



DAFTAR PUSTAKA

- Abera, A., Yirgu, T., & Uncha, A. (2021). Determinants of rural livelihood diversification strategies among Chewaka resettlers' communities of southwestern Ethiopia. *Agriculture and Food Security*, 10(1), 1–19. <https://doi.org/10.1186/s40066-021-00305-w>
- Achmad, B., Sanudin, B., Siarudin, M., Widiyanto, A., Diniyati, D., Sudomo, A., Hani, A., Fauziyah, E., Suhaendah, E., Widyaningsih, T. S., Handayani, W., Maharani, D., Suhartono, D., Palmolina, M., Swestiani, D., Budi Santoso Sulistiadi, H., Winara, A., Nur, Y. H., Diana, M., ... Ruswandi, A. (2022). Traditional Subsistence Farming of Smallholder Agroforestry Systems in Indonesia: A Review. *Sustainability (Switzerland)*, 14(14). <https://doi.org/10.3390/su14148631>
- Adi, A. W., Shalih, O., Shabrina, F. Z., Rizqi, A., Putra, A. S., Karimah, R., Eveline, F., Alfian, A., Syauqi, Septian, R. T., Widiastomo, Y., Bagaskoro, Y., Dewi, A. N., Rahmawati, I., & Seniarwan. (2022). *Indeks risiko bencana Indonesia tahun 2021*. 11–13.
- Agresti, A. (2015). Foundations Linear Generalized Linear Models. In *John Wiley & Sons, Inc.*
- Aguilar, F. X., Hendrawan, D., Cai, Z., Roshetko, J. M., & Stallmann, J. (2022). Smallholder farmer resilience to water scarcity. In *Environment, Development and Sustainability* (Vol. 24, Issue 2). Springer Netherlands. <https://doi.org/10.1007/s10668-021-01545-3>
- Agus, P., & Yuli, S. (2021). Partial Least Squares Structural Equation Modeling (PLS-SEM) Analysis for Social and Management Research: A Literature Review. *Journal of Industrial Engineering & Management Research*, 2(4), 114–123.
- Ahmad, M. I., & Ma, H. (2020). Climate change and livelihood vulnerability in mixed crop-livestock areas: The case of Province Punjab, Pakistan. *Sustainability (Switzerland)*, 12(2), 12–16. <https://doi.org/10.3390/su12020586>
- Aldosari, F., Al Shunaifi, M. S., Ullah, M. A., Muddassir, M., & Noor, M. A. (2019). Farmers' perceptions regarding the use of Information and Communication Technology (ICT) in Khyber Pakhtunkhwa, Northern Pakistan. *Journal of the Saudi Society of Agricultural Sciences*, 18(2), 211–217. <https://doi.org/10.1016/j.jssas.2017.05.004>
- Ao, Y., Tan, L., Feng, Q., Tan, L., Li, H., Wang, Y., Wang, T., & Chen, Y. (2022). Livelihood Capital Effects on Farmers' Strategy Choices in Flood-Prone Areas—A Study in Rural China. *International Journal of Environmental Research and Public Health*, 19(12). <https://doi.org/10.3390/ijerph19127535>
- Aprilyani, A., Pangacella Putra, B., Al Habib, J., & Tedja Trisnaning, P. (2022). Analytic Hierarchy Process pada Evaluasi Kejadian Longsor di Kecamatan Samigaluh Kulon Progo, D.I. Yogyakarta Analytic. *Jurnal Lingkungan Dan Bencana Geologi*,



13, 59–70. <https://doi.org/10.1002/9781118644898.ch2>

Arimi, K. S. (2021). Climate change adaptation and resilience among vegetable farmers. *International Journal of Vegetable Science*, 27(5), 496–504. <https://doi.org/10.1080/19315260.2020.1861160>

Astono, A. D., & Herwin, H. (2021). Identification of The Characteristics of Menoreh Coffee and Cocoa Potential and Its Contribution to Tourism. *Jurnal Manajemen Strategi*, 4(1), 131–142.

Avila-Foucat, V. S., & Rodríguez-Robayo, K. J. (2018). Determinants of livelihood diversification: The case wildlife tourism in four coastal communities in Oaxaca, Mexico. *Tourism Management*, 69(June 2017), 223–231. <https://doi.org/10.1016/j.tourman.2018.06.021>

Awazi, N. P., & Quandt, A. (2021). Livelihood resilience to environmental changes in areas of Kenya and Cameroon: a comparative analysis. *Climatic Change*, 165(1–2), 1–17. <https://doi.org/10.1007/s10584-021-03073-5>

Badan Pusat Statistik. (2021a). *Kapanewon Kalibawang Dalam Angka 2021*.

Badan Pusat Statistik. (2021b). *Kapanewon Samigaluh Dalam Angka 2021*.

Badan Pusat Statistik. (2022). *Kabupaten Kulon Progo Dalam Angka 2022*.

Baird, T. D., & Gray, C. L. (2014). Livelihood diversification and shifting social networks of exchange: A social network transition? *World Development*, 60, 14–30. <https://doi.org/10.1016/j.worlddev.2014.02.002>

Barbhuiya, M. R., & Chatterjee, D. (2020). Vulnerability and resilience of the tourism sector in India: Effects of natural disasters and internal conflict. *Tourism Management Perspectives*, 33(November 2019), 100616. <https://doi.org/10.1016/j.tmp.2019.100616>

Bathaiy, S. S., Chizari, M., Sadighi, H., & Alambeigi, A. (2021). Social media and farmer's resilience to drought as an environmental disaster: A moderation effect. *International Journal of Disaster Risk Reduction*, 59(April), 102209. <https://doi.org/10.1016/j.ijdrr.2021.102209>

Be'ne', C., Mindjimba, K., Belal, E., Jolley, T., & Neiland, A. (2003). Inland fisheries, tenure systems and livelihood diversification in Africa: The case of the Yae're floodplains in Lake Chad Basin. *African Studies*, 62(2), 187–212. <https://doi.org/10.1080/0002018032000148759>

Biradar, N., Desai, M., Manjunath, L., & Doddamani, M. T. (2017). Assessing Contribution of Livestock to the Livelihood of Farmers of Western Maharashtra. *Journal of Human Ecology*, 41(2), 107–112. <https://doi.org/10.1080/09709274.2013.11906557>



- Bista, R. B. (2020). Does Disaster Change Income and Wealth Distribution Toward Extremity of Inequality and Poverty? Analysis of Flood and Landslides in the Vulnerable Locations of Nepal. *Forum for Social Economics*, 51(4), 1–15. <https://doi.org/10.1080/07360932.2020.1715810>
- Biswas, B., & Mallick, B. (2021). Livelihood diversification as key to long - term non - migration : evidence from coastal Bangladesh. *Environment, Development and Sustainability*. <https://doi.org/10.1007/s10668-020-01005-4>
- Brown, K. (2014). Global environmental change I: A social turn for resilience? *Progress in Human Geography*, 38(1), 107–117. <https://doi.org/10.1177/0309132513498837>
- Bubeck, P., & Thielen, A. H. (2018). What helps people recover from floods? Insights from a survey among flood-affected residents in Germany. *Regional Environmental Change*, 18(1), 287–296. <https://doi.org/10.1007/s10113-017-1200-y>
- Campbell, D. (2021). Environmental change and the livelihood resilience of coffee farmers in Jamaica: A case study of the Cedar Valley farming region. *Journal of Rural Studies*, 81(November 2020), 220–234. <https://doi.org/10.1016/j.jrurstud.2020.10.027>
- Chambers, R., & Conway, G. R. (1992). Sustainable rural livelihoods: practical concepts for the 21st century. *IDS Discussion Paper*, 296.
- Chirwa, C., Makoka, D., Maonga, B., & Ng'ong'ola, D. (2017). Impact of Malawi's Farm Income Diversification Programme on Household Welfare Empirical evidence from eleven districts. *International Food Policy Research Institute (IFPRI)*, August, 1–17. <http://ebrary.ifpri.org/utils/getfile/collection/p15738coll2/id/131396/filename/131607.pdf>
- Chou, J. S., & Wu, J. H. (2014). Success factors of enhanced disaster resilience in urban community. *Natural Hazards*, 74(2), 661–686. <https://doi.org/10.1007/s11069-014-1206-4>
- Danso-Abbeam, G., Dagunga, G., & Ehiakpor, D. S. (2020). Rural non-farm income diversification: implications on smallholder farmers' welfare and agricultural technology adoption in Ghana. *Heliyon*, 6(11), e05393. <https://doi.org/10.1016/j.heliyon.2020.e05393>
- Dapilah, F., Nielsen, J. Ø., & Friis, C. (2020). The role of social networks in building adaptive capacity and resilience to climate change: a case study from northern Ghana. *Climate and Development*, 12(1), 42–56. <https://doi.org/10.1080/17565529.2019.1596063>
- Dargin, J. S., & Mostafavi, A. (2020). Human-centric infrastructure resilience: Uncovering well-being risk disparity due to infrastructure disruptions in disasters.



PLoS ONE, 15(6). <https://doi.org/10.1371/journal.pone.0234381>

Dawid, I., Haji, J., & Aman, M. (2021). *Evaluating farm household resilience and perceptions of the role of small-scale irrigation in improving adaptability to climate change stress : evidence from eastern Ethiopia*. May 2018.

Decoster, J., Gallucci, M., & Iselin, A. R. (2011). *Best Practices for Using Median Splits , Artificial Categorization , and their Continuous Alternatives*. 2(2), 197–209. <https://doi.org/10.5127/jep.008310>

Depommier, D. (1998). Agroforestry: Concepts and Methodologies for Research-Development. *Frech Institure of Pondicherry*.

Desmiwati, D., Veriasa, T. O., Aminah, A., Safitri, A. D., Hendarto, K. A., Wisudayati, T. A., Royani, H., Dewi, K. H., Raharjo, S. N. I., & Sari, D. R. (2021). Contribution of agroforestry systems to farmer income in state forest areas: A case study of Parungpanjang, Indonesia. *Forest and Society*, 5(1), 109–119. <https://doi.org/10.24259/fs.v5i1.11223>

DFID. (1999). Sustainable Livelihoods Guidance Sheets, section 2.1. Department for International Development (DFID). *Departement for International Development*, 2.2.

<http://www.livelihoodscentre.org/documents/20720/100145/Sustainable+livelihoods+guidance+sheets/8f35b59f-8207-43fc-8b99-df75d3000e86>

Du, X., Jian, J., Du, C., & Stewart, R. D. (2022). Conservation management decreases surface runoff and soil erosion. *International Soil and Water Conservation Research*, 10(2), 188–196. <https://doi.org/10.1016/j.iswcr.2021.08.001>

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>

Ellis, F. (2000). Rural Livelihood Diversity in Developing Countries. *Oxford University Press*, 40, 1–10.

Eneyew, A., & Bekele, W. (2012). Determinants of livelihood strategies in Wolaita, Southern Ethiopia. *Agricultural Research and Reviews*, 1(5), 153–1161. <http://www.wudpeckerresearchjournals.org/ARR>

Fahad, S., Hossain, M. S., Huong, N. T. L., Nassani, A. A., Haffar, M., & Naeem, M. R. (2022). An assessment of rural household vulnerability and resilience in natural hazards: evidence from flood prone areas. *Environment, Development and Sustainability*, 0123456789. <https://doi.org/10.1007/s10668-022-02280-z>

Fahmi, M. K. M., Dafa-Alla, D. A. M., Kanninen, M., & Luukkanen, O. (2018). Impact of agroforestry parklands on crop yield and income generation: case study of rainfed farming in the semi-arid zone of Sudan. *Agroforestry Systems*, 92(3),



785–800. <https://doi.org/10.1007/s10457-016-0048-3>

Fairuz, K. R. (2017). *Pemetaan Risiko Bencana Longsor Perbukitan Menoreh*. Universitas Gadjah Mada.

Fekadu, G., Tebarek, A., Megento, L., & Gurmess, F. (2022). The extent of livelihood diversification on the determinants of livelihood diversification in Assosa Wereda, Western. *GeoJournal*, 87(4), 2525–2549. <https://doi.org/10.1007/s10708-021-10379-5>

Gannon, B., & Roberts, J. (2020). Social capital: exploring the theory and empirical divide. *Empirical Economics*, 58(3), 899–919. <https://doi.org/10.1007/s00181-018-1556-y>

Gebru, G. W., Ichoku, H. E., & Phil-Eze, P. O. (2018). Determinants of livelihood diversification strategies in Eastern Tigray Region of Ethiopia. *Agriculture and Food Security*, 7(1), 1–9. <https://doi.org/10.1186/s40066-018-0214-0>

Goulden, M. C., Adger, W. N., Allison, E. H., & Conway, D. (2013). Limits to Resilience from Livelihood Diversification and Social Capital in Lake Social-Ecological Systems. *Annals of the Association of American Geographers*, 103(4), 906–924. <https://doi.org/10.1080/00045608.2013.765771>

Guzmán Luna, A., Bacon, C. M., Méndez, V. E., Flores Gómez, M. E., Anderzén, J., Mier y Terán Giménez Cacho, M., Hernández Jonapá, R., Rivas, M., Duarte Canales, H. A., & Benavides González, Á. N. (2022). Toward Food Sovereignty: Transformative Agroecology and Participatory Action Research With Coffee Smallholder Cooperatives in Mexico and Nicaragua. *Frontiers in Sustainable Food Systems*, 6(August). <https://doi.org/10.3389/fsufs.2022.810840>

Habib, N., Rankin, P., Alauddin, M., & Cramb, R. (2022). Determinants of livelihood diversification in rural rain - fed region of Pakistan : evidence from fractional multinomial logit (FMLOGIT) estimation. *Environmental Science and Pollution Research*, 0123456789. <https://doi.org/10.1007/s11356-022-23040-6>

Hahn, M. B., Riederer, A. M., & Foster, S. O. (2009). *The Livelihood Vulnerability Index: A pragmatic approach to assessing risks from climate variability and change — A case study in Mozambique*. 19, 74–88. <https://doi.org/10.1016/j.gloenvcha.2008.11.002>

Hair, J. F., Hult, G. T. M., Ringle, C. M., & Sarstedt, M. (2017). A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM). Thousand Oaks. Sage, 165.

Hanazaki, N., Berkes, F., Seixas, C. S., & Peroni, N. (2013). Livelihood Diversity, Food Security and Resilience among the Caiçara of Coastal Brazil. *Human Ecology*, 41(1), 153–164. <https://doi.org/10.1007/s10745-012-9553-9>

Hasannudin, D. A. L., Nurrochmat, D. R., & Ekayani, M. (2022). Agroforestry



management systems through landscape-life scape integration: A case study in Gowa, Indonesia. *Biodiversitas*, 23(4), 1864–1874. <https://doi.org/10.13057/biodiv/d230420>

Heidari-Sareban, V., & Majnouni-Toutakhaneh, A. (2017). the Role of Livelihood Diversity on the Resilience of rural households living around the Lake Urmia against drought. *Journal of Spatial Analysis Environmental Hazarts*, 3, 49–70. <https://doi.org/10.18869/acadpub.jsaeh.3.4.49>

Holling, C. S. (1973). Resilience and Stability of Ecological Systems. *Annual Review of Ecology and Systematics*, 4(1), 1–23. <https://doi.org/10.1146/annurev.es.04.110173.000245>

Hoq, M. S., Uddin, T., & Kumar, S. (2022). Determinants of households' livelihood diversification strategies to adapt to natural hazards : evidence from ecologically vulnerable haor region of Bangladesh. In *Natural Hazards* (Vol. 114, Issue 3). Springer Netherlands. <https://doi.org/10.1007/s11069-022-05514-5>

Hsueh, H. Y. (2019). The role of household social capital in post-disaster recovery: An empirical study in Japan. *International Journal of Disaster Risk Reduction*, 39(May), 101199. <https://doi.org/10.1016/j.ijdrr.2019.101199>

Hussein, K., & Nelson, J. (1998). *Sustainable Livelihoods and Livelihood Diversification*. <http://www.ids.ac.uk/ids/research/env/index.html>

Ibrahim, S. S., Ozdeser, H., & Cavusoglu, B. (2019). Vulnerability to recurrent shocks and disparities in gendered livelihood diversification in remote areas of Nigeria. *Environmental Science and Pollution Research*, 26(3), 2939–2949. <https://doi.org/10.1007/s11356-018-3854-5>

Id, M. A., Mereta, S. T., & Ambelu, A. (2019). Exploring households' resilience to climate change-induced shocks using Climate Resilience Index in Dinki watershed , central highlands of Ethiopia. July. <https://doi.org/10.1371/journal.pone.0219393>

Iqbal, M. A., Rizwan, M., Abbas, A., Makhdum, M. S. A., Kousar, R., Nazam, M., Samie, A., & Nadeem, N. (2021). A quest for livelihood sustainability? Patterns, motives and determinants of non-farm income diversification among agricultural households in punjab, pakistan. *Sustainability (Switzerland)*, 13(16), 1–14. <https://doi.org/10.3390/su13169084>

Islam, M. S., Okubo, K., Islam, A. H. M. S., & Sato, M. (2022). Investigating the effect of climate change on food loss and food security in Bangladesh. *SN Business & Economics*, 2(1), 1–24. <https://doi.org/10.1007/s43546-021-00177-z>

Kariyasa, K., & Dewi, Y. A. (2011). This document is discoverable and free to researchers across the globe due to the work of AgEcon Search . Help ensure our sustainability . *Journal of Gender, Agriculture and Food Security*, 1(3), 1–22.



- Katwal, T. B. (2013). Multiple cropping in Bhutanese agriculture-present status and opportunities. *Regional Consultative Meeting on Popularizing Multiple Cropping Innovations*, 1–36. <http://www.nbc.gov.bt/wp-content/uploads/2010/06/Multiple-Cropping-Paper-Bhutan-for-SAC-1.pdf>
- Knez, I., Butler, A., Ode Sang, Ångman, E., Sarlöv-Herlin, I., & Åkerskog, A. (2018). Before and after a natural disaster: Disruption in emotion component of place-identity and wellbeing. *Journal of Environmental Psychology*, 55, 11–17. <https://doi.org/10.1016/j.jenvp.2017.11.002>
- Leakey, R. R. B., Tchoundjeu, Z., Schreckenberg, K., Shackleton, S. E., & Shackleton, C. M. (2005). Agroforestry tree products (AFTP): Targeting poverty reduction and enhanced livelihoods. *International Journal of Agricultural Sustainability*, 3(1), 1–23. <https://doi.org/10.1080/14735903.2005.9684741>
- Lepak, D., Taylor, S., Tekleab, A., Marrone, J., & Cohen, D. (2006). An Examination of The Use of High-Investment Human Resources Systems for Core and Support Employees. *Human Resource Management*, 45(1), 127–145. <https://doi.org/10.1002/hrm>
- Lin, B. B. (2011). Resilience in agriculture through crop diversification: Adaptive management for environmental change. *BioScience*, 61(3), 183–193. <https://doi.org/10.1525/bio.2011.61.3.4>
- Liu, W., Li, J., Ren, L., Xu, J., Li, C., & Li, S. (2020). Exploring Livelihood Resilience and Its Impact on Livelihood Strategy in Rural China. *Social Indicators Research*, 150(3), 977–998. <https://doi.org/10.1007/s11205-020-02347-2>
- López-Marrero, T., & Tschakert, P. (2011). From theory to practice: Building more resilient communities in flood-prone areas. *Environment and Urbanization*, 23(1), 229–249. <https://doi.org/10.1177/0956247810396055>
- Mahyastuti, P., Swari Farkhah Mufida, Sesotyaningtyas, M., Panduswanto, P., Maulana, R. F., Wibowo, Y. A., & Desain. (2021). *Daftar lokasi & aksi ketahanan iklim*.
- Mango, N., Makate, C., Mapemba, L., & Sopo, M. (2018). The role of crop diversification in improving household food security in central Malawi. *Agriculture and Food Security*, 7(1), 1–10. <https://doi.org/10.1186/s40066-018-0160-x>
- Martin, S. M., & Lorenzen, K. (2016). Livelihood Diversification in Rural Laos. *World Development*, 83, 231–243. <https://doi.org/10.1016/j.worlddev.2016.01.018>
- Mattalia, G., Wezel, A., Costet, P., Jagoret, P., Deheuvels, O., Migliorini, P., & David, C. (2022). Contribution of cacao agroforestry versus mono-cropping systems for enhanced sustainability. A review with a focus on yield. *Agroforestry Systems*, 96(7), 1077–1089. <https://doi.org/10.1007/s10457-022-00765-4>
- Mohammed, K., Batung, E., & Kansanga, M. (2021). Livelihood diversification



strategies and resilience to climate change in semi-arid northern Ghana. *Climatic Change*, 164(53), 1–23.

Molla, B. (2019). The role of agroforestry on house hold income of rural communities the ase Soddo Zuria Woreda; South Ehiopia. *Global Journal of Human-Social Science Research*, 19(3), 38–48. <https://socialscienceresearch.org/index.php/GJHSS/article/view/2960>

Muchane, M. N., Sileshi, G. W., Gripenberg, S., Jonsson, M., Pumariño, L., & Barrios, E. (2020). Agroforestry boosts soil health in the humid and sub-humid tropics: A meta-analysis. *Agriculture, Ecosystems and Environment*, 295(February). <https://doi.org/10.1016/j.agee.2020.106899>

Muddarisna, N., Yuniwati, E., Masruroh, H., & O, A. (2020). *Local Agroforestry as Landslide Mitigation in the Gede Catchment in Malang Regency*. <https://doi.org/10.4108/eai.18-7-2019.2290363>

Mudzielwana, R. V. A., Mafongoya, P., & Mudhara, M. (2022). An Analysis of Livelihood-Diversification Strategies among Farmworker Households: A Case Study of the Tshiombo Irrigation Scheme, Vhembe District, South Africa. *Agriculture*, 12(11), 1866. <https://doi.org/10.3390/agriculture12111866>

Nasrnia, F., & Ashktorab, N. (2021a). Sustainable livelihood framework-based assessment of drought resilience patterns of rural households of Bakhtegan basin, Iran. *Ecological Indicators*, 128, 107817. <https://doi.org/10.1016/j.ecolind.2021.107817>

Nasrnia, F., & Ashktorab, N. (2021b). Sustainable livelihood framework-based assessment of drought resilience patterns of rural households of Bakhtegan basin , Iran. *Ecological Indicators*, 128, 107817. <https://doi.org/10.1016/j.ecolind.2021.107817>

Neffke, F., & Henning, M. (2012). Skill Relatedness and Firm Diversification. *Strategic Management Journal*, 920(October), 1–43. <https://doi.org/10.1002/smj>

Nellemann, C., MacDevette, M., Manders, T., Eichout, B., Svhuis, B., Prins, A. G., & Kaltenbor, B. P. (2009). The environmental foof crisis. In *A UNEP rapid response assessment. United Nations Environment Programme, GRID-Arendal* (Vol. 2). <https://doi.org/10.1017/CHO9781107445758.052>

Nojang, E. N., & Jensen, J. (2020). Conceptualizing Individual and Household Disaster Preparedness: The Perspective from Cameroon. *International Journal of Disaster Risk Science*, 11(3), 333–346. <https://doi.org/10.1007/s13753-020-00258-x>

Ntim-Amo, G., Yin, Q., Ankrah, E. K., Liu, Y., Ankrah Twumasi, M., Agbenyo, W., Xu, D., Ansah, S., Mazhar, R., & Gamboc, V. K. (2022). Farm households' flood risk perception and adoption of flood disaster adaptation strategies in northern Ghana. *International Journal of Disaster Risk Reduction*, 80(July). <https://doi.org/10.1016/j.ijdrr.2022.103223>



Nunes, A. R. (2021). Exploring the interactions between vulnerability, resilience and adaptation to extreme temperatures. In *Natural Hazards* (Vol. 109, Issue 3). Springer Netherlands. <https://doi.org/10.1007/s11069-021-04919-y>

Nurmalasari, R., & Ispriyanti, D. (2017). *Analisis faktor-faktor yang mempengaruhi indeks pembangunan manusia (ipm) menggunakan metode regresi logistik ordinal dan regresi probit ordinal (Studi Kasus Kabupaten/Kota di Jawa Tengah Tahun 2014)*. 6, 111–120.

Oktinafuri, D., & Sudrajat, S. (2016). Pengaruh Status Kepemilikan Lahan Sawah terhadap Intensitas Penanaman di Desa Banjararum, Kecamatan Kalibawang, Kabupaten Kulon Progo. *Jurnal Bumi Indonesia*, 5(4), 228785.

Olsson, P., Galaz, V., & Boonstra, W. J. (2014). *Sustainability transformations: a resilience perspective*. 19(4), 13.

Ong, B., Chuong, N., Thi, N., Thao, P., Le, T., & Ha, Y. (2014). Rural Livelihood Diversification in the South Central Coast of Vietnam. *University of Da Nang, College of Economics*, 1–25.

Opiyo, F., Wasonga, O., Nyangito, M., Schilling, J., & Munang, R. (2015). Drought Adaptation and Coping Strategies Among the Turkana Pastoralists of Northern Kenya. *International Journal of Disaster Risk Science*, 6(3), 295–309. <https://doi.org/10.1007/s13753-015-0063-4>

Pfeiffer, L., López-Feldman, A., & Taylor, J. E. (2009). Is off-farm income reforming the farm? Evidence from Mexico. *Agricultural Economics*, 40(2), 125–138. <https://doi.org/10.1111/j.1574-0862.2009.00365.x>

Pham, N. T. T., Nong, D., Raghavan Sathyan, A., & Garschagen, M. (2020). Vulnerability assessment of households to flash floods and landslides in the poor upland regions of Vietnam. *Climate Risk Management*, 28(January), 100215. <https://doi.org/10.1016/j.crm.2020.100215>

Plana-Farran, M., & Gallizo, J. L. (2021). The survival of family farms: Socioemotional wealth (sew) and factors affecting intention to continue the business. *Agriculture (Switzerland)*, 11(6). <https://doi.org/10.3390/agriculture11060520>

Purwaningsih, R., Sartohadi, J., & Anggri, M. (2020). Trees and crops arrangement in the agroforestry system based on slope units to control landslide reactivation on volcanic foot slopes in Java, Indonesia. *Land*, 9(9). <https://doi.org/10.3390/LAND9090327>

Purwestri, R. C., Lusiana, B., Wirawan, N. N., Fahmi, I., Habibie, I. Y., Sane, M., Hochmalová, M., Fetriyuna, F., Hájek, M., & Handayani, D. (2022). Agricultural contribution to the nutritional status of children: A comparative study of annual crop, agroforestry, and mixed-farming type in Buol, Indonesia. *Food and Energy Security*, 11(1), 1–22. <https://doi.org/10.1002/fes3.338>



- Quandt, A. (2018). Measuring livelihood resilience: The Household Livelihood Resilience Approach (HLRA). *World Development*, 107, 253–263. <https://doi.org/10.1016/j.worlddev.2018.02.024>
- Quandt, A. (2021). Coping with drought: Narratives from smallholder farmers in semi-arid Kenya. *International Journal of Disaster Risk Reduction*, 57, 102168. <https://doi.org/10.1016/j.ijdrr.2021.102168>
- Quandt, A., Neufeldt, H., Mccabe, J. T., & Quandt, A. (2018). Building livelihood resilience : what role does agroforestry play ? Building livelihood resilience : what role does agroforestry play ? *Climate and Development*, 0(0), 1–16. <https://doi.org/10.1080/17565529.2018.1447903>
- Ramilan, T., Kumar, S., Haileslassie, A., Craufurd, P., Scrimgeour, F., Kattarkandi, B., & Whitbread, A. (2022). Quantifying Farm Household Resilience and the Implications of Livelihood Heterogeneity in the Semi-Arid Tropics of India. *Agriculture (Switzerland)*, 12(4), 1–15. <https://doi.org/10.3390/agriculture12040466>
- Refialy, L. P., Maitimu, H., & Pesulima, M. S. (2021). Perbaikan Kinerja Clustering K-Means pada Data Ekonomi Nelayan dengan Perhitungan Sum of Square Error (SSE) dan Optimasi nilai K cluster. *Techno.Com*, 20(2), 321–329. <https://doi.org/10.33633/tc.v20i2.4572>
- Roque, A. D., Pijawka, D., & Wutich, A. (2020). The Role of Social Capital in Resiliency: Disaster Recovery in Puerto Rico. *Risk, Hazards and Crisis in Public Policy*, 11(2), 204–235. <https://doi.org/10.1002/rhc3.12187>
- Rosyidi, M. M. (2021). *Struktur dan Komposisi Penyusun Hutan Rakyat Dusun Madigondo, Desa Sidoharjo, Kecamatan Samigaluh, Kabupaten Kulon Progo* (Issue March). Universitas Gadjah Mada.
- Rozaki, Z., Rahmawati, N., Wijaya, O., Mubarok, A. F., Senge, M., & Kamarudin, M. F. (2021). A case study of agroforestry practices and challenges in mt. Merapi risk and hazard prone area of indonesia. *Biodiversitas*, 22(6), 2511–2518. <https://doi.org/10.13057/biodiv/d220661>
- Salam, S., Bauer, S., & Palash, M. S. (2019). Impact of income diversification on rural livelihood in some selected areas of Bangladesh. *Journal of the Bangladesh Agricultural University*, 17(1), 73–79. <https://doi.org/10.3329/jbau.v17i1.40666>
- Salatalohy, A. (2019). Strategi Dan Struktur Nafkah Rumahtangga Petani Agroforestri Kecamatan Parigi Kabupaten Gowa Propinsi Sulawesi Selatan. *Jurnal Hutan Dan Masyarakat*, 11(2), 126. <https://doi.org/10.24259/jhm.v11i2.8297>
- Sarstedt, M., Hair, J. F., Cheah, J. H., Becker, J. M., & Ringle, C. M. (2019). How to specify, estimate, and validate higher-order constructs in PLS-SEM. *Australasian Marketing Journal*, 27(3), 197–211. <https://doi.org/10.1016/j.ausmj.2019.05.003>



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. *Journal of Agriculture and Food Research*, 5, 100190. <https://doi.org/10.1016/j.jafr.2021.100190>

Sekarlangit, N. (2022). *Analisis Probabilitas Kerentanan Gerakan Tanah dengan Menggunakan Regresi Logistik (Studi Kasus: Lereng Utara Pegunungan Menoreh)*. <http://etd.repository.ugm.ac.id/penelitian/detail/208263>

Shah, A. A., Gong, Z., & Khan, N. A. (2021). *Livelihood diversification in managing catastrophic risks : evidence from flood-disaster regions of Khyber Pakhtunkhwa Province of Pakistan*. 40844–40857.

Shan, T. B., & Ahmed, J. U. (2020). *Determinants of Livelihood Diversification of Rural Households in Sylhet*. 38(11), 97–104. <https://doi.org/10.9734/AJAEES/2020/v38i1130457>

Speranza, C. I., Wiesmann, U., & Rist, S. (2014). An indicator framework for assessing livelihood resilience in the context of social – ecological dynamics. *Global Environmental Change*, 28, 109–119. <https://doi.org/10.1016/j.gloenvcha.2014.06.005>

Sullivan, C. (2002). Calculating a Water Poverty Index. *World Development Vol.*, 30(7), 1195–1210.

Supiani. (2022). Pemetaan Kerawanan Tanah Longsor Menggunakan Metode Weighted Overlay di Kecamatan Samigaluh Kabupaten Kulon Progo. In *Universitas Gadjah Mada*.

Suryanto, P., Widyastuti, S. M., Sartohadi, J., Awang, S. A., & . B. (2012). Traditional Knowledge of Homegarden-Dry Field Agroforestry as a Tool for Revitalization Management of Smallholder Land Use in Kulon Progo, Java, Indonesia. *International Journal of Biology*, 4(2), 173–183. <https://doi.org/10.5539/ijb.v4n2p173>

Tan, J., Peng, L., & Guo, S. (2020). Measuring Household Resilience in Hazard-Prone Mountain Areas: A Capacity-Based Approach. *Social Indicators Research*, 152(3), 1153–1176. <https://doi.org/10.1007/s11205-020-02479-5>

Thao, N. T. T., Khoi, D. N., Xuan, T. T., & Tychon, B. (2019). Assessment of Livelihood Vulnerability to Drought: A Case Study in Dak Nong Province, Vietnam. *International Journal of Disaster Risk Science*, 10(4), 604–615. <https://doi.org/10.1007/s13753-019-00230-4>

Thinh, A., Le, N., Nguyen, T., Hong, H., & Hanh, N. (2020). Rural livelihood diversification of Dzao farmers in response to unpredictable risks associated with agriculture in Vietnamese Northern Mountains today. *Environment, Development and Sustainability*, 22(6), 5387–5407. <https://doi.org/10.1007/s10668-019-00429-x>



Wardani, C. G. R. (2022). *Peran agroforestri dalam pengurangan risiko bencana longsor lahan di perbukitan menoreh (studi kasus pada desa giritengah)*.

Wijayanto, H. W., Lo, K. A., Toiba, H., & Rahman, M. S. (2022). Does Agroforestry Adoption Affect Subjective Well-Being? Empirical Evidence from Smallholder Farmers in East Java, Indonesia. *Sustainability (Switzerland)*, 14(16). <https://doi.org/10.3390/su141610382>

Wirakusuma, G. (2020). Apa Yang Mendorong Diversifikasi Pendapatan Petani?: Tinjauan Empiris Rumah Tangga Tani Padi Provinsi Jawa Timur. *Agrisocionomics: Jurnal Sosial Ekonomi Pertanian*, 4(1), 135–146. <https://doi.org/10.14710/agrisocionomics.v4i1.6091>

Wulandari, A., Faruk, F. M., & Doven, F. S. (2017). *Penerapan metode regresi logistik biner untuk dalam menghadapi bencana alam Studi Kasus di Provinsi Jawa Tengah Tahun 2017*. 379–389.

Yego, P., Mbeche, R., Ateka, J., & Majiwa, E. (2021). Forest-based livelihood choices and their determinants in Western Kenya. *Forest Science and Technology*, 17(1), 23–31. <https://doi.org/10.1080/21580103.2020.1870577>

Yulianto, S., Apriyadi, R. K., Aprilyanto, A., Winugroho, T., Ponangsera, I. S., & Wilopo, W. (2021). Histori Bencana dan Penanggulangannya di Indonesia Ditinjau Dari Perspektif Keamanan Nasional. *PENDIPA Journal of Science Education*, 5(2), 180–187. <https://doi.org/10.33369/pendipa.5.2.180-187>

Zhang, H., Zhao, Y., & Pedersen, J. (2020). Capital assets framework for analysing household vulnerability during disaster. *Disasters*, 44(4), 687–707. <https://doi.org/10.1111/dis.12393>

Zhou, W., Guo, S., Deng, X., & Xu, D. (2021). Livelihood resilience and strategies of rural residents of earthquake-threatened areas in Sichuan Province, China. *Natural Hazards*, 106(1), 255–275. <https://doi.org/10.1007/s11069-020-04460-4>

Zomer, R. ., Trabucco A, Coe, R., Place, F., van Noordwijk, M., & Xu, J. . (2014). *Trees on farms: an update and reanalysis of agroforestry's global extent and socio-ecological characteristics*. Working Paper 179. Bogor, Indonesia: World Agroforestry Centre (ICRAF) Southeast Asia Regional Program. 54. <http://www.worldagroforestry.org/downloads/publications/PDFs/WP14064.PDF>