., Mollee, E., & Noordwijk, M. Van. (2023). Relational values in locally adaptive farmer-to-farmer extension: how important? *Environmental Sustainability*, 1–7. <https://doi.org/https://doi.org/10.1016/j.cosust.2023.101363>
- Maryanto, M. A., Sukiyono, K., & Sigit Priyono, B. (2018). Analisis Efisiensi Teknis dan Faktor Penentunya pada Usahatani Kentang (*Solanum tuberosum* L.) di Kota Pagar Alam, Provinsi Sumatera Selatan. *AGRARIS: Journal of Agribusiness and Rural Development Research*, 4(1), 1–8. <https://doi.org/10.18196/agr.4154>
- Masikati, P., Sisito, G., Chipatela, F., Tembo, H., & Winowiecki, L. A. (2021). Agriculture extensification and associated socio-ecological trade-offs in smallholder farming systems of Zambia. *International Journal of Agricultural Sustainability*, 19(5–6), 497–508. <https://doi.org/10.1080/14735903.2021.1907108>
- Mason, J. (2003). *Sustainable Agriculture Second Edition* (2nd ed.). Australia: Australia.
- Mcdonald, S. M. (2011). Perception: A Concept Analysis. In *The Univeristy of Texas at Tyler*.
- Menlhk. (2020). *Rencana Operasional Pemulihan Ekonomi Nasional (PEN) Food Estate*. Jakarta.
- Miftahuljanah, Sukiyono, K., & Asriani, P. S. (2020). Votalitas dan Transmisi Harga Cabai Merah Keriting Pada Pasar Vertikal di Provinsi Bengkulu. *Jurnal Agro Ekonomi*, 38(1), 29–39.
- Migheli, M., & Saccone, D. (2023). Some new evidence on economic freedom and income distribution. *Applied Economics*, 55(27), 3154–3169. <https://doi.org/10.1080/00036846.2022.2109578>
- Mihai, C., Laura, S., Mare, C., Mihaela, G., & Purcel, A. (2023). Does risk assessment and specific knowledge impact crop insurance underwriting? Evidence from Romanian farmers. *Economic Analysis and Policy*, 79, 343–358. <https://doi.org/10.1016/j.eap.2023.06.025>
- Miller, L., & Malacarne, J. (2023). What role can farmers markets play in the larger context of food access? A simulation model with application to the state of Maine. *Applied Geography*, 158(November 2022), 103053. <https://doi.org/10.1016/j.apgeog.2023.103053>
- Mkhabela, T. S. (2011). *An Econometric Analysis of the Economic and Environmental Efficiency of Dairy Farms in the KwaZulu-Natal Midlands*.
- Monke, E. A., & Pearson, S. R. (1989). *The Policy Analysis Matrix For Agricultural Development*. Outreach Program.
- Moore, N., Alagarswamy, G., Pijanowski, B., Thornton, P., Lofgren, B., Olson, J., ... Qi, J. (2012). East African food security as influenced by future climate change and land use change at local to regional scales. *Climatic Change*, 110(3–4), 823–844. <https://doi.org/10.1007/s10584-011-0116-7>

- Muflikh, Y. N., Smith, C., Brown, C., & Aziz, A. A. (2021). *Analysing price volatility in agricultural value chains using systems thinking: A case study of the Indonesian chilli value chain*. 192(May).
- Muhammad Junaidi, Sri Hindarti, N. K. (2020). Efisiensi Dan Faktor-Faktor Yang Mempengaruhi Produksi Bawang Merah A . Tempat dan Waktu Penelitian B . Metode Pengambilan Sampel. *Seagri*, 8(2), 69–82.
- Mujiburrahmad, M., Muljono, P., & Sadono, D. (2014). Kinerja Penyuluh Pertanian di Kabupaten Pidie Provinsi Aceh dalam Melaksanakan Tugas dan Fungsinya. *Jurnal Penyuluhan*, 10(2), 141–150. <https://doi.org/10.25015/penyuluhan.v10i2.9922>
- Mujio, Rahayu, R. A., Waskitaningsih, N., & Mulyadi, E. (2023). Village Development Sustainability Analysis: A Case Study in Cijeruk, Bogor Regency. *The Journal of Indonesia Sustainable Development Planning*, 4(1), 57–68. <https://doi.org/10.46456/jisdep.v4i1.413>
- Mulyatiningsih, E. (2023). *Metode Penelitian Dasar untuk Penulisan Tugas Akhir di Perguruan Tinggi*.
- Namyenya, A., Zeller, M., Rwamigisa, P. B., & Birner, R. (2022). Analysing the performance of agricultural extension managers: a case study from Uganda. *Journal of Agricultural Education and Extension*, 28(3), 363–389. <https://doi.org/10.1080/1389224X.2021.1932539>
- Nandini, R., Kusumandari, A., Gunawan, T., & Sadono, R. (2017). Multidimensional Scaling Approach to Evaluate the Level of Community Forestry Sustainability in Babak Watershed, Lombok Island, West Nusa Tenggara. *Forum Geografi*, 31(1), 28–42. <https://doi.org/10.23917/forgeo.v31i1.3371>
- Naully, D. (2016). Fluktuasi dan Disparitas Harga Cabai di Indonesia. *Jurnal Agrosains Dan Teknologi*, 1(1), 57–69.
- Ngango, J., Musabanganji, E., Maniriho, A., Nkikabahizi, F., & Mukamuhire, A. (2023). Examining the adoption of agroforestry in Southern Rwanda: a double hurdle approach. *Forest Science and Technology*, 19(4), 260–267. <https://doi.org/10.1080/21580103.2023.2254317>
- Nhundu, T., Mutandwa, E., Stark, J., Chamboko, T., & Vambe, A. T. (2023). Determinants of smallholder livestock farmers' adoption decisions of improved fodder technologies in Insiza District. *African Journal of Science, Technology, Innovation and Development*, (May). <https://doi.org/10.1080/20421338.2023.2196199>
- Nicholson, W. (1992). *Microeconomic Theory: Basic Principles and Extensions* (Fifth Edit). United States of America: The Dryden Press.
- Niedziałkowski, K., & Chmielewski, P. (2023). Challenging the dominant path of forest policy? Bottom-up, citizen forest management initiatives in a top-down governance context in Poland. *Forest Policy and Economics*, 154(April). <https://doi.org/10.1016/j.forpol.2023.103009>
- Niether, W., Macholdt, J., Schulz, F., & Gattinger, A. (2023). Field Crops Research Yield dynamics of crop rotations respond to farming type and tillage intensity in an organic agricultural long-term experiment over 24 years. *Field Crops Research*, 303(September), 109131. <https://doi.org/10.1016/j.fcr.2023.109131>

- Ningsih, W. W., Iskandar, R., & Kasutjianingati, K. (2022). Sustainable Dimensional Status Analysis in Dragon Fruits Agribusiness Development in Banyuwangi. *Proceedings of the 2nd International Conference on Social Science, Humanity and Public Health (ICOSHIP 2021)*, 645(Icoship 2021), 131–136. <https://doi.org/10.2991/assehr.k.220207.021>
- Nizar, R., Siswati, L., Ariyanto, A., Agribisnis, P. S., Pertanian, F., & Kuning, U. L. (2021). *Struktur Pendapatan Dan Pengeluaran Rumahtangga Petani Hortikultura Masa Pandemi Kelurahan Tebing Tinggi Okura Kecamatan Rumbai Pesisir*. (85).
- Nuraini, C., & Mutolib, A. (2023). The sustainability analysis of red chili farming in Taraju District, Tasikmalaya Regency. *IOP Conference Series: Earth and Environmental Science*, 1133(1). <https://doi.org/10.1088/1755-1315/1133/1/012060>
- Nurjannah, S., & Hasan, F. (2021). Analisis Variasi Produktivitas Bawang Merah di Kecamatan Sokobana Kabupaten Sampang. *Agriscience*, 2, 129–147.
- Obidzinski, K., Takahashi, I., Dermawan, A., Komarudin, H., & Andrianto, A. (2013). Can large scale land acquisition for agro-development in Indonesia be managed sustainably? *Land Use Policy*, 30(1), 952–965. <https://doi.org/10.1016/j.landusepol.2012.06.018>
- Odziejewicz, J. I., Wołejko, E., Wydro, U., Wasil, M., & Jabłońska-Trypuć, A. (2022). Utilization of Ashes from Biomass Combustion. *Energies*, 15(24). <https://doi.org/10.3390/en15249653>
- Oelviani, R. (2015). Penerapan Metode Analytic Hierarchy Process Untuk Merumuskan Strategi Penguatan Kinerja Sistem Agribisnis Cabai Merah Di Kabupaten Temanggung. *Informatika Pertanian*, 22(1), 11. <https://doi.org/10.21082/ip.v22n1.2013.p11-19>
- Ogundari, K., & Ojo, O. S. (2006). an Examination of Technical , Economic and Allocative Efficiency of Small Farms : the Case Study of Cassava Farmers in Osun State of Nigeria. *Agricultural Economics*, 7(3), 423–432.
- Oniki, S., Berhe, M., Negash, T., & Etsay, H. (2023). Forest Policy and Economics Do economic incentives crowd out motivation for communal land conservation in Ethiopia? *Forest Policy and Economics*, 150(April 2022), 102948. <https://doi.org/10.1016/j.forpol.2023.102948>
- Onyango, V. A., Owuor, G., Rao, E. J., & Otieno, D. J. (2023). Impact of cooperatives on smallholder dairy farmers' income in Kenya. *Cogent Food and Agriculture*, 9(2). <https://doi.org/10.1080/23311932.2023.2291225>
- Ortiz-Oliveros, H. B., Ávila-Pérez, P., Cruz-González, D., Villalva-Hernández, A., Lara-Almazán, N., & Torres-García, I. (2022). Climatic and hydrological variations caused by Land Use/Land Cover changes in the valley of Toluca, Mexico: A rapid assessment. *Sustainable Cities and Society*, 85(July). <https://doi.org/10.1016/j.scs.2022.104074>
- Oyetunde-usman, Z., Oluseyi, K., & Ra, O. (2021). *Determinants of adoption of multiple sustainable agricultural practices among smallholder farmers in Nigeria*. 9. <https://doi.org/10.1016/j.iswcr.2020.10.007>
- Paas, W., Accatino, F., Bijttebier, J., Black, J. E., Gavrilescu, C., Krupin, V., ... Reidsma,

- P. (2021). Participatory assessment of critical thresholds for resilient and sustainable European farming systems. *Journal of Rural Studies*, 88(November), 214–226. <https://doi.org/10.1016/j.jrurstud.2021.10.016>
- Pantaugambut.id. (2020). Food Estate Kalimantan Tengah, Kebijakan Instan Sarat Kontroversi. *Buletin APBN*, 5(16), 2–15.
- Parven, A., Pal, I., Witayangkurn, A., & Pramanik, M. (2022). International Journal of Disaster Risk Reduction Impacts of disaster and land-use change on food security and adaptation : Evidence from the delta community in Bangladesh. *International Journal of Disaster Risk Reduction*, 78(June), 103119. <https://doi.org/10.1016/j.ijdr.2022.103119>
- Pawiengla, A. A., Yunitasari, D., & Adenan, M. (2020). Analisis keberlanjutan usahatani kopi rakyat di Kecamatan Silo Kabupaten Jember. *Jurnal Ekonomi Pertanian Dan Agribisnis*, 4, 701–714.
- Pearson, S., Gotsch, C., & Bahri, S. (2005). *Applications of The Policy Analysis Matrix in Indonesia Agriculture*. Jakarta: Yayasan Bogor Indonesia.
- Pradnyawati, I. G. A. B., & Cipta, W. (2021). Pengaruh Luas Lahan, Modal dan Jumlah Produksi Terhadap Pendapatan Petani Sayur di Kecamatan Baturiti. *Ekuitas: Jurnal Pendidikan Ekonomi*, 9(1), 93. <https://doi.org/10.23887/ekuitas.v9i1.27562>
- Prihawantoro, S., Tukiyyat, & Nuraini, A. (2019). *Peranan Sektor Teknologi Informasi dan Komunikasi Dalam Perekonomian Indonesia Dengan Pendekatan Analisis Input-Output*. 9(1), 37–52.
- Rahim, A., Sipardi, S., & Hastuti, D. R. D. (2005). Model Analisis Ekonomi Pertanian. In *PENGARUH PENGGUNAAN PASTA LABU KUNING (Cucurbita Moschata) UNTUK SUBSTITUSI TEPUNG TERIGU DENGAN PENAMBAHAN TEPUNG ANGKAK DALAM PEMBUATAN MIE KERING* (Vol. 3). Makasar: Badan Penerbit Universitas Negeri Makasar.
- Rahmadona, L., Fariyanti, A., & Burhanuddin. (2015). Analisis Pendapatan Usahatani Bawang Merah di Kabupaten Majalengka. *Agrise*, XV(2).
- Rahmanta, R., & Maryunianta, Y. (2020). Pengaruh Harga Komoditi Pangan Terhadap Inflasi di Kota Medan. *Jurnal Agrica*, 13(1), 35–44. <https://doi.org/10.31289/agrica.v13i1.3121>
- Rahmi, A., Supardi, S., & Hastuti, D. R. D. (2012). *Model Analisis Ekonomika Pertanian*. Makasar: Badan Penerbit Universitas Negeri Makasar.
- Ramadhan, P. A. (2021). *Cadangan Logistik Strategis: Menjawab Ancaman Krisis Pangan Dunia Akibat Pandemi Covid-19*. Retrieved from <https://anggaran.kemenkeu.go.id/api/Medias/e0cdb2cb-f703-44ac-9a87-ca6f057c630d>
- Rasekhi, S., Mofidi-chelan, M., Skataric, G., Rando, V., & Azadi, H. (2023). *Sustainability of the local stakeholder network in semi-steppe rangelands in southern Iran*. 161(November 2022). <https://doi.org/10.1016/j.apgeog.2023.103093>
- Rastegari, H., Nooripoor, M., Sharifzadeh, M., & Petrescu, D. C. (2023). Drivers and barriers in farmers' adoption of vermicomposting as keys for sustainable agricultural

- waste management. *International Journal of Agricultural Sustainability*, 21(1). <https://doi.org/10.1080/14735903.2023.2230826>
- Rozali, M. (2020). Faktor Faktor yang Mempengaruhi Ketimpangan Distribusi Pendapatan dan Implikasinya terhadap Kemiskinan di Propinsi Sumatera Selatan. *Jurnal Ekonomi*, 22(1). <https://doi.org/https://doi.org/10.37721/je.v22i1.626>
- Rusmadi. (2017). Pengaruh Harga Cabai Terhadap Tingkat Inflasi di Indonesia Tahun 2016. *Syntax Literate: Jurnal Ilmiah Indonesia*, 2(2), 124–132.
- Saad, A., Zhang, R., & Xia, Y. (2019). The Policy Analysis Matrix (PAM): Comparative Advantage of China's Wheat Crop Production 2017. *Journal of Agricultural Science*, 11(17), 150. <https://doi.org/10.5539/jas.v11n17p150>
- Saida, Abdullah, Novita, E., & Ilsan, M. (2016). Sustainability Analysis of Potato Farming System at Sloping Land in Gowa Regency, South Sulawesi. *Agriculture and Agricultural Science Procedia*, 9, 4–12. <https://doi.org/10.1016/j.aaspro.2016.02.107>
- Saida, S., Sabiham, S., Widiatmaka, W., & Sutjahjo, S. H. (2011). Analisis Keberlanjutan Usahatani Hortikultura Sayuran Pada Lahan Berlereng Di Hulu Das Jeneberang, Sulawesi Selatan. *Jurnal Matematika Sains Dan Teknologi*, 12(2), 101–112. <https://doi.org/10.33830/jmst.v12i2.550.2011>
- Salifu, A., & Horlu, G. S. A. (2021). Nonfarm employment and mobility of farmers into different income groups: evidence from rural Ghana. *SN Business & Economics*, 2(1), 1–25. <https://doi.org/10.1007/s43546-021-00174-2>
- Salote, M. K., Lihawa, F., & Dunggio, I. (2022). Hubungan Kondisi Sosial Ekonomi Masyarakat Petani Terhadap Degradasi Lahan Di Das Alo Puhu Provinsi Gorontalo. *Jambura Geo Education Journal*, 3(2), 88–96. <https://doi.org/10.34312/jgej.v3i2.14838>
- Santiaseh, A., Canon, S., & Hasiru, R. (2022). Faktor-Faktor yang Mempengaruhi Pendapatan Petani Kelapa di Desa Anutapura Kecamatan Bolano Lambunu Kabupaten Parigi Moutong. *JlIP - Jurnal Ilmiah Ilmu Pendidikan*, 5(9), 3510–3514. <https://doi.org/10.54371/jiip.v5i9.901>
- Santosa, E. (2014). Percepatan Pengembangan Food Estate Untuk Meningkatkan Ketahanan Dan Kemandirian Pangan Nasional. *RISALAH KEBIJAKAN PERTANIAN DAN LINGKUNGAN: Rumusan Kajian Strategis Bidang Pertanian Dan Lingkungan*, 1(2), 80. <https://doi.org/10.20957/jkebijakan.v1i2.10290>
- Santosa, E. (2015). Percepatan Pengembangan Food Estate Untuk Meningkatkan Ketahanan Dan Kemandirian Pangan Nasional. *RISALAH KEBIJAKAN PERTANIAN DAN LINGKUNGAN: Rumusan Kajian Strategis Bidang Pertanian Dan Lingkungan*, 1(2), 80. <https://doi.org/10.20957/jkebijakan.v1i2.10290>
- Sapriala, A. D., Husaini, M., & Fatah, M. L. (2022). Analisis Produksi dan Risiko Produksi Cabai di Kelurahan Syamsudin Noor Kecamatan Landasan Ulin Kota Banjarbaru. *Frontier Agribisnis*, 6(1), 1–8.
- Setyadi, A., Setiadi, A., & Ekowati, T. (2020). Analisis Faktor-Faktor Produksi Yang Mempengaruhi Produksi Cabai Merah Keriting (*Capsicum Annum L*) di Kecamatan Kabupaten Semarang. *Jurnal Ekonomi Pertanian Dan Agribisnis (JEPA)*, 4, 850–

869.

- Shareef, M. A., Mukerji, B., Dwivedi, Y. K., & Rana, N. P. (2019). *Journal of Retailing and Consumer Services Social media marketing : Comparative effect of advertisement sources*. 46(September 2017), 58–69. <https://doi.org/10.1016/j.jretconser.2017.11.001>
- Shinta, A. (2011). *Ilmu Usahatani*. Malang: UB Press.
- Siringoringo, V. P. M., Tety, E., & Yusri, J. (2020). Analisis Pendapatan Dan Distribusi Pendapatan Usahatani Karet Di Kecamatan Singingi Kabupaten Kuantan Singingi. *Indonesian Journal of Agricultural Economics*, 11, 97–106.
- Sjafrizal. (2008). *Ekonomi Regional: Teori dan Aplikasi*. Padang: Baduose Media.
- Slijper, T., Tensi, A. F., Ang, F., Ali, B. M., & Fels-klerx, H. J. Van Der. (2023). Investigating the relationship between knowledge and the adoption of sustainable agricultural practices: The case of Dutch arable farmers. *Journal of Cleaner Production*, 417(November 2022), 138011. <https://doi.org/10.1016/j.jclepro.2023.138011>
- Smidt, H. J., & Jokonya, O. (2022). Factors affecting digital technology adoption by small-scale farmers in agriculture value chains (AVCs) in South Africa. *Information Technology for Development*, 28(3), 558–584. <https://doi.org/10.1080/02681102.2021.1975256>
- Son, J., & Niehm, L. S. (2021). Using social media to navigate changing rural markets: the case of small community retail and service businesses. *Journal of Small Business and Entrepreneurship*, 33(6), 619–637. <https://doi.org/10.1080/08276331.2021.1871711>
- Souri, M. K., & Sooraki, F. Y. (2019). Benefits of organic fertilizers spray on growth quality of chili pepper seedlings under cool temperature. *Journal of Plant Nutrition*, 42(6), 650–656. <https://doi.org/10.1080/01904167.2019.1568461>
- Spiri, J. (2022). *Land Use Policy Looking beyond the conflict : Everyday interactions and relations between Maya and Mennonite farmers in the state of Campeche , Mexico* . 113(May 2020). <https://doi.org/10.1016/j.landusepol.2021.105901>
- Stenberg, J. (2001). Bridging Gaps: Sustainable Development and Local Democracy Processes. In *CHalmers Architecture* (Vol. 84). Sweden.
- Sumarni, N., & Muharam, A. (2005). *Budidaya Tanaman Cabai Merah*. Bandung: Balai Penelitian Tanaman Sayuran.
- Suprastyo, D., Siregar, H., & Mulatsih, S. (2020). Analisis Distribusi Pemilikan Lahan Pertanian dan Pendapatan Usahatani di Kabupaten Karawang. *Tataloka*, 22(1), 61–69. <https://doi.org/10.14710/tataloka.22.1.61-69>
- Susantun, I. (2016). Fungsi keuntungan Cobb-Douglas dalam pendugaan efisiensi ekonomi relatif. *Economic Journal of Emerging Markets*, 5(2), 149–161. <https://doi.org/10.20885/ejem.v5i2.6935>
- Sutarni, dan D. B. (2019). Efficiency of Pangasius Production in Kota Gaj. *Manajemen & Agribisnis*, 16(2), 199–209.
- Sutiknjo, T. D., & Artini, W. (2020). Optimalisasi Dan Pemerataan Pendapatan Petani

- Pada Usahatani Padi Sistem Bagi Hasil. *Jurnal Agrinika : Jurnal Agroteknologi Dan Agribisnis*, 3(2), 92–106. <https://doi.org/10.30737/agrinika.v3i2.726>
- Suzianti, S., Khaswarina, S., & Kusumawaty, Y. (2020). Analisis Distribusi Pendapatan Rumah Tangga Petani Karet Di Desa Kuapan Kecamatan Tambang Kabupaten Kampar. *Indonesian Journal of Agricultural Economics (IJAE)*, 11(2), 193–209. Retrieved from <https://ijae.ejournal.unri.ac.id/index.php/IJAE/article/view/7801/6810>
- Syamsuddin. (2011). *Perhitungan Indeks Gini Ratio Analisis Kesenjangan Distribusi Pendapatan Kabupaten Tanjung Jabung Barat Tahun 2006-2010*. 1(4), 83–102.
- Syuaib, M. F. (2016). *Sustainable agriculture in Indonesia : Facts and challenges to keep growing in harmony with environment*. 18(2), 170–184.
- Takagi, C., Purnomo, S. H., & Kim, M. K. (2021). Adopting Smart Agriculture among organic farmers in Taiwan. *Asian Journal of Technology Innovation*, 29(2), 180–195. <https://doi.org/10.1080/19761597.2020.1797514>
- Tang, C. S., Wang, Y., & Zhao, M. (2023). The Impact of Input and Output Farm Subsidies on Farmer Welfare, Income Disparity, and Consumer Surplus. *Management Science*, (December), 0–18. <https://doi.org/10.1287/mnsc.2023.4850>
- Taye, M. T., Ebrahim, G. Y., Nigussie, L., Hagos, F., Uhlenbrook, S., & Schmitter, P. (2022). Integrated water availability modelling to assess sustainable agricultural intensification options in the Meki catchment, Central Rift Valley, Ethiopia. *Hydrological Sciences Journal*, 67(15), 2271–2293. <https://doi.org/10.1080/02626667.2022.2138403>
- Thomas, V., Wang, Y., & Fan, X. (2001). Measuring Education Inequality. *World Bank Institute*, (January), 1–37. Retrieved from <https://documents.worldbank.org/en/publication/documents-reports/documentdetail/361761468761690314/measuring-education-inequality-gini-coefficients-of-education>
- Todoaro, M. (2000). *Pembangunan Ekonomi di Dunia Ketiga (edisi ketujuh)*. Jakarta: Erlangga.
- Tsai, H., & Lee, Y. (2023). Effects of land use change and crop rotation practices on farmland ecosystem service valuation. *Ecological Indicators*, 155(151), 110998. <https://doi.org/10.1016/j.ecolind.2023.110998>
- Tsurayya, S., & Kartika, L. (2004). Kelambagaan dan Strategi Peningkatan Daya Saing Komoditas Cabai Kabupaten Garut. *Jurnal Manajemen Dan Agribisnis*, 12(1), 1–12. <https://doi.org/10.17358/JMA.12.1.1>
- Župek, B., Lehtonen, A., Mäkipää, R., Peltonen-Sainio, P., Huuskonen, S., Palosuo, T., ... Regina, K. (2021). Extensification and afforestation of cultivated mineral soil for climate change mitigation in Finland. *Forest Ecology and Management*, 501(June). <https://doi.org/10.1016/j.foreco.2021.119672>
- Ule, A., Erjavec, K., & Klopc, M. (2023). *Animal The international journal of animal biosciences Influence of dairy farmers ' knowledge on their attitudes towards breeding tools and genomic selection* ic. 17. <https://doi.org/10.1016/j.animal.2023.100852>

- Unemer, G. O. (2009). *National open university of nigeria*. Nigeria: University of Nigeria.
- Van Grinsven, H. J. M., Erisman, J. W., De Vries, W., & Westhoek, H. (2015). Potential of extensification of European agriculture for a more sustainable food system, focusing on nitrogen. *Environmental Research Letters*, *10*(2), 25002. <https://doi.org/10.1088/1748-9326/10/2/025002>
- Velten, S., Leventon, J., Jager, N., & Newig, J. (2015). What is sustainable agriculture? A systematic review. *Sustainability (Switzerland)*, *7*(6), 7833–7865. <https://doi.org/10.3390/su7067833>
- Virtriana, R., Deanova, M. A., Safitri, S., Anggraini, T. S., Ihsan, K. T. N., Deliar, A., & Riqqi, A. (2023). Identification of land cover change and spatial distribution based on topographic variations in Java Island. *Acta Ecologica Sinica*, (April). <https://doi.org/10.1016/j.chnaes.2023.08.002>
- Wahyudin, M., Maksum, M., & Yuliando, H. (2015). The Shallot Pricing in the View of Import Restriction and Price Reference. *Agriculture and Agricultural Science Procedia*, *3*, 132–136. <https://doi.org/10.1016/j.aaspro.2015.01.026>
- Wang, X., Drabik, D., & Zhang, J. (2023). How channels of knowledge acquisition affect farmers' adoption of green agricultural technologies: evidence from Hubei province, China. *International Journal of Agricultural Sustainability*, *21*(1). <https://doi.org/10.1080/14735903.2023.2270254>
- WCED. (1987). *The Brundtland Report: "Our Common Future"* (Vol. 4). <https://doi.org/10.1080/07488008808408783>
- Weldearegay, S. K., & Tedla, D. G. (2018). Impact of climate variability on household food availability in Tigray, Ethiopia. *Agriculture and Food Security*, *7*(1), 100307. <https://doi.org/10.1186/s40066-017-0154-0>
- Widnyana. (2020). *Pertanian Berkelanjutan: Sebuah Pendekatan Konsep dan Praktis* (I. K. Widnyana, Ed.). Bali: Swasta Nulus.
- Xiong, Y., Li, X., & He, P. (2016). Farmers' adoption of pollution-free vegetable farming in China: Economic, informational, or moral motivation? *Cogent Food and Agriculture*, *2*(1). <https://doi.org/10.1080/23311932.2016.1240022>
- Yasmin, R., Lestari, D. A. H., & Marlina, L. (2022). Kinerja Sistem Agribisnis Cabai Merah Pada Kelompok Tani Tunas Harapan. *Jurnal Sosial Ekonomi Pertanian*, 259–276.
- Yusuf, E. S., Ariningsih, E., Ashari, Gunawan, E., Purba, H. J., Suhartini, S. H., ... Ariani, M. (2022). Sustainability of Arabica coffee business in West Java, Indonesia: A multidimensional scaling approach. *Open Agriculture*, *7*(1), 820–836. <https://doi.org/10.1515/opag-2022-0144>
- Zheng, S., Yu, L., & Fu, H. (2023). Has Rural E-Commerce Increased Potato Farmers' Income? Evidence from the Potato Home of China. *Potato Research*, (238). <https://doi.org/10.1007/s11540-023-09614-y>
- Zhong, W., Chen, Y., & Xie, L. (2023). How does internet use promote joint adoption of sustainable agricultural practices? Evidence from rice farmers in China. *International Journal of Agricultural Sustainability*, *21*(1). <https://doi.org/10.1080/14735903.2023.2270244>

Zhou, X., Ma, W., Zheng, H., Li, J., & Zhu, H. (2023). Promoting banana farmers' adoption of climate-smart agricultural practices: the role of agricultural cooperatives. *Climate and Development*, 1–10. <https://doi.org/10.1080/17565529.2023.2218333>