DAFTAR PUSTAKA

Abdalla, M., Hastings, A., Chadwick, D. R., Jones, D. L., Evans, C. D., Jones, M. B., Rees, R. M., & Smith, P. (2018). Critical review of the impacts of grazing intensity on soil organic carbon storage and other soil quality indicators in extensively managed grasslands. In *Agriculture, Ecosystems and Environment* (Vol. 253, pp. 62–81). Elsevier B.V. https://doi.org/10.1016/j.agee.2017.10.023

Abid, M., Ngaruiya, G., Scheffran, J., & Zulfiqar, F. (2017). The role of social networks in agricultural adaptation to climate change: Implications for sustainable agriculture in Pakistan. Climate, 5(4). https://doi.org/10.3390/cli5040085

Agbogidi, O. M., & Ofuoku, A. U. (2009). Extension and forestry development training for rural women on forest exploitation. Journal of Agricultural and Biological Science, 4(5), 14–18. https://www.cabdirect.org/cabdirect/abstract/20093330619

Álvarez, E. R., Castiblanco, J. S., & Montoya, M. M. (2024). Sustainable intensification of palm oil production through cattle integration: a review. Agroecology and Sustainable Food Systems, 48(3), 313–331. https://doi.org/10.1080/21683565.2023.2299012

Alwarritzi, W., Nanseki, T., & Chomei, Y. (2015). Analysis of the Factors Influencing the Technical Efficiency among Oil Palm Smallholder Farmers in Indonesia. Procedia Environmental Sciences, 28, 630–638. https://doi.org/10.1016/j.proenv.2015.07.074

Anggraini, E., & Grundmann, P. (2013). Transactions in the Supply Chain of Oil Palm Fruits and Their Relevance for Land Conversion in Smallholdings in Indonesia. *Journal of Environment and Development*, *22*(4), 391–410. https://doi.org/10.1177/1070496513506225

Arifin, Bustanul. (2005). Ekonomi kelembagaan pangan. LP3ES.

Aritonang, S. (2019). The Potentials Of Palm Oil Plantation Wastes As Animal Feed At Traditional Farming In Teras Terunjam Subdistrict Muko-Muko District. Jurnal Ilmu Ternak Universitas Padjadjaran, 18(2). https://doi.org/10.24198/jit.v18i2.20757

Arsyad, M., Nuddin, A., Fahmid, I. M., Salman, D., Pulubuhu, D. A. T., Unde, A. A., Djufry, F., & Darwis. (2020). Agricultural development: Poverty, conflict and strategic programs in country border. IOP Conference Series: Earth and Environmental Science, 575(1). https://doi.org/10.1088/1755-1315/575/1/012091Ashraf, A., & Ahmad, I. (2021). Prospects of cryosphere-fed Kuhl irrigation system nurturing high mountain agriculture under changing climate in the Upper Indus Basin. *Science of The Total Environment*, *788*, 147752. https://doi.org/10.1016/j.scitotenv.2021.147752

Atmoko, B. A., Prabowo, B. W., Sumantri, I., Prastowo, S., Widyas, N., Satya, T., & Widi, M. (2023). Conceptual Framework for Assessing Sustainability of Swamp Buffalo Production Systems. Journal of Buffalo Science, 12, 44–54.

Attri, R., Dev, N., & Sharma, V. (2013). Interpretive Structural Modelling (ISM) approach: An Overview. In Research Journal of Management Sciences (Vol. 2, Issue 2). www.isca.in

Azhar, B., Nobilly, F., Lechner, A. M., Tohiran, K. A., Maxwell, T. M. R., Zulkifli, R., Kamel, M. F., & Oon, A. (2021). Mitigating the risks of indirect land use change (ILUC) related deforestation from industrial palm oil expansion by sharing land access with displaced crop and cattle farmers. *Land Use Policy*, *107*. https://doi.org/10.1016/j.landusepol.2021.105498

Azhar, B., Tohiran, K. A., Nobilly, F., Zulkifli, R., Syakir, M. I., Ishak, Z., Razi, N., Oon, A., Shahdan, A., & Maxwell, T. M. R. (2021). Time to Revisit Oil Palm-Livestock Integration in the Wake of United Nations Sustainable Development Goals (SDGs). Frontiers in Sustainable Food Systems, 5. https://doi.org/10.3389/fsufs.2021.640285

Azhar, B., Saadun, N., Prideaux, M., & Lindenmayer, D. B. (2017). The global palm oil sector must change to save biodiversity and improve food security in the tropics. In Journal of Environmental Management (Vol. 203, pp. 457–466). Academic Press. https://doi.org/10.1016/j.jenvman.2017.08.021

Azhar, B., Saadun, N., Puan, C. L., Kamarudin, N., Aziz, N., Nurhidayu, S., & Fischer, J. (2015). Promoting landscape heterogeneity to improve the biodiversity benefits of certified palm oil production: Evidence from Peninsular Malaysia. *Global Ecology and Conservation*, *3*, 553–561. https://doi.org/10.1016/j.gecco.2015.02.009

Baliarti, E., Gede Suparta Budisatria, I., Panjono, Andri Atmoko, B., & Maulana, H. (2020). Calf production of Bali cows in cattle-oil palm plantation integration system in Riau Province Indonesia. *IOP Conference Series: Earth and Environmental Science*, *518*(1), 12–15. https://doi.org/10.1088/1755-1315/518/1/012015

Bardají, I., Iráizoz, B., & Rapún, M. (2009). Protected geographical indications and integration into the agribusiness system. Agribusiness, 25(2), 198–214. https://doi.org/10.1002/agr.20198

Baumgart-Getz, A., Prokopy, L. S., & Floress, K. (2012). Why farmers adopt best management practice in the United States: A meta-analysis of the adoption literature. Journal of Environmental Management, 96(1), 17–25. https://doi.org/10.1016/j.jenvman.2011.10.006

Bawa, K. S., Koh, L. P., Lee, T. M., Liu, J., Ramakrishnan, P. S., Yu, D. W., Zhang, Y. P., & Raven, P. H. (2010). China, India, and the environment. In *Science* (Vol. 327, Issue 5972, pp. 1457–1459). https://doi.org/10.1126/science.1185164

Bennett, A., Ravikumar, A., & Paltán, H. (2018). The Political Ecology of Oil Palm Company-Community partnerships in the Peruvian Amazon: Deforestation consequences of the privatization of rural development. World Development, 109, 29–41. https://doi.org/10.1016/j.worlddev.2018.04.001

Bertolozzi-Caredio, D., Bardají, I., Garrido, A., Berry, R., Bijttebier, J., Gavrilescu, C., Harizanova, H., Jendrzejewski, B., Meuwissen, M. M. P., Ollendorf, F., Pinsard, C., Rommel, J., Severini, S., & Soriano, B. (2021). Stakeholder perspectives to improve risk management in European farming systems.

Journal of Rural Studies, 84, 147–161. https://doi.org/10.1016/j.jrurstud.2021.04.004

BPS. (2022). Badan Pusat Statistik.

Bracke, M. B. M., De Greef, K. H., & Hopster, H. (2004.). Qualitative Stakeholder Analysis For The Development Of Sustainable Monitoring Systems For Farm Animal Welfare.

Bremer, J. A., Lobry de Bruyn, L. A., Smith, R. G. B., Darsono, W., Soedjana, T. D., & Cowley, F. C. (2022). Prospects and problems: considerations for smallholder cattle grazing in oil palm plantations in South Kalimantan, Indonesia. Agroforestry Systems. https://doi.org/10.1007/s10457-022-00759-2

Bremer, S., Johnson, E., Fløttum, K., Kverndokk, K., Wardekker, A., & Krauß, W. (2020). Portrait of a climate city: How climate change is emerging as a risk in Bergen, Norway. Climate Risk Management, 29(July 2019), 100236. https://doi.org/10.1016/j.crm.2020.100236BPS. (2022). *Badan Pusat Statistik*.

Brown, K., Schirmer, J., & Upton, P. (2021). Regenerative farming and human wellbeing: Are subjective wellbeing measures useful indicators for sustainable farming systems? *Environmental and Sustainability Indicators*, *11*, 100132. https://doi.org/10.1016/j.indic.2021.100132

Caliman, J. P., Berthaud, A., Dubos, B., & Tailliez, B. (2005). Agronomy, sustainability and good agricultural practices. In *OCL - Oleagineux Corps Gras Lipides* (Vol. 12, Issue 2, pp. 134–140). John Libbey Eurotext. https://doi.org/10.1051/ocl.2005.0134

Chamidah, N., Guntoro, B., & Sulastri, E. (2020). Marketing communication and synergy of pentahelix strategy on satisfaction and sustainable tourism. *Journal of Asian Finance, Economics and Business*, *7*(3), 177–190. https://doi.org/10.13106/jafeb.2020.vol7.no3.177

Cramb, R. A., & Sujang, P. S. (2013). The mouse deer and the crocodile: Oil palm smallholders and livelihood strategies in Sarawak, Malaysia. Journal of Peasant Studies, 40(1), 129–154. https://doi.org/10.1080/03066150.2012.750241

Creswell, J. W. (2009). Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. SAGE Publications, Inc.

Darsono, W. (2023, June 29). Manajemen Kelompok Tani (Klaster) Sistem Integrasi Sapi Kelapa Sawit Berbasis Kemitraan Usaha (SISKA-Kemitraan) untuk Mengakses Kredit Usaha Rakyat (KUR).

Dalimunthe, N. P., Priyansah, S., Kurnia, F., & Syafutra, R. (2023). Production of fish feed from palm oil waste using fermentation technology in Terak Village. Community Empowerment, 8(6), 828–832. https://doi.org/10.31603/ce.8395

Devendra, C. (2007). Small farm systems to feed hungry Asia. In *Outlook on AGRICULTURE* (Vol. 36, Issue 1).

Devendra, C. (2011). Integrated tree crops-ruminants systems in South East Asia: Advances in productivity enhancement and environmental sustainability. In

Asian-Australasian Journal of Animal Sciences (Vol. 24, Issue 5, pp. 587–602). https://doi.org/10.5713/ajas.2011.r.07

Devendra, C. (2012). Review - Rainfed areas and animal agriculture in Asia: The wanting agenda for transforming productivity growth and rural poverty. Asian-Australasian Journal of Animal Sciences, 25(1), 122–142. https://doi.org/10.5713/ajas.2011.r.09

Dhahri, S., Slimani, S., & Omri, A. (2021). Behavioral entrepreneurship for achieving the sustainable development goals. Technological Forecasting and Social Change, 165(January), 120561. https://doi.org/10.1016/j.techfore.2020.120561

Dinas Perkebunan dan Peternakan (Disbunnak Kalsel). (2022). Sistem Integrasi Sawit Sapi Berbasis Inti-Plasma (SISKA KUINTIP) Kalimantan Selatan.

Fehmita Mubin, A. K. (2019). Multi Stakeholders Partnership in the Sustainable Indonesian Palm Oil Industry: Study Case Multi Stakeholders Partnership FOKSBI. Journal of Governance, 4(2). https://doi.org/10.31506/jog.v4i2.6333

Fieldsend, A. F., Varga, E., Biró, S., von Münchhausen, S., & Häring, A. M. (2022). Multi-actor co-innovation partnerships in agriculture, forestry and related sectors in Europe: Contrasting approaches to implementation. Agricultural Systems, 202. https://doi.org/10.1016/j.agsy.2022.103472

Firmansya, Suparjo, Novianti, S., & Maruli, P. (2022). Development Of Cattle Integration In Various Patterns Of Maintenance With Smallholder Oil Palm Plantations. Journal of Southwest Jiaotong University, 57(5), 427–444. https://doi.org/10.35741/issn.0258-2724.57.5.34

Frimawaty, E., Basukriadi, A., Syamsu, J. A., & Soesilo, T. E. B. (2013). Sustainability of Rice Farming based on Eco-Farming to Face Food Security and Climate Change: Case Study in Jambi Province, Indonesia. Procedia Environmental Sciences, 17, 53–59. https://doi.org/10.1016/j.proenv.2013.02.011

Gboku, M. L. S., & Modise, O. M. (2008). Basic extension skills training (BEST): A responsive approach to integrated extension for rural development in Botswana. International Journal of Lifelong Education, 27(3), 315–331. https://doi.org/10.1080/02601370802047817

Grinnell, N. A., van der Linden, A., Azhar, B., Nobilly, F., & Slingerland, M. (2022). Cattle-oil palm integration – a viable strategy to increase Malaysian beef self-sufficiency and palm oil sustainability. *Livestock Science*, *259*. https://doi.org/10.1016/j.livsci.2022.104902

Gunawan., & Talib, C. (2014). Potential Development of Bioindustry in Cattle and Oil Palm Integration System. *Indonesian Bulletin of Animal and Veterinary Sciences*, *24*(2). https://doi.org/10.14334/wartazoa.v24i2.1050

Gupta, A. (2013). Training & Development A Key to Success in Organization for Economic Development. Asian Journal of Research in Banking and Finance, 3(10), 1–9. https://www.indianjournals.com/ijor.aspx?target=ijor:ajrbf&volume=3&issue=10&article=001&type=pdf

Halibas, A. S., Sibayan, R. O., & Maata, R. L. R. (2017). The penta helix model of innovation in Oman: An HEI perspective. In *Interdisciplinary Journal of Information, Knowledge, and Management* (Vol. 12). http://www.informingscience.org/Publications/3735

Hidayat, M., Rozak, R. W. A., Kembara, M. D., & Baihaki, E. (2021). Pentahelix synergy in realizing ecovillage values in the Cijalingan village community of Cicantayan Sukabumi district. *IOP Conference Series: Earth and Environmental Science*, *683*(1). https://doi.org/10.1088/1755-1315/683/1/012135

Hillis, V., Lubell, M., & Hoffman, M. (2018). Sustainability partnership and viticulture management in California. Journal of Environmental Management, 217, 214–225. https://doi.org/10.1016/j.jenvman.2018.03.033

Ilham, N., Ashari, N., Mahendri, I., & Wulandari, S. (2021). Pengembangan Usaha Integrasi Sawit Sapi: Dukungan Legislasi Dan Stakeholder. Forum Penelitian Agro Ekonomi, 39(1), 1. https://doi.org/10.21082/fae.v39n1.2021.1-9

Jelsma, I., Schoneveld, G. C., Zoomers, A., & van Westen, A. C. M. (2017). Unpacking Indonesia's independent oil palm smallholders: An actor-disaggregated approach to identifying environmental and social performance challenges. Land Use Policy, 69, 281–297. https://doi.org/10.1016/j.landusepol.2017.08.012

Kassam, A., Friedrich, T., & Derpsch, R. (2019). Global spread of Conservation Agriculture. International Journal of Environmental Studies, 76(1), 29–51. https://doi.org/10.1080/00207233.2018.1494927

Latif, J., & Mamat, M. N. (2002). A Financial Study of Cattle Integration in Oil Palm Plantations. In Oil Palm Industry Economic Journal (Vol. 2, Issue 1).

Lau, G. W., King, P. J. H., Chubo, J. K., King, I. C., Ong, K. H., Ismail, Z., Robin, T., & Shamsi, I. H. (2024). The Potential Benefits of Palm Oil Waste-Derived Compost in Embracing the Circular Economy. Agronomy, 14(11). https://doi.org/10.3390/agronomy14112517

Lee, J. S. H., Ghazoul, J., Obidzinski, K., & Koh, L. P. (2014). Oil palm smallholder yields and incomes constrained by harvesting practices and type of smallholder management in Indonesia. Agronomy for Sustainable Development, 34(2), 501–513. https://doi.org/10.1007/s13593-013-0159-4

Li, X., & Du, S. (2022). Relationship Structure Analysis on Determinants of Enterprise Information Security Investment Decision Based on ISM. IEEE Engineering Management Review, 50(3), 200–212. https://doi.org/10.1109/EMR.2022.3191688

Ilham, N., Ashari, N., Mahendri, I., & Wulandari, S. (2021). PENGEMBANGAN USAHA INTEGRASI SAWIT SAPI: DUKUNGAN LEGISLASI DAN STAKEHOLDER. *Forum Penelitian Agro Ekonomi*, *39*(1), 1. https://doi.org/10.21082/fae.v39n1.2021.1-9

Kassam, A., Friedrich, T., & Derpsch, R. (2019). Global spread of Conservation Agriculture. *International Journal of Environmental Studies*, *76*(1), 29–51. https://doi.org/10.1080/00207233.2018.1494927

Latif, J., & Mamat, M. N. (2002). A Financial Study of Cattle Integration in Oil Palm Plantations. In *OIL PALM INDUSTRY ECONOMIC JOURNAL* (Vol. 2, Issue 1).

Lily Meliana, Rini Efrianti, Yetty Oktarina, & Fifian, F. P. S. (2022). Potential Analysis And Development Strategy Of Cattle-Palm Integration Livestock Business In Ogan Komering Ulu Regency. International Journal of Social Science, 2(2), 1335–1342. https://doi.org/10.53625/ijss.v2i2.2722

Maharani, M. D. D. (2019). Model of agro-eco-village by using interpretative structural modeling for improving sustainable development. IOP Conference Series: Earth and Environmental Science, 355(1). https://doi.org/10.1088/1755-1315/355/1/012099

Mahmood, M., Rafique, K., Saima, Hayat, Z., Farooq, M., Ijaz, M., Yar, M. K., & Rafique, Z. (2023). Chapter 2 - Palm trees and fruits residues use for livestock feeding. In M. Jeguirim, B. Khiari, & S. Jellali (Eds.), Palm Trees and Fruits Residues (pp. 59–115). Academic Press. https://doi.org/https://doi.org/10.1016/B978-0-12-823934-6.00004-6

McDonald, C. K., MacLeod, N. D., Lisson, S., & Corfield, J. P. (2019). The Integrated Analysis Tool (IAT) – A model for the evaluation of crop-livestock and socio-economic interventions in smallholder farming systems. Agricultural Systems, 176. https://doi.org/10.1016/j.agsy.2019.102659

Marinus, W., Descheemaeker, K., van de Ven, G. W. J., Vanlauwe, B., & Giller, K. E. (2023). Narrowing yield gaps does not guarantee a living income from smallholder farming–an empirical study from western Kenya. PLOS ONE, 18(4), e0283499. https://doi.org/10.1371/journal.pone.0283499

Michalek, J., Ciaian, P., & Pokrivcak, J. (2018). The impact of producer organizations on farm performance: The case study of large farms from Slovakia☆. Food Policy, 75, 80–92. https://doi.org/10.1016/j.foodpol.2017.12.009

Moraine, M., Duru, M., Nicholas, P., Leterme, P., & Therond, O. (2014). Farming system design for innovative crop-livestock integration in Europe. Animal, 8(8), 1204–1217. https://doi.org/10.1017/S1751731114001189

Najam, A. (1995). Learning from the Literature on Policy Implementation: A Synthesis Perspective.

Nasarudin, M. A. S., Abdul Razak, A. S., Mohamad Termizi, A. Z.-A., Hairolnizam, N. F. A., Amalina, F., Sulaiman, S., Ab Hamid, M. R., & Samat, N. (2024). The Utilisation and Feasibility Study of Solid Waste, Palm Kernel Cake, and Trichantera Gigantea (Ketum Ayam) as Animal Feed for Broiler. CONSTRUCTION, 4(2), 150–155. https://doi.org/10.15282/construction.v4i2.10677

Nenciu, F., Voicea, I., Cocarta, D. M., Vladut, V. N., Matache, M. G., & Arsenoaia, V. N. (2022). “Zero-Waste” Food Production System Supporting the Synergic Interaction between Aquaculture and Horticulture. Sustainability (Switzerland), 14(20). https://doi.org/10.3390/su142013396

Norse, D., & Ju, X. (2015). Environmental costs of China's food security. *Agriculture, Ecosystems and Environment*, *209*, 5–14. https://doi.org/10.1016/j.agee.2015.02.014

Novickytė, L. (2018). Income Risk Management in Agriculture using Financial Support. European Journal of Sustainable Development, 7(4). https://doi.org/10.14207/ejsd.2018.v7n4p191

Novra, A., Negara, W., & Fatati. (2024). Modeling the cattle and oil palm integration system (SISKA) in the implementation of the national action plan for sustainable oil palm plantation (NAP-SOP) Jambi Province. AIP Conference Proceedings, 2957(1), 070050. https://doi.org/10.1063/5.0188651

Nuddin, A. (2020). Fakultas Pertanian, Peternakan, dan Perikanan, Universitas Muhammadiyah Parepare,. 3(2011), 237–255.

Nurhidayati, E., Marcelina, M., Fitriah, F., Rahmawati, R., Prima, F., & Setiawan, D. (2024). Potential Of Cattle Feed From Palm Oil Leaves And Midribs Using The Fermentation Process In West Kalimantan. JMM (Jurnal Masyarakat Mandiri), 8(2), 2371. https://doi.org/10.31764/jmm.v8i2.22044

Ogahara, Z., Jespersen, K., Theilade, I., & Nielsen, M. R. (2022). Review of smallholder palm oil sustainability reveals limited positive impacts and identifies key implementation and knowledge gaps. Land Use Policy, 120. https://doi.org/10.1016/j.landusepol.2022.106258

Ologunowa, C. S., & Akintunde, B. A. (2015). MANPOWER TRAINING AND DEVELOPMENT: PATHWAY TO EFFICIENT ORGANIZATIONAL PERFORMANCE. American International Journal of Research in Humanities, Arts and Social Sciences AIJRHASS, 15–108. http://www.iasir.net

Omri, A. (2018). Entrepreneurship, sectoral outputs and environmental improvement: International evidence. Technological Forecasting and Social Change, 128(August), 46–55. https://doi.org/10.1016/j.techfore.2017.10.016

Pauschinger, D., & Klauser, F. R. (2022). The introduction of digital technologies into agriculture: Space, materiality and the public–private interacting forms of authority and expertise. Journal of Rural Studies, 91, 217–227. https://doi.org/10.1016/j.jrurstud.2021.06.015

Pinardi, D., Mulyono, D., Wahyuni, D. S., & Surachman, M. (2020). Development of palm oil-cattle integration program to support self-sufficiency of beef and development of human resources. *Jurnal Ilmu-Ilmu Peternakan*, *30*(1), 40–49. https://doi.org/10.21776/ub.jiip.2020.030.01.05

Pitcher, T. J., Lam, M. E., Ainsworth, C., Martindale, A., Nakamura, K., Perry, R. I., & Ward, T. (2013). Improvements to Rapfish: A rapid evaluation technique for fisheries integrating ecological and human dimensionsa. Journal of Fish Biology, 83(4), 865–889. https://doi.org/10.1111/jfb.12122

Prain, G., Wheatley, C., Odsey, C., Verzola, L., Bertuso, A., Roa, J., & Naziri, D. (2020). Research-development partnerships for scaling complex innovation: Lessons from the Farmer Business School in IFAD-supported loan-grant collaborations in Asia. *Agricultural Systems*, *182*. https://doi.org/10.1016/j.agsy.2020.102834

Pratama, S. M., Dahlan, A., Annisa, Y., Izzati, R., & Resthu, M. (2023). Fiber and ash content of fermented palm oil fronds using liquid organic supplements as potential feed ingredients for ruminant. Aceh Journal of Animal Science, 8(2), 62–66. https://doi.org/10.13170/ajas.8.2.31726

Qomariah, R., Ilham, N., Rahayu, H. S. P., Rina, Y. D., & Lesmayati, S. (2023). The Potential for Cattle-Palm Integration Business Development in South Kalimantan, Indonesia. E3S Web of Conferences, 444. https://doi.org/10.1051/e3sconf/202344402013

Rade, K. A., Pharande, V. A., & Saini, D. R. (2017). Interpretive Structural Modeling (ISM) for Recovery of Heat Energy. In International Journal of Theoretical and Applied Mechanics (Vol. 12, Issue 1). http://www.ripublication.com

Raharja, S., Marimin, Machfud, Papilo, P., Safriyana, Massijaya, M. Y., Asrol, M., & Darmawan, M. A. (2020). Institutional strengthening model of oil palm independent smallholder in Riau and Jambi Provinces, Indonesia. Heliyon, 6(5). https://doi.org/10.1016/j.heliyon.2020.e03875

Rahmatullah, R. A. (2021). Peran Kelembagaan pertanian Untuk Meningkatkan Produksi Kakao Di Kabupaten Pinrang.

Raisa, D.M., Sirajuddin, S.N., Syamsu, J.A, Darsono, W., & Syarifuddin, N. A. (2023). Strengthening local institutions for cattle-palm oil integration to increase beef self-sufficiency and palm oil sustainability (Case Study: SISKA-KUINTIP in Tanah Bumbu, South Kalimantan Province), 1(2), 106–120. https://doi.org/10.20956/ia.v1i2.32233

Raisa, D. M., Sirajuddin, S. N., Syamsu, J. A., & Arsyad, M. (2024). Sustainable Agricultural Optimization: A Review of Integrated Farming System, Resilience, and Technology. *AIP Conference Proceedings*, *3098*(1). https://doi.org/10.1063/5.0223880

Rampersad, G., Quester, P., & Troshani, I. (2010). Managing innovation networks: Exploratory evidence from ICT, biotechnology and nanotechnology networks. *Industrial Marketing Management*, *39*(5), 793–805. https://doi.org/10.1016/j.indmarman.2009.07.002

Reed, M. S., Graves, A., Dandy, N., Posthumus, H., Hubacek, K., Morris, J., Prell, C., Quinn, C. H., & Stringer, L. C. (2009). Who's in and why? A typology of stakeholder analysis methods for natural resource management. Journal of Environmental Management, 90(5), 1933–1949. https://doi.org/10.1016/j.jenvman.2009.01.001

Restrepo, M. J., Lelea, M. A., & Kaufmann, B. A. (2020). Assessing the quality of collaboration in transdisciplinary sustainability research: Farmers' enthusiasm to work together for the reduction of post-harvest dairy losses in Kenya. Environmental Science and Policy, 105, 1–10. https://doi.org/10.1016/j.envsci.2019.12.004

Robinson, L. W., Ericksen, P. J., Chesterman, S., & Worden, J. S. (2015). Sustainable intensification in drylands: What resilience and vulnerability can tell us. Agricultural Systems, 135, 133–140. https://doi.org/10.1016/j.agsy.2015.01.005

Saleh, M., Ali, S., Nikoyan, A., Salman, D., & Demmalino, E. B. (2015). Multi-Actors Collaboration in Ecolabelling Community Teak Forest Management in Southeast Sulawesi Province, Indonesia.

Santeramo, F. G., Goodwin, B. K., Adinolfi, F., & Capitanio, F. (2016). Farmer Participation, Entry and Exit Decisions in the Italian Crop Insurance Programme. Journal of Agricultural Economics, 67(3), 639–657. https://doi.org/10.1111/1477-9552.12155

Sayer, J., Sunderland, T., Ghazoul, J., Pfund, J.-L., Sheil, D., Meijaard, E., Venter, M., Klintuni Boedhihartono, A., Day, M., Garcia, C., van Oosten, C., & Buck, L. E. (n.d.). *Ten principles for a landscape approach to reconciling agriculture, conservation, and other competing land uses*. https://doi.org/10.1073/pnas.1210595110/-/DCSupplemental

Saxena, A., & Mohan, S. B. (2021). The impact of food security disruption due to the Covid-19 pandemic on tribal people in India. In Advances in Food Security and Sustainability (1st ed., Vol. 6). Elsevier Inc. https://doi.org/10.1016/bs.af2s.2021.07.006

Saxena, J. P., & Vrat, P. (1992). Hierarchy and Classification of Program Plan Elements Using Interpretive Structural Modeling: A Case Study of Energy Conservation in the Indian Cement Industry. In Systems Practice (Vol. 5, Issue 6).

Sayer, J., Sunderland, T., Ghazoul, J., Pfund, J. L., Sheil, D., Meijaard, E., Venter, M., Boedhihartono, A. K., Day, M., Garcia, C., Van Oosten, C., & Buck, L. E. (2013). Ten principles for a landscape approach to reconciling agriculture, conservation, and other competing land uses. Proceedings of the National Academy of Sciences of the United States of America, 110(21), 8349–8356. https://doi.org/10.1073/pnas.1210595110

Schindele, S., Trommsdorff, M., Schlaak, A., Obergfell, T., Bopp, G., Reise, C., Braun, C., Weselek, A., Bauerle, A., Högy, P., Goetzberger, A., & Weber, E. (2020). Implementation of agrophotovoltaics: Techno-economic analysis of the price-performance ratio and its policy implications. Applied Energy, 265. https://doi.org/10.1016/j.apenergy.2020.114737

Schut, M., Klerkx, L., Rodenburg, J., Kayeke, J., Hinnou, L. C., Raboanarielina, C. M., Adegbola, P. Y., van Ast, A., & Bastiaans, L. (2015). RAAIS: Rapid Appraisal of Agricultural Innovation Systems (Part I). A diagnostic tool for integrated analysis of complex problems and innovation capacity. Agricultural Systems, 132, 1–11. https://doi.org/10.1016/j.agsy.2014.08.009

Schut, M., van Asten, P., Okafor, C., Hicintuka, C., Mapatano, S., Nabahungu, N. L., Kagabo, D., Muchunguzi, P., Njukwe, E., Dontsop-Nguezet, P. M., Sartas, M., & Vanlauwe, B. (2016). Sustainable intensification of agricultural systems in the Central African Highlands: The need for institutional innovation. Agricultural Systems, 145, 165–176. https://doi.org/10.1016/j.agsy.2016.03.005

Sekaran, U., Lai, L., Ussiri, D. A. N., Kumar, S., & Clay, S. (2021). Role of integrated crop-livestock systems in improving agriculture production and addressing food

security – A review. In Journal of Agriculture and Food Research (Vol. 5). Elsevier B.V. https://doi.org/10.1016/j.jafr.2021.100190

Severini, S., & Sorrentino, A. (2017). Efficiency and coordination in the EU agri-food systems. In Agricultural and Food Economics (Vol. 5, Issue 1). SpringerOpen. https://doi.org/10.1186/s40100-017-0086-9

Shahzad, H. M. A., Almomani, F., Shahzad, A., Mahmoud, K. A., & Rasool, K. (2024). Challenges and opportunities in biogas conversion to microbial protein: A pathway for sustainable resource recovery from organic waste. In Process Safety and Environmental Protection (Vol. 185, pp. 644–659). Institution of Chemical Engineers. https://doi.org/10.1016/j.psep.2024.03.055

Sherman, J., Burke, J. M., & Gent, D. H. (2019). Cooperation and coordination in plant disease management. Phytopathology, 109(10), 1720–1731. https://doi.org/10.1094/PHYTO-01-19-0010-R

Shilvia, S. M., Permana, I. G., Evvyernie, D., & Rosmalia, A. (n.d.). Fermentation Characteristics (In Vitro) of Palm Oil Trunk Waste as Feed for Lactating Dairy Cow. https://doi.org/10.29244/jintp.21.3

Siska, D. (2018). *The Development Of Priority Area For Palm Oil-Cow Integration In South Kalimantan*. *13*, 19–25.

Siska Supporting Program. (2022, August). *SISKANEWS- Pekebun-Peternak Milenial Turun ke Lapangan*.

Snashall, G. B., & Poulos, H. M. (2021). Oreos versus orangutans: The need for sustainability transformations and nonhierarchical polycentric governance in the global palm oil industry. In Forests (Vol. 12, Issue 2, pp. 1–18). MDPI AG. https://doi.org/10.3390/f12020252

Sofyan, A., Herdian, H., & Irawan, A. (2024). Biomass Utilization and Biorefinery By-Product from Palm Oil and Marine Resources for Animal Feed and Feed Additive. In M. A. R. Lubis, S. H. Lee, E. Mardawati, S. Rahimah, P. Antov, R. Andoyo, Ľ. Krišťák, & B. Nurhadi (Eds.), Biomass Conversion and Sustainable Biorefinery: Towards Circular Bioeconomy (pp. 105–120). Springer Nature Singapore. https://doi.org/10.1007/978-981-99-7769-7_5

Sooli, L. P. (2022). Enhancing Stakeholder Engagement in Development Projects: A Framework for Stakeholder Analysis and Participation. The International Journal of Business & Management, 10(8). https://doi.org/10.24940/theijbm/2022/v10/i8/bm2208-019

Soliman, T., Lim, F. K. S., Lee, J. S. H., & Carrasco, L. R. (2016). Closing oil palm yield gaps among Indonesian smallholders through industry schemes, pruning, weeding and improved seeds. Royal Society Open Science, 3(8). https://doi.org/10.1098/rsos.160292

Suherman, E., Maulana, D., & Bida, O. (2024). Development of Institutions, Participation and Independence of Farmers' Groups in Supporting the Palm Cattle Integration Program in Paser Belengkong. Pancasila International Journal of Applied Social Science, 2(02), 250–261. https://doi.org/10.59653/pancasila.v2i02.754

Supriatna, J., Setiawati, M. R., Sudirja, R., Suherman, C., & Bonneau, X. (2023). Migration from inorganic to organic fertilization for a more sustainable oil palm agro-industry. Heliyon, 9(12). https://doi.org/10.1016/j.heliyon.2023.e22868

Tadesse, M. A., Shiferaw, B. A., & Erenstein, O. (2015). Weather index insurance for managing drought risk in smallholder agriculture: lessons and policy implications for sub-Saharan Africa. In Agricultural and Food Economics (Vol. 3, Issue 1). SpringerOpen. https://doi.org/10.1186/s40100-015-0044-3

Timm, T. G., Amâncio, B. R., Loregian, K. E., Magnani, E., Helm, C. V., de Lima, E. A., Marcondes, M. I., Branco, R. H., de Paula, E. M., Benedeti, P. D. B., & Tavares, L. B. B. (2024). Peach palm shells (Bactris gasipaes Kunth) bioconversion by Lentinula edodes: Potential as new bioproducts for beef cattle feeding. Bioresource Technology, 394, 130292. https://doi.org/https://doi.org/10.1016/j.biortech.2023.130292

Thompson, B., Barnes, A. P., & Toma, L. (2022). Increasing the adoption intensity of sustainable agricultural practices in Europe: Farm and practice level insights. Journal of Environmental Management, 320, 115663. https://doi.org/10.1016/j.jenvman.2022.115663

Tohiran, K. A., Nobilly, F., Zulkifli, R., Ashton-Butt, A., & Azhar, B. (2019). Cattle-grazing in oil palm plantations sustainably controls understory vegetation. *Agriculture, Ecosystems and Environment*, *278*(March), 54–60. https://doi.org/10.1016/j.agee.2019.03.021

Udayana, I. B. K. (2010). Manajemen risiko agroindustri biodiesel berbasis kelapa sawit. https://api.semanticscholar.org/CorpusID:166563971

Umar, Y., Syakir, M. I., Yusuff, S., Azhar, B., & Tohiran, K. A. (2023). The integration of cattle grazing activities as potential best sustainable practices for weeding operations in oil palm plantations. IOP Conference Series: Earth and Environmental Science, 1167(1). https://doi.org/10.1088/1755-1315/1167/1/012014

Uphoff, N. (1986). Analyzing Options for Local Institutional Development. Dalam Buku Local Istitutional Devlopment: An Analytical Sourcebook" With Cases. . Copyright 1986 Kumarian Press.

Utomo, B. N., & Widjaja, D. E. (2012). Development of Beef Cattle Based on Oil Palm Industry. In *J. Litbang Pert* (Vol. 31, Issue Desember).

Vakili, M., Zwain, H. M., Rafatullah, M., Gholami, Z., & Mohammadpour, R. (2014). Potentiality of Palm Oil Biomass with Cow Dung for compost production. KSCE Journal of Civil Engineering, 19(7), 1994–1999. https://doi.org/10.1007/s12205-014-0420-7

Von Jacobi, N. (2018). Institutional interconnections: understanding symbiotic relationships. Journal of Institutional Economics, 14(5), 853–876. https://doi.org/DOI: 10.1017/S1744137417000558

Widayanto, Y. (2013). Model Perumusan Kebijakan Pendukung Pengembangan Industri Kakao Berbasis Kinerja Driver Rantai Pasok.

Wulan, S. (2019). ISSN(e): 24086851; ISSN(Print); 1119944X Food and Agricultural Organization (FAO). Electronic Journals Service (EJS), 23(3). https://doi.org/10.11226/v23i3

Wulandari, S., & Villano, R. (2021). Strategies to optimize women's participation in palm cattle integration. *IOP Conference Series: Earth and Environmental Science*, *694*(1). https://doi.org/10.1088/1755-1315/694/1/012014

Yang, B., Gao, X., Zhao, J., Xie, L., Liu, Y., Lv, X., & Xing, Q. (2021). The impacts of intensive scallop farming on dissolved organic matter in the coastal waters adjacent to the Yangma Island, North Yellow Sea. Science of The Total Environment, 807(Pt 3), 150989. https://doi.org/10.1016/j.scitotenv.2021.150989

Youssef, A. Ben, Boubaker, S., & Omri, A. (2020). Financial development and macroeconomic sustainability: modeling based on a modified environmental Kuznets curve. Climatic Change, 163(2), 767–785. https://doi.org/10.1007/s10584-020-02914-z

Yu, J., & Wu, J. (2018). The sustainability of agricultural development in China: The agriculture-environment nexus. In *Sustainability (Switzerland)* (Vol. 10, Issue 6). MDPI. https://doi.org/10.3390/su10061776

Yuhendra, Y., Syaukat, Y., Hartoyo, S., & Kusnadi, N. (2022). Analysis of Farmer Perceptions in Adopting The Integrated Farming System: A Case Study of Oil Palm Plantation in Riau Province. *Jurnal Manajemen Dan Agribisnis*. https://doi.org/10.17358/jma.19.2.165

Yunus, S., Zainal, S., suryadi suryadi, & Jalil, F. (2017). *Integration of Oil Palm and Cattle for Post Conflict Sustainable Development*. https://repository.unimal.ac.id/5915/