

## Daftar Pustaka

- Abidin, N. J., & Handayani, B. L. (2022). Stratifikasi Sosial dan Akses Atas Keselamatan Terhadap Bencana. *Jurnal Sosiologi Nusantara*, 8(2), 293–304. <https://doi.org/10.33369/jnsn.8.2.293-304>
- Adelekan, I. O. (2011). Vulnerability assessment of an urban flood in Nigeria: Abeokuta flood 2007. *Natural Hazards*, 56(1), 215–231. <https://doi.org/10.1007/s11069-010-9564-z>
- Aldi, D., Nurhayati, & Putri, E. I. K. (2021). The vulnerability of salt farmer houses in Donggobolo Village due to climate changes. *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan*, 11(2), 298–308. <https://doi.org/10.29244/jpsl.11.2.298-308>
- Aliabadi, S. F., Sarsangi, A., & Modiri, E. (2015). The social and physical vulnerability assessment of old texture against earthquake (case study: Fahadan district in Yazd City). *Arabian Journal of Geosciences*, 8(12), 10775–10787. <https://doi.org/10.1007/s12517-015-1939-8>
- Aminah, S. (2015). Pengembangan Kapasitas Petani Kecil Lahan Kering untuk Mewujudkan Ketahanan Pangan. *Jurnal Bina Praja*, 7(3), 197–210.
- Anugrah, E. (2018). *Analisis Faktor-Faktor Yang Mempengaruhi Pendapatan Petani Nanas “Madu Kelud” (Studi Kasus Pada Petani Nanas Madu Gunung Kelud Kecamatan Ngancar Kabupaten Kediri)*. Universitas Brawijaya.
- Arsyad, M., Sabang, Y., Agus, N., Bulkis, S., & Kawamura, Y. (2020). Intercropping Farming System and Farmers Income. *AGRIVITA Journal of Agricultural Science*, 42(2), 360–366.
- Arumingtyas, E. (2021). *Biologi Tanaman Hortikultura*. Universitas Brawijaya Press.
- Bachri, S., Utaya, S., Nurdiansyah, F. D., Nurjanah, A. E., Ning Tyas, L. W., Purnama, D. S., & Adillah, A. A. (2017). Analisis dan Optimalisasi Potensi Lahan Pertanian Sebagai Kajian Dampak Positif Erupsi Gunungapi Kelud 2014. *Majalah Geografi Indonesia*, 31(2), 33. <https://doi.org/10.22146/mgi.27738>
- Bagaskara, F., & Tridakusumah, A. T. (2021). Dinamika Pengelolaan Hutan Bersama Masyarakat (Studi Kasus Lmdh Tani Mukti Giri Jaya, Desa Mekarmanik, Kecamatan Cimenyan, Kabupaten Bandung. *Jurnal Pemikiran Masyarakat Ilmiah Berwawasan Agribisnis*, 7(1), 805–823.
- Banowati, E., & Sriyanto. (2013). *Geografi Pertanian*. Penerbit Ombak.
- Birkmann, J., Cardona, O. D., Carreño, M. L., Barbat, A. H., Pelling, M., Schneiderbauer, S., Kienberger, S., Keiler, M., Alexander, D., Zeil, P., & Welle, T. (2013). Framing vulnerability, risk and societal responses: The MOVE framework. *Natural Hazards*, 67(2), 193–211. <https://doi.org/10.1007/s11069-013-0558-5>
- Birkmann, J., Jamshed, A., McMillan, J. M., Feldmeyer, D., Totin, E., Solecki, W., Ibrahim, Z. Z., Roberts, D., Kerr, R. B., Poertner, H. O., Pelling, M., Djalante, R.,

- Garschagen, M., Leal Filho, W., Guha-Sapir, D., & Alegría, A. (2022). Understanding Human Vulnerability To Climate Change: A Global Perspective On Index Validation For Adaptation Planning. *Science of the Total Environment*, 803. <https://doi.org/10.1016/j.scitotenv.2021.150065>
- Bouttes, M., San Cristobal, M., & Martin, G. (2018). Vulnerability To Climatic And Economic Variability Is Mainly Driven By Farmers' Practices On French Organic Dairy Farms. *European Journal of Agronomy*, 94, 89–97. <https://doi.org/10.1016/j.eja.2018.01.013>
- Brigita, S., & Sihaloho, M. (2018). Strategi, Kerentanan, dan Resiliensi Nafkah Rumahtangga Petani di Daerah Rawan Bencana Banjir. *Jurnal Sains Komunikasi Dan Pengembangan Masyarakat [JSKPM]*, 2(2), 239–254. <https://doi.org/10.29244/jskpm.2.2.239-254>
- Budiono, N. D. P., & Rivai, A. (2021). Faktor-Faktor Yang Mempengaruhi Kualitas Hidup Lansia. *Jurnal Ilmiah Kesehatan Sandi Husada*, 10(2), 371–379. <https://doi.org/10.35816/jiskh.v10i2.621>
- Dan, E., Publik, K., Keringanan, K., & Satya, V. E. (2009). Kajian Singkat terhadap Isu-Isu Terkini. VI. [www.dpr.go.id](http://www.dpr.go.id)
- Dewi, F. T., Sriatmi, A., & Nandini, N. (2021). Persepsi Dampak Ekonomi dan Sosial terhadap Kerentanan Fisik pada Status Kesehatan selama Pandemi COVID-19 (Studi Kasus di Provinsi Jawa Tengah). *Media Kesehatan Masyarakat Indonesia*, 20(1), 19–25. <https://doi.org/10.14710/mkmi.20.1.19-25>
- Elizabeth, G. R. (2019). Peningkatan Partisipasi Petani, Pemberdayaan Kelembagaan Dan Kearifan Lokal Mendukung Ketahanan Pangan Berkelanjutan. *Agricore: Jurnal Agribisnis Dan Sosial Ekonomi Pertanian Unpad*, 4(2).
- Elysia, V., & Wihadanto, A. (2018). *The Sister Village Program: Promoting Community Resilience after Merapi Eruption*. *The Indonesian Journal of Planning and Development*, 3(1), 32. <https://doi.org/10.14710/ijpd.3.1.32-43>
- Finch, C., Emrich, C. T., & Cutter, S. L. (2010). *Disaster disparities and differential recovery in New Orleans*. *Population and Environment*, 31(4), 179–202. <https://doi.org/10.1007/s11111-009-0099-8>
- Fitrianto, J., Amin, D., & Herdiana, D. (2022). Peningkatkan Ekonomi Petani Kopi Melalui Program Pengelolaan Hutan Bersama Masyarakat (PHBM). *Tamkin: Jurnal Pengembangan Masyarakat Islam*, 7(1).
- Griffin, C. (2020). 'Prosperity beyond belief': The interaction between a potato crop boom, vulnerability and volcanic hazard in Central Java, Indonesia. *Singapore Journal of Tropical Geography*, 41(1), 23–39. <https://doi.org/10.1111/sjtg.12294>
- Gusti, I. M., Gayatri, S., & Prasetyo, A. S. (2022). The Affecting of Farmer Ages, Level of Education and Farm Experience of the farming knowledge about Kartu Tani beneficial and method of use in Parakan Distric, Temanggung Regency. *Jurnal*

*Litbang Provinsi Jawa Tengah*, 19(2), 209–221.  
<https://doi.org/10.36762/jurnaljateng.v19i2.926>

Han, M., Liu, R., Ma, H., Zhong, K., Wang, J., & Xu, Y. (2022). The Impact of Social Capital on Farmers' Willingness to Adopt New Agricultural Technologies: Empirical Evidence from China. *Agriculture (Switzerland)*, 12(9).  
<https://doi.org/10.3390/agriculture12091368>

Hari, W., & Widodo, S. (2021). Ibnu Sasongko 4) 1)2)3)4) Fakultas Teknik Sipil dan Perencanaan. *Ida Soewarni*, 3(2).

Himmati, R. (2017). The Analysis Of Agricultural Product In Pineapple Commodities In Ngancar District, Kediri Regency, East Java Province. In *Journal of Indonesian Applied Economics* (Vol. 7, Issue 1).

Hizbaron, D. R., Hadmoko, D. S., Mei, E. T. W., Murti, S. H., Laksani, M. R. T., Tiyansyah, A. F., Siswanti, E., & Tampubolon, I. E. (2018). Towards measurable resilience: Mapping the vulnerability of at-risk community at Kelud Volcano, Indonesia. *Applied Geography*, 97, 212–227.  
<https://doi.org/10.1016/j.apgeog.2018.06.012>

Hujianto, S. G. (2022). Analisis Kerentanan Sosial Ekonomi Masyarakat Desa Sidareja Kecamatan Sidareja Kabupaten Cilacap Terhadap Ancaman Bencana Banjir. Universitas Gadjah Mada.

Indyastuti, T., Alfanisa, S., Ningrum, M. W., Agung, R. P., Kurniansyah, A. A., & Wibowo, Y. A. (2023). The Essence Of Disaster Education At The Junior High Schools In Landslide Disaster Prone-Area, Tawangmangu, Indonesia. *GeoEco*, 9(1), 42. <https://doi.org/10.20961/ge.v9i1.59172>

Jamshidi, O., Asadi, A., Kalantari, K., Azadi, H., & Scheffran, J. (2019). Vulnerability to climate change of smallholder farmers in the Hamadan province, Iran. *Climate Risk Management*, 23, 146–159. <https://doi.org/10.1016/j.crm.2018.06.002>

Kang, K. (2014). Disaster Preparedness Among Vulnerable Older Adults With Chronic Diseases: Results From A Cross-Sectional Study In Incheon, Korea. *Nursing and Health Sciences*, 16(1), 46–51. <https://doi.org/10.1111/nhs.12133>

Khotimah, N., Kusnadi, N., & Nuryartono, N. (2022). Pengaruh Usaha Kambing Perah Dalam Mengurangi Kerentanan Rumah Tangga Petani. The Effect of Daily Goat Business in Reduce the Vulnerability of Farmers' Households. *Jurnal Agro Ekonomi*, 40(1), 17–31. <https://doi.org/10.21082/jae.v40n1.2022.17-31>

Khotimah, N., Kusnadi, N., & Nuryartono, N. (2018). Pengaruh Usaha Kambing Perah Dalam Mengurangi Kerentanan Rumah Tangga Petani The Effect of Daily Goat Business in Reduce the Vulnerability of Farmers' Households. *Jurnal Agro Ekonomi*, 40(1), 17–31. <https://doi.org/10.21082/jae.v40n1.2022.17-31>

Kinanthi, R. (2016). Kajian Kerentanan Petani Transmigran Lokal Terhadap Bencana Abrasi Di Pesisir Desa Bugel Kabupaten Kulonprogo. Universitas Gadjah Mada.

- Klasen, S., Lechtenfeld, T., & Povel, F. (2015). A Feminization of Vulnerability? Female Headship, Poverty, and Vulnerability in Thailand and Vietnam. *World Development*, *71*, 36–53. <https://doi.org/10.1016/j.worlddev.2013.11.003>
- Kuhlicke, C., Scolobig, A., Tapsell, S., Steinführer, A., & de Marchi, B. (2011). Contextualizing social vulnerability: Findings from case studies across Europe. *Natural Hazards*, *58*(2), 789–810. <https://doi.org/10.1007/s11069-011-9751-6>
- Kusumasari, B. (2015). Women Adaptive Capacity In Post Disaster Recovery In Indonesia. *Asian Social Science*, *11*(12), 281–289. <https://doi.org/10.5539/ass.v11n12p281>
- Lottering, S. J., Mafongoya, P., & Lottering, R. T. (2021). Assessing The Social Vulnerability Of Small-Scale Farmer’s To Drought In Umsinga, KwaZulu-Natal. *International Journal of Disaster Risk Reduction*, *65*. <https://doi.org/10.1016/j.ijdr.2021.102568>
- Maeno, F., Nakada, S., Yoshimoto, M., Shimano, T., Hokanishi, N., Zaennudin, A., & Iguchi, M. (2019). Eruption Pattern And A Long-Term Magma Discharge Rate Over The Past 100 Years At Kelud Volcano, Indonesia. *Journal of Disaster Research*, *14*(1), 27–39. <https://doi.org/10.20965/JDR.2019.P0027>
- Mandang, M., & Sondakh, M. (2020). Karakteristik Petani Berlahan Sempit Di Desa Tolok Kecamatan Tompaso. *Agri-SosioEkonomiUnsrat*, *16*(1).
- Marfai, A., Mei, E. T., & Retnowati, A. (2019). *Pengurangan Risiko Bencana Gunungapi Gamalama Ternate*. Gadjah Mada University Press.
- Mei, E. T. W., Fajarwati, A., Sudibyoy, J., & Sari, I. (2018). *Sister Village (Strategi Alternatif Mitigasi Bencana Gunung Api)*. UGM Press.
- Mendes, J. M., Tavares, A. O., & Santos, P. P. (2020). Social vulnerability and local level assessments: a new approach for planning. *International Journal of Disaster Resilience in the Built Environment*, *11*(1), 15–43. <https://doi.org/10.1108/IJDRBE-10-2019-0069>
- Mulyasari, F., & Shaw, R. (2013). Role of women as risk communicators to enhance disaster resilience of Bandung, Indonesia. *Natural Hazards*, *69*(3), 2137–2160. <https://doi.org/10.1007/s11069-013-0798-4>
- Murken, L., & Gornott, C. (2022). The importance of different land tenure systems for farmers’ response to climate change: A systematic review. In *Climate Risk Management* (Vol. 35). Elsevier B.V. <https://doi.org/10.1016/j.crm.2022.100419>
- Musa, F. B., Katundu, M. C., Lewis, L. A., & Munthali, A. (2024). Gender and livelihood assets: Assessing climate change resilience in Phalombe district – Malawi. *Environmental and Sustainability Indicators*, *22*. <https://doi.org/10.1016/j.indic.2024.100347>

- Nakada, S., Zaennudin, A., Maeno, F., Yoshimoto, M., & Hakanishi, N. (2016a). Credibility Of Volcanic Ash Thicknesses Reported By The Media And Local Residents Following The 2014 Eruption Of Kelud Volcano, Indonesia. *Journal of Disaster Research*, 11(1), 53–59. <https://doi.org/10.20965/jdr.2016.p0053>
- Naudé, W., Santos-Paulino, A. U., & McGillivray, M. (2009). Measuring vulnerability: An overview and introduction. *Oxford Development Studies*, 37(3), 183–191. <https://doi.org/10.1080/13600810903085792>
- Nazari, S., Rad, G. P., Sedighi, H., & Azadi, H. (2015). Vulnerability of wheat farmers: Toward a conceptual framework. In *Ecological Indicators* (Vol. 52, pp. 517–532). Elsevier. <https://doi.org/10.1016/j.ecolind.2015.01.006>
- Nhuan, M. T., Tue, N. T., Hue, N. T. H., Quy, T. D., & Lieu, T. M. (2016). An indicator-based approach to quantifying the adaptive capacity of urban households: The case of Da Nang city, Central Vietnam. *Urban Climate*, 15, 60–69. <https://doi.org/10.1016/j.uclim.2016.01.002>
- Noerhayati, E. (2023). *Teknologi Pemberian Air Irigasi Berbasis IoT untuk Tanaman Holtikultura*. UNISMA PRESS.
- Nurfitriani, Rahman, B., & Febriani, L. (2021). Mekanisme Survival Buruh Tani Lanjut Usia (Lansia) . *Jurnal Sosial Dan Sains*, 1(2), 75–81.
- Panunggul, V. B., Khaerana, S. Y., & Tuhutery, S. (2023). *Pengantar Ilmu Pertanian*. Widina Media Utama.
- Perdikaris, J., Gharabaghi, B., & Mcbean, E. (2011). A methodology for undertaking vulnerability assessments of flood susceptible communities. *International Journal of Safety and Security Engineering*, 1(2), 126–146. <https://doi.org/10.2495/SAFE-V1-N2-126-146>
- Purba, D. W., Thohiron, M., & Surjaningsih, D. R. (2020). *Pengantar Ilmu Pertanian*. Yayasan Kita Menulis.
- Rachmawati, R. (2021). Urban Development, Land Use, and Spatial Planning for Settlements: Lessons Learned from Yogyakarta City, Indonesia. *American Journal of Economics and Sociology*, 80(2), 757–775. <https://doi.org/10.1111/ajes.12393>
- Reza, M., Noer, M., Yonariza, & Asmawi. (2019). Hubungan Ikatan Anggota Kelompok Tani dengan Partisipasinya pada Proses Perencanaan Penyuluhan Pertanian Tingkat Nagari di Kabupaten Lima Puluh Kota. *Jurnal Penyuluhan*, 15(1).
- Rozaki, Z., Rahmawati, N., Relawati, R., Wijaya, O., Rahayu, L., Triyono, Azizah, S. N., Rahmat, A., & Jumakir. (2022). Strategies for overcoming farmers' lives in volcano-prone areas: A case study in Mount Semeru, Indonesia. *Open Agriculture*, 7(1), 486–503. <https://doi.org/10.1515/opag-2022-0118>

- Rufat, S., Tate, E., Burton, C. G., & Maroof, A. S. (2015). Social vulnerability to floods: Review of case studies and implications for measurement. *International Journal of Disaster Risk Reduction*, 14, 470–486. <https://doi.org/10.1016/j.ijdr.2015.09.013>
- Sahay, S., Pati, J. K., Singh, A. K., Niyogi, A., Chakarvorty, M., Prakash, K., & Dwivedi, M. M. (2023). Characterization of Ash Samples from the Kelud (Indonesia) Volcanic Eruption of 2014 and its Environmental Implications. *Journal of the Geological Society of India*, 99(4), 487–494. <https://doi.org/10.1007/s12594-023-2336-7>
- Sari, I. (2015). Tingkat Kerentanan Sosial Ekonomi Petani terhadap Jatuhan Piroklastik Gunungapi (Kasus : Desa Ngargomulyo, Kecamatan Dukun. Universitas Gadjah Mada.
- Sari, I., Fajarwati, A., & Mei, E. (2015). Tingkat Kerentanan Sosial Ekonomi Petani terhadap Jatuhan Piroklastik Gunungapi (Kasus : Desa Ngargomulyo, Kecamatan Dukun, Kabupaten Magelang). *Jurnal Bumi Indonesia*, 4(3).
- Sartohadi, J., Pratiwi, E., Febrian, M., Munawaroh, & Wardana, G. (2014). *Bunga Rampai Penelitian: Pengelolaan Bencana Kegunungapian Kelud pada Periode Krisis Erupsi 2014* (J. Sartohadi & E. Pratiwi, Eds.; 1st ed.). Pustaka Pelajar.
- Savari, M., Eskandari Damaneh, H., & Eskandari Damaneh, H. (2022). Drought vulnerability assessment: Solution for risk alleviation and drought management among Iranian farmers. *International Journal of Disaster Risk Reduction*, 67. <https://doi.org/10.1016/j.ijdr.2021.102654>
- Senapati, S., & Gupta, V. (2017). Socio-economic vulnerability due to climate change: Deriving indicators for fishing communities in Mumbai. *Marine Policy*, 76, 90–97. <https://doi.org/10.1016/j.marpol.2016.11.023>
- Setyaningrum, A. (2014). *Kerentanan Sosial terhadap banjir dan aset penghidupan masyarakat bantaran sungai bengawan solo kota surakarta paska Relokasi Mandiri*. Universitas Gadjah Mada.
- Sinaga, R., Noravika, M., Herawati, & Maghdalena, M. (2024). *Ilmu Usaha Tani*. Penerbit Widina Media Utama.
- Soeparno, K., Rahmawati, I., Kurniawan, Y., & Chizanah, L. (2020). *Ragam Ulas Kebencanaan*. Jakarta : Deepublish.
- Stanturf, J. A., Goodrick, S. L., Warren, M. L., Charnley, S., & Stegall, C. M. (2015). Social vulnerability and Ebola virus disease in rural Liberia. *PLoS ONE*, 10(9). <https://doi.org/10.1371/journal.pone.0137208>
- Sugeng, H. (2010). *Tanaman Apotik Hidup*. Jakarta: Aneka Ilmu.
- Sunarti, E., Sumarno, H., & Hadianto, A. (2009). *Indikator Kerentanan Keluarga Petani dan Nelayan untuk Pengurangan Risiko Bencana di Sektor Pertanian*.

- Surya Rakasiwi & Achmad Kautsar, L., & Keuangan, K. E. (2021). *Pengaruh Faktor Demografi dan Sosial Ekonomi terhadap Status Kesehatan Individu di Indonesia*. 5, 12220. <https://doi.org/10.31685/kek.V5.2.1008>
- Susilo, H., Nasrullah, D., & Rahmawati, D. (2023). Kelompok Wanita Tani Dan Upaya Membangun Ruang Ekonomi Di Desa Ngancar Kecamatan Plaosan Kabupaten Magetan. *LENTERA: Journal of Gender and Children Studies*, 3(2).
- Syahda, A. (2022). *Analisis Kerentanan Sosial Desa Dan Kelurahan Terhadap Bencana Banjir Di Kecamatan Bojonegoro, Kabupaten Bojonegoro*. Universitas Gadjah Mada.
- Tasic, J., & Amir, S. (2016). Informational capital and disaster resilience: the case of Jalin Merapi. *Disaster Prevention and Management*, 25(3), 395–411. <https://doi.org/10.1108/DPM-07-2015-0163>
- Terpstra, T. (2011). Emotions, Trust, and Perceived Risk: Affective and Cognitive Routes to Flood Preparedness Behavior. *Risk Analysis*, 31(10), 1658–1675. <https://doi.org/10.1111/j.1539-6924.2011.01616.x>
- Tickamyer, A. R., & Kusujarti, Siti. (2011). *Power, change, and gender relations in rural Java : a tale of two villages*. Ohio University Press.
- Tiyansyah, F., Setiawan, A., Tyas, E., & Sudibyakto. (2017). Analisis Spasial Tingkat Kerentanan Wilayah di Kawasan Rawan Bencana Piroklastik Gunungapi Kelud. *Jurnal Dialog Penanggulangan Bencana*, 8, 101–111.
- Unzila, E., Sariatmi, A., & Budiyantri, R. T. (2021). Status Kerentanan Keluarga ditinjau dari Karakteristik Responden dalam Menghadapi Pandemi COVID-19 di Provinsi Jawa Tengah. *MEDIA KESEHATAN MASYARAKAT INDONESIA*, 20(1), 26–30. <https://doi.org/10.14710/mkmi.20.1.26-30>
- Windiani, W., Fahmi, A., & Muhibbin, Z. (2019). Social Capital in Community Development at Prone Disaster Area: A Lesson Learnt at Sempu Village, Nglancar, Kediri, East Java, Indonesia. *IPTEK Journal of Proceedings Series*, 0(6), 31. <https://doi.org/10.12962/j23546026.y2019i6.6323>
- Wisner, B., Gaillard, J., & Kelman, I. (2015). Framing Disaster. In *Handbook of Hazards and Disaster Risk Reduction*. Routledge. <https://doi.org/10.4324/9780203844236.ch3>
- Wiyata, N., Dharmawan, A. H., & Putri, E. I. K. (2019). The Socioeconomic Vulnerability of Farm Households as a Result of Land Conversion (Case Study of Bogor District, West Java). *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan*, 9(1), 160–173. <https://doi.org/10.29244/jpsl.9.1.160-173>
- Yuwanto, L. (2018). *Indonesia the Ring of Fire*. Graha Ilmu.
- Zarafshani, K., Sharafi, L., Azadi, H., Hosseininia, G., De Maeyer, P., & Witlox, F. (2012). Drought vulnerability assessment: The case of wheat farmers in Western

Iran. *Global and Planetary Change*, 98–99, 122–130.  
<https://doi.org/10.1016/j.gloplacha.2012.08.012>

Zhang, W., Xu, X., & Chen, X. (2017). Social vulnerability assessment of earthquake disaster based on the catastrophe progression method: A Sichuan Province case study. *International Journal of Disaster Risk Reduction*, 24, 361–372.  
<https://doi.org/10.1016/j.ijdr.2017.06.022>

Zhou, Y., Li, N., Wu, W., & Wu, J. (2014). Assessment of provincial social vulnerability to natural disasters in China. *Natural Hazards*, 71(3), 2165–2186.  
<https://doi.org/10.1007/s11069-013-1003-5>