

## DAFTAR PUSTAKA

- Adams, R. M., Evans, C. M., Mathews, M. C., Wolkin, A., & Peek, L. (2021). Mortality From Forces of Nature Among Older Adults by Race/Ethnicity and Gender. *Journal of Applied Gerontology*, 40(11), 1517–1526.
- Alele, F., dan Aduli, B. (2023). *An Introduction to Research Methods for Undergraduate Health Professions Student*. James Cook University. <https://jcu.pressbooks.pub/intro-res-methods-health>.
- Aliyah, Nur. 2013. Dampak Penyimpangan Curah Hujan terhadap Petani Tembakau di Kabupaten Temanggung. *Skripsi*. Depok: Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Indonesia.
- Anggoro, T. 2022. Willingness to Pay Petani Tembakau Untuk Adaptasi Perubahan Iklim di Sektor Pertanian: Pendekatan Contingent Valuation Method (Studi Kasus di Kecamatan Ngadirejo, Kabupaten Temanggung). *Skripsi*. Yogyakarta: Fakultas Ekonomi dan Bisnis. Universitas Muhammadiyah Yogyakarta.
- Antwi-Agyei, P., & Stringer, L. C. (2021). Improving the effectiveness of agricultural extension services in supporting farmers to adapt to climate change: Insights from northeastern Ghana. *Climate Risk Management*, 32, 100304.
- Ardiansyah, A., N. (2015). Perspektif Geografi dalam Memahami Konteks Perubahan Iklim. *Social Science Education Journal*, 2(1), 67—75.
- Arham, M. (2020). Does Agricultural Performance Contribute to Rural Poverty Reduction in Indonesia? *JEJAK: Jurnal Ekonomi dan Kebijakan*, 13(1).
- Badan Penanggulangan Bencana Daerah (BPBD) Kabupaten Temanggung. (2024). *Infografis Bencana Januari 2024*. [https://bpbd.temanggungkab.go.id/frontend/d\\_informasi/601](https://bpbd.temanggungkab.go.id/frontend/d_informasi/601). Diakses oleh Desnanda Luklu Chusnia pada 17 April 2024.
- Badan Pusat Statistik (BPS) Kabupaten Temanggung. 2023. *Kabupaten Temanggung dalam Angka Tahun 2023*. BPS: Temanggung.

- Badan Pusat Statistik (BPS). (2023). *Persentase Tenaga Kerja Informal Sektor Pertanian*. <https://www.bps.go.id/indicator/6/1171/1/persentase-tenaga-kerja-informal-sektor-pertanian.html> Diakses oleh Desnanda Luklu Chusnia pada 23 Agustus 2023.
- Badan Pusat Statistik (BPS). 2022. *Produk Domestik Bruto Indonesia Triwulanan Quarterly Gross Domestic Product of Indonesia 2018—2022*. BPS: Jakarta.
- Birkmann, J., Jamshed, A., McMillan, J. M., Feldmeyer, D., Totin, E., Solecki, W., ... & Alegría, A. (2022). Understanding Human Vulnerability to Climate Change: A Global Perspective on Index Validation for Adaptation Planning. *Science of The Total Environment*, 803, 150065.
- Bedeke, S. B. (2023). Climate Change Vulnerability and Adaptation of Crop Producers in Sub-Saharan Africa: A Review on Concepts, Approaches and Methods. *Environment, Development and Sustainability*, 25(2), 1017-1051.
- Brata, Wisnu. 2012. *Tembakau atau Mati Kesaksian, Kegelisahan, dan Harapan Seorang Petani Tembakau*. Jakarta: Indonesia Berdikari.
- Burke, M., & Emerick, K. (2016). Adaptation to climate change: Evidence from US Agriculture. *American Economic Journal: Economic Policy*, 8(3), 106-140.
- Chen, D., Wang, M., Wang, G., Zhou, Y., Yang, X., Li, J., Dai, K. (2022). Functional Organic Fertilizers Can Alleviate Tobacco (*Nicotiana tabacum* L.) Continuous Cropping Obstacle Via Ameliorating Soil Physicochemical Properties and Bacterial Community Structure. *Frontiers in Bioengineering and Biotechnology*, 10, 1023693.
- Convention on Biological Diversity (CBD). 2016. *CBD Technical Series No. 85 Synthesis Report on Experiences with Ecosystem-based Approaches to Climate Change Adaptation and Disaster Risk Reduction*. Montreal: CBD.
- Cui, H., Liu, Q., Zhang, H., Zhang, Y., Wei, W., Jiang, W., dan Liu, S. (2023). Long-term Manure Fertilization Increases Rill Erosion Resistance by Improving Soil Aggregation and Polyvalent Cations. *Catena*, 223, 106909.
- Darmawan, E. S. (2021). Modal Sosial Petani Tembakau Srintil dalam Meningkatkan Kesejahteraan Petani Pada Masa Pandemi COVID-19 di Desa

Legoksari Kecamatan Tlogomulyo Kabupaten  
Temanggung. *Paradigma*, 10(1).

Dinas Pertanian dan Ketahanan Pangan Kabupaten Temanggung. 2019. *Rancangan Rencana Kerja (Renja) Dinas Pertanian dan Ketahanan Pangan Kabupaten Temanggung*. Temanggung.

Donatti, C. I., Harvey, C. A., Hole, D., Panfil, S. N., & Schurman, H. (2020). Indicators to measure the climate change adaptation outcomes of ecosystem-based adaptation. *Climatic Change*, 158, 413-433.

Edmonds, H. K., Lovell, J. E., & Lovell, C. A. K. (2020). A New Composite Climate Change Vulnerability Index. *Ecological Indicators*, 117, 1—8.

Etikan, I., dan Bala, K. 2017. Sampling and Sampling Method. *Biom Biostat Int*, 5(6), 215—217.

Erfandi, D. (2016). Aspek Konservasi Tanah dalam Mencegah Degradasi lahan pada Lahan Pertanian Berlereng. dalam *Prosiding Seminar Nasional Pengembangan Teknologi Pertanian*.

Esfandiari, M., Khalilabad, H. R. M., Boshraadi, H. M., & Mehrjerdi, M. R. Z. (2020). Factors influencing the use of adaptation strategies to climate change in paddy lands of Kamfiruz, Iran. *Land Use Policy*, 95, 104628.

Food and Agriculture Organization of the United Nations (FAO). 2008. *Climate Change, Energy and Food. High-Level Conference on Food Security: The Challenges of Climate Change and Bioenergy Climate-Related Trans-Boundary Pests and Diseases*. Rome: Food and Agriculture Organization of the United Nations.

Food and Agriculture Organization (FAO). 2017. *Climate Change Adaptation and Mitigation*. <https://www.fao.org/climate-smart-agriculture-sourcebook/concept/module-a2-adaptation-mitigation/a2-overview/>.

Diakses oleh Desnanda Luklu Chusnia pada 19 April 2024.

Georgieva, K., Gaspar, V., Ceyla Pazarbasioglu. 2022. *Poor and Vulnerable Country Need Support to Adapt to Climate Change*. <https://www.imf.org/en/Blogs/Articles/2022/03/23/blog032322-poor-and->

vulnerable-countris-need-support-to-adapt-to-climate-change. Diakses oleh Desnanda Luklu Chusnia pada 21 April 2024.

- Grigorieva, E., Livenets, A., dan Elena, S. (2023). Adaptation of Agriculture to Climate Change: A Scoping Review. *Climate*, 11(10).
- Harianto, T., & June, T. (2019). Evaluasi Risiko Iklim Wilayah Tembakau di Kabupaten Temanggung. *Jurnal Ilmu Pertanian Indonesia*, 24(3), 215-226.
- Hashemi, S. M., Bagheri, A., & Marshall, N. (2017). Toward Sustainable Adaptation to Future Climate Change: Insights from Vulnerability and Resilience Approaches Analyzing Agrarian System of Iran. *Environment, Development and Sustainability*, 19, 1-25.
- Help Age International. (2023). *Climate Change in an Ageing World*. <https://www.helppage.org/news/climate-change-in-an-ageing-world/>. Diakses oleh Desnanda Luklu Chusnia pada 17 April 2024.
- Herlina, N., Azizah, N., & Pradiga, E. P. (2020). The Influence of Temperature and Rainfall To Tobacco Productivity (*Nicotiana tabacum L*) on Malang District. *Plantropica Journal of Agricultural Science*, 5(1), 52-63.
- Holsten, A., & Kropp, J. P. (2012). An integrated and transferable climate change vulnerability assessment for regional application. *Natural hazards*, 64, 1977-1999.
- Huai, J. (2016). Role of livelihood capital in reducing climatic vulnerability: Insights of Australian wheat from 1990–2010. *PloS one*, 11(3), e0152277.
- Intergovernmental Panel on Climate Change (IPCC). 2018: *Global Warming of 1.5°C. An IPCC Special Report on The Impacts of Global Warming of 1.5°C*. Cambridge, UK and New York, NY, USA: Cambridge University Press.
- Intergovernmental Panel on Climate Change (IPCC). 2014. *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects*. Cambridge, UK and New York, NY; Cambridge University Press.
- Intergovernmental Panel on Climate Change (IPCC). 2007. *Summary for policymakers. Climate change 2007: Impacts, adaptation, and vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Pan*. New York: Cambridge University Press.

- 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.
- Jaya, Aulia R. 2018. "Karakteristik Lahan Sentra Tembakau (*Nicotiana tabacum* L.) Ditinjau dari Fisiografi Lahan di Kabupaten Temanggung Jawa Tengah." *Skripsi*. Malang: Universitas Brawijaya.
- Johnson, F. A., Eaton, M. J., Mikels-Carrasco, J., & Case, D. (2020). Building adaptive capacity in a coastal region experiencing global change. *Ecology & Society*, 25(3).
- Kent State University Libraries. (2024, Juni 14). *SPSS tutorials: Crosstabs*. Diakses pada 28 Juni, 2024, dari <https://libguides.library.kent.edu/SPSS/Crosstabs>.
- Khan, N. A., Gao, Q., Abid, M., & Shah, A. A. (2021). Mapping farmers' vulnerability to climate change and its induced hazards: evidence from the rice-growing zones of Punjab, Pakistan. *Environmental Science and pollution research*, 28, 4229-4244.
- Khan, M. Z., Nawab, K., Ullah, J., Khatam, A., Qasim, M., Ayub, G., & Nawaz, N. (2012). Communication gap and training needs of Pakistan's agricultural extension agents in horticulture. *Sarhad J. Agric*, 28(1), 129-135.
- Kim, J., & Kwon, H. (2022). Calculation of a climate change vulnerability index for Nakdong watersheds considering non-point pollution sources. *Applied Sciences*, 12(9), 4775.
- Khoiruluswati, N.M. 2020. Analisis Variabilitas Curah Hujan Musiman untuk Pola Tanaman Tembakau di Kabupaten Temanggung. *Skripsi*. Yogyakarta: Fakultas Geografi. Universitas Gadjah Mada.
- Komba, C dan Muchapondwa, E. Adaptation to Climate Change by Smallholder Farmers in Tanzania. (2015). *Environment for Development Discussion Paper*. Series June 2015. 15—12.
- Kumar, P., Geneletti, D., & Nagendra, H. (2016). Spatial assessment of climate change vulnerability at city scale: A study in Bangalore, India. *Land Use Policy*, 58, 514-532.

- Kurniasih, D., Syaukat, Y., & Nurmalina, R. (2023). Persepsi Petani terhadap Tingkat Kekritisan Risiko Usahatani Bawang Putih dan Strategi Manajemen Risikonya (Studi Kasus di Kabupaten Temanggung). *Jurnal Penyuluhan*, 19(02), 95-112.
- Le Roux, A., Khuluse-Makhanya, S., Arnold, K., Engelbrecht, F., Paige-Green, P., & Verhaeghe, B. (2019). A Framework for Assessing The Risks and Impacts of Rural Access Roads to a changing climate. *International journal of disaster risk reduction*, 38, 101175.
- Li, Y., Fang, F., Wei, J., Wu, X., Cui, R., Li, G., Tan, D. (2019). Humic Acid Fertilizer Improved Soil Properties and Soil Microbial Diversity of Continuous Cropping Peanut: A Three-year Experiment. *Scientific reports*, 9(1), 12014.
- Martias, L. D. (2021). Statistika deskriptif sebagai kumpulan informasi. *Fihris: Jurnal Ilmu Perpustakaan dan Informasi*, 16(1), 40-59.
- Masruroh, A. 2015. Kontribusi Usaha Tani Tembakau Terhadap Pendapatan Rumah Tangga di Desa Salamrejo Kecamatan Selopampang Kabupaten Temanggung Jawa Tengah. *Skripsi*. Yogyakarta. Fakultas Ekonomi. Universitas Negeri Yogyakarta.
- Maulana, I. F., Sudaryatno, S., & Jatmiko, R. H. (2021). Identifikasi Sebaran Kerentanan Kekeringan Pertanian Menggunakan Analytical Hierarchy Process (AHP) di Kabupaten Temanggung. *Jurnal Teknosains*, 10(2), 125-140.
- Mayasa, A.R. 2020. Tinjauan Hukum Islam Terhadap Perubahan Harga Secara Sepihak oleh “Pengepul” (Studi Kasus pada Jual-Beli Tembakau di Desa Legoksari, Kecamatan Tlogomulyo, Kabupaten Temanggung. *Skripsi*. Yogyakarta: Fakultas Syariah dan Hukum. Universitas Islam Negeri Sunan Kalijaga.
- McNamara, K.E., Clissold, R., Westoby, R., Piggott-McKellar, A.E., Kumar, R., Clarke, T., Namoumou, F., Areki, F., Joseph, E., Warrick, O. and Nunn, P.D. (2020). An assessment of community-based adaptation initiatives in the Pacific Islands. *Nature Climate Change*, 10(7), 628-639.

- Melati, K., & Yuwono, T. (2020). Politik Ekonomi Pertembakauan Di Kabupaten Temanggung Tobacco Political Economy In Temanggung District. *Journal of Politic and Government Studies*, 9(03), 151-160.
- Milison, A. (2018). *Permaculture Design: Tools for Climate Resilience*. Oregon State University.
- Mu, Enrique dan Rojas.P Milagros. 2017. *Practical Decision Making An Introduction to the Analytic Hierarchy Process (AHP) Using Super Decisions v2*. Pittsburgh, PA: Springer.
- Mwanake, H., Mehdi-Schulz, B., Schulz, K., Kitaka, N., Olang, L. O., Lederer, J., & Herrnegger, M. (2023). Agricultural Practices and Soil and Water Conservation in the Transboundary Region of Kenya and Uganda: Farmers' Perspectives of Current Soil Erosion. *Agriculture*, 13(7), 1434.
- Nalau, J dan Becken, S. (2018). *Ecosystem-based Adaptation to Climate Change: Review of Concept*. Queensland, Australia: Griffith Institute for Tourism.
- Nurjani, E., Harini, R., Sekaranom, A. B., & Mutaqqin, A. S. (2020). Tobacco Farmers Perspective Towards Increasing Climate Change Risk on Agriculture Sector: a Case Study of Temanggung-Indonesia. *In IOP Conference Series: Earth and Environmental Science*, 451 (1), 101—121.
- National Integrated Drought Information System (NIDIS). (2024). *Drought Impacts*. <https://www.drought.gov/impacts>. Diakses oleh Desnanda Luklu Chusnia pada 17 April 2024.
- Nurlatifah, A., Hatmaja, R. B., & Rakhman, A. A. (2023). Analisis Potensi Kejadian Curah Hujan Ekstrem di Masa Mendatang Sebagai Dampak dari Perubahan Iklim di Pulau Jawa Berbasis Model Iklim Regional CCAM. *Jurnal Ilmu Lingkungan*, 21(4), 980-986.
- Nurzannah, S. 2021. *Peningkatan Indeks Pertanaman*. Bogor: Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian (BBP2TP).
- Omerkhil, N., Chand, T., Valente, D., Alatalo, J. M., & Pandey, R. (2020). Climate change vulnerability and adaptation strategies for smallholder farmers in Yangi Qala District, Takhar, Afghanistan. *Ecological Indicators*, 110, 105863.



- Organisation for Economic Co-operation and Development (OECD). 2018. *Climate-resilient Infrastructure Policy Perspectives OECD Environment Policy Paper No.14*. Paris: OECD Environment Directorate.
- Pathak, V. M., Verma, V. K., Rawat, B. S., Kaur, B., Babu, N., Sharma, A., dan Cunill, J. M. (2022). Current Status of Pesticide Effects on Environment, Human Health, and It's Eco-Friendly Management as Bioremediation: A Comprehensive Review. *Frontiers in microbiology*, 13, 962619.
- Patil, A., & Lamnganbi, M. (2018). Impact of Climate Change on Soil Health: A Review. *Int. J. Chem. Stud*, 6(3), 2399-2404.
- PUDAM Tirta Agung Temanggung. (2022). *Sumber Mataair PDAM Tirta Agung Kabupaten Temanggung Berdasarkan Laporan Tahunan 2022*. <https://pdamtemanggung.com/profil-sekolah-37-sumber-mata-air-pdam-tirta-agung-temanggung.html> Diakses oleh Desnanda Luklu Chusnia pada 14 Februari 2024.
- Purwanti, T. S., Syafrial, S., Huang, W. C., Hartono, B., Rahman, M. S., & Putritamara, J. A. (2023). Understanding Farmers' Adaptation to Climate Change: A Protection Motivation Theory Application. *Cogent Social Sciences*, 9(2), 2282210.
- Pigawati, B., & Junjungan, R. C. (2021). Pengaruh Cash Crops Terhadap Temperatur Permukaan Lahan Kawasan Perkotaan Kabupaten Temanggung. *Jurnal Ilmu Tanah dan Lingkungan*, 23(1), 22-27.
- Prasetyo, A., Djajadi, D., & Sudarto, S. (2016). Kajian Produktivitas dan Mutu Tembakau Temanggung Berdasarkan Nilai Indeks Erodibilitas dan Kepadatan Tanah. *Jurnal Tanah dan Sumberdaya Lahan*, 3(2), 389-399.
- Prasetyo, D. 2018. Analisis Pendapatan Petani Tembakau di Kabupaten Temanggung. *Skripsi*. Magelang. Fakultas Ekonomi. Universitas Tidar.
- Prasetyo, A., & Samudro, B. R. (2023). Tinjauan Perspektif Ekonomi Politik dalam Tata Niaga Tembakau. *Salam (Islamic Economics Journal)*, 4(1), 49-61.
- Rajmohan, K. S., Chandrasekaran, R., & Varjani, S. (2020). A Review on Occurrence of Pesticides in Environment and Current Technologies for Their



- Remediation and Management. *Indian journal of microbiology*, 60(2), 125-138.
- Rao, C. R., Raju, B. M. K., Rao, A. S., Rao, K. V., Rao, V. U. M., Ramachandran, K., Venkateswarlu, B., Sikka, A., Rao, M.S., Maheswari, M., & Rao, C. S. (2016). A district level assessment of vulnerability of Indian agriculture to climate change. *Current Science*, 1939-1946.
- Resurreccion, A. (2023). Crop Switching as Climate Change Adaptation Strategy of Farmers in the Province of Batangas. *WIMAYA*, 4(2), 81-93.
- Ruamsuke, K., Dhakar, S., Marpaung, C.O.P., 2015. Energy and Economic Impacts of The Global Climate Change Policy on Southeast Asian Countries: a General Equilibrium Analysis. *Energy*. (81), 446–461.
- Rofik, A., Sudarto, S., & Djajadi, D. (2019). Analisis dan Evaluasi Sifat Kimia Tanah pada Lahan Tembakau Varietas Kemloko di Sentra Tembakau Kabupaten Temanggung, Jawa Tengah. *Jurnal Tanah dan Sumberdaya Lahan*, 6(2), 1427-1440.
- Rogge, N. (2018). Composite Indicators as Generalized Benefit-of-the-doubt Weighted Averages. *European Journal of Operational Research*, 267(1), 381-392.
- Roy, J., P. Tschakert, H. Waisman, S. Abdul Halim, P. Antwi-Agyei, P. Dasgupta, B. Hayward, M. Kanninen, D. Liverman, C. Okereke, P.F. Pinho, K. Riahi, and A.G. Suarez Rodriguez. 2018. Sustainable Development, Poverty Eradication and Reducing Inequalities. dalam Masson-Delmotte, V., P. Zhai, H.-O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J.B.R. Matthews, Y. Chen, X. Zhou, M.I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, T. Waterfield. 2018. *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty*. Geneva: IPCC.

- Ruslana, Z. N. (2022). Penerapan Sekolah Lapang Iklim Operasional Di Desa Legoksari, Kecamatan Tlogomulyo Kabupaten Temanggung. *Jurnal Pengabdian Kepada Masyarakat Meteorologi Klimatologi Geofisika dan Instrumentasi*, 1(2).
- Saaty, T.L. 2012. *Decision Making for Leaders: The Analytic Hierarchy Process for Decisions in a Complex World. Third Revised Edition*. Pittsburgh: RWS Publication.
- Salman, D., Yassi, A., & Bahsar-Demmallino, E. (2022). Climate Change Impacts and The Rice Farmers' Responses at Irrigated Upstream and Downstream in Indonesia. *Heliyon*, 8(12).
- Saputri, Ani. 2017. "Kajian Karakteristik Lahan Tembakau (*Nicotiana tabacum*) Varietas Kemloko di Kabupaten Temanggung". *Skripsi*. Malang: Universitas Brawijaya.
- Sathyan, R. A., Funk, C., Aenis, T. (2018). Sensitivity Analysis of a Climate Vulnerability Index - A Case Study from Indian Watershed Development Programmes. *Clim Chang Responses*, 5(1).
- Schipper, E. L. F. (2020). Maladaptation: When Adaptation to Climate Change Goes Very Wrong. *One Earth*, 3(4), 409-414.
- Schipper, E.L.F., A. Revi, B.L. Preston, E.R. Carr, S.H. Eriksen, L.R. Fernandez-Carril, B.C. Glavovic, N.J.M. Hilmi, D. Ley, R. Mukerji, M.S. Muylaert de Araujo, R. Perez, S.K. Rose, and P.K. Singh, 2022. *Climate Resilient Development Pathways*. dalam H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Mintenbeck, A. Alegría, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Okem, B. Rama. 2022. *Climate Change 2022: Impacts, Adaptation and Vulnerability*. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press: Cambridge, UK dan New York, NY, USA.
- Sendhil, R., Jha, A., Kumar, A., & Singh, S. (2018). Extent of vulnerability in wheat producing agro-ecologies of India: Tracking from indicators of cross-section and multi-dimension data. *Ecological Indicators*, 89, 771-780.

- Serra, V., Ledda, A., Ruiu, M. G. G., Calia, G., & De Montis, A. (2022). Integrating Adaptation to Climate Change into Sustainable Development Policy and Planning. *Sustainability*, 14(13), 7634.
- Shapiro, A. F., & Koissi, M. C. (2017). Fuzzy logic modifications of the analytic hierarchy process. *Insurance: Mathematics and Economics*, 75, 189-202.
- Shofiyuddin, F. Y. I., Hastuti, D., Awami, S. N., & Subantoro, R. (2023). Komparasi Pendapatan Petani Sebelum Dan Setelah Perubahan Tarif Cukai Hasil Tembakau (Kasus Di Desa Tlilir Kecamatan Tlogomulyo Kabupaten Temanggung). *Jurnal Penelitian Agrisamudra*, 10(1), 33-41.
- Sibiya, N., Sithole, M., Mudau, L., & Simatele, M. D. (2022). Empowering the voiceless: Securing the participation of marginalised groups in climate change governance in South Africa. *Sustainability*, 14(12), 7111.
- Stout, S., Lee Nathan., J.Elsworth., Jeniffer, L. 2019. *Power Sector Resilience Planning Guidebook*. United States: United States Agency for International Development.
- Sumaryana, H., Buchori, I., & Sejati, A. W. (2022). Dampak perubahan tutupan lahan terhadap suhu permukaan di Perkotaan Temanggung: Menuju realisasi program infrastruktur hijau. *Majalah Geografi Indonesia*, 36(1), 68.
- Susilowati, F., & MM, L. S. S. (2018). Probability of Crop Failure due to Climate Change, Study of Tobacco Plant Commodities in Temanggung. *Journal of Applied Economics in Developing Countries*, 2(2).
- Susilowati, F., & Suryanto, U. S. M. (2018). Manajemen Risiko Melalui Adaptasi Petani Tembakau Menghadapi Perubahan Iklim Di Kabupaten Temanggung. *Region*, 13(2).
- Sustainable Landscape. 2018. *Coffee Agroforestry: When Economic Development "Makes Peace" with the Environment*. <https://www.sustainable-landscape.org/berita-detail.php?id=49&lang=english>. Diakses oleh Desnanda Luklu Chusnia pada 27 April 2024.
- Suyana, J. (2018). Perencanaan Usaha Tani Lahan Kering Berkelanjutan Berbasis Tembakaudi Sub-DAS Progo Hulu (Kabupaten Temanggung, Provinsi Jawa Tengah). *Disertasi*. Bogor: Pertanian. Institut Pertanian Bogor (IPB).

- Szendrő, G., Csete, M., & Török, Á. (2014). The sectoral adaptive capacity index of Hungarian road transport. *Periodica Polytechnica-Social and Management Sciences*, 22(2), 99-106.
- Teknomo, Kardi. (2012). *Analytic Hierarchy Process Tutorial*. Rovoledu.com.  
Diakses oleh Desnanda Luklu Chusnia pada 15 April 2024.
- Telbisz, T., Bottlik, Z., Mari, L., & Kőszegi, M. (2014). The impact of topography on social factors, a case study of Montenegro. *Journal of Mountain Science*, 11, 131-141.
- Terton, A., Qi, Jeffret., dan Gino, Z. 2022. *Promoting Synergies Between Climate Change Adaptation and Biodiversity Through the National Adaptation Plan and National Biodiversity Strategy and Action Plan Processes*. United Nations Framework Convention on Climate Change (UNFCCC): New York.
- Tofu, D. A., Woldeamanuel, T., & Haile, F. (2022). Smallholder Farmers Vulnerability and Adaptation to Climate Change Induced Shocks: The Case of Northern Ethiopia Highlands. *Journal of Agriculture and Food Research*, (8), 1—10.
- Tran, T. A., James, H., & Nhan, D. K. (2019). Effects of social learning on rural farmers' adaptive capacity: empirical insights from the Vietnamese Mekong Delta. *Society & Natural Resources*, 33(9), 1053-1072.
- Trinh, T.Q., Ranola Jr.,R.F. Camacho, L.D., Simelton, E. (2018). Determinants of Farmers Adaptation to Climate Change in Agricultural Production in the Central Region of Vietnam. *Land Use Policy*, (70), 224—231.
- Truong, P. M., Le, N. H., Hoang, T. H. D., Nguyen, T. K. T., Nguyen, T. D., Kieu, T. K., ... & Tran, T. A. (2023). Climate Change Vulnerability Assessment Using GIS and Fuzzy AHP on an Indicator-Based Approach. *International Journal of Geoinformatics*, 19(2), 39-53.
- Tudi, M., Daniel Ruan, H., Wang, L., Lyu, J., Sadler, R., Connell, D., & Phung, D. T. (2021). Agriculture Development, Pesticide Application and Its Impact on The Environment. *International journal of environmental research and public health*, 18(3), 1112.

- Turner, D. P. (2020). *Sampling Methods in Research Design. Headache: The Journal of Head and Face Pain*, 60(1), 8–12. doi:10.1111/head.13707
- United States Agency for International Development (USAID). 2016. *Climate Vulnerability Assessment: An Annex to the USAID Climate-Resilient Development Framework*. Alexandria: USAID.
- United States Agency for International Development (USAID). 2022. *Climate Adaptation and Resilience for Food and Water Security*. <https://www.usaid.gov/sites/default/files/2022-05/Climate-Adaptation-for-Food-Water-Security.pdf>. Diakses oleh Desnanda Luklu Chusnia pada 27 April 2024.
- United Nations. (2024). *High Level Panel on The Development of a Multidimensional Vulnerability Index*. [https://www.un.org/ohrlls/sites/www.un.org.ohrlls/files/final\\_mvi\\_report\\_1.pdf](https://www.un.org/ohrlls/sites/www.un.org.ohrlls/files/final_mvi_report_1.pdf) Diakses oleh Desanda Luklu Chusnia pada 27 Juni 2024.
- United Nations International Strategy for Disaster Reduction (UNISDR). 2009. *UNISDR Terminology on Disaster Risk Reduction*. Geneva: UNISDR.
- United Nations Framework Convention on Climate Change (UNFCCC). 1992. *United Nations Framework Convention on Climate Change: Text*, Geneva: UNEP/WMO Information Unit on Climate Change.
- Wang, J., He, G., Fang, H., & Han, Y. (2020). Climate Change Impacts on The Topography and Ecological Environment of The Wetlands in The Middle Reaches of The Yarlung Zangbo-Brahmaputra River. *Journal of Hydrology*, 590, 125419.
- Wirehn, Lotten. 2018. *Climate vulnerability assessment methodology*. Linköping, Sweden: LiU-Tryck.
- Wouterse, F. (2018). Empowerment, climate change adaptation and agricultural production: evidence from Niger. *Climate Change*, 145, 61-79.
- World Bank. (2020). *Understanding People's Perspective on Identification: A Qualitative Research Toolkit*. Washington, DC: World Bank License: Creative Commons Attribution 3.0 IGO (CC BY 3.0 IGO).

- World Economic Forum. (2024). *Why small-scale farmers can teach us a lot about climate change*. <https://www.weforum.org/agenda/2024/02/small-scale-farmers-climate-change/>. Diakses oleh Desnanda Luklu Chusnia pada 18 April 2024.
- Wu, W., Tang, X. P., Yang, C., Liu, H. B., & Guo, N. J. (2013). Investigation of Ecological Factors Controlling Quality of Flue-cured Tobacco (*Nicotiana tabacum* L.) Using Classification Methods. *Ecological Informatics*, 16(1), 53—61.
- Yusmita, D., Astari, S. (2020). Green Tobacco Sickness in Tobacco Harvesters. *Jurnal Ilmiah Kesehatan Sandi Husada*, 9(2), 767-772.
- Yusup, F. (2018). Uji validitas dan reliabilitas instrumen penelitian kuantitatif. *Tarbiyah: Jurnal Ilmiah Kependidikan*, 7(1).