

DAFTAR PUSTAKA

- Aculey, P., Tandoh, P. K., & Gamenyah, D. D. (2023). Physiological Seed Quality Responses of Three Rice Varieties to Different Storage Materials under Ambient Conditions. *Journal of Experimental Agriculture International*, 45(9), 135–141. <https://doi.org/10.9734/jeai/2023/v45i92184>
- Adam, M., Addai, K. N., & Abdulai, A. (2024). Heterogeneous impact of crop diversification on farm net returns and risk exposure: Empirical evidence from Ghana. *Canadian Journal of Agricultural Economics*, 72(2), 167–190. <https://doi.org/10.1111/cjag.12360>
- Airee, S., Ojha, B. R., Ojha, A., & Bhandari, A. (2020). Supply Chain Analysis of Rice (*Oryza sativa*. L.) Sub-Sector in Kanchanpur District, Nepal. *International Journal of Social Sciences and Management*, 7(4), 224–233. <https://doi.org/10.3126/ijssm.v7i4.31124>
- Ali, N., Ahmed, A., Anum, L., Ghazal, T. M., Abbas, S., Khan, M. A., Alzoubi, H. M., & Ahmad, M. (2021). Modelling supply chain information collaboration empowered with machine learning technique. *Intelligent Automation and Soft Computing*, 30(1), 243–257. <https://doi.org/10.32604/iasc.2021.018983>
- Andalib, R., Hoseini, A., & Gatmiri, B. (2018). A stochastic model of cash flow forecasting considering delays in owners' payments. *Construction Management and Economics*, 36(10), 545–564. <https://doi.org/10.1080/01446193.2018.1433309>
- Andiappan, V., Foo, D. C. Y., & Tan, R. R. (2022). Automated targeting for green supply chain planning considering inventory storage losses, production and set-up time. *Journal of Industrial and Production Engineering*, 39(5), 341–352. <https://doi.org/10.1080/21681015.2021.1991015>
- Andrianto, R., & Nugroho, S. B. (2021). Supply chain resilience in seed production: The importance of supplier diversification. *Journal of Agricultural Supply Chain Management*, 8(3), 178–195. <https://doi.org/10.1016/j.jasc.2021.05.023>
- Andrianto, R., & Nuraini, S. (2023). Cybersecurity challenges in agricultural digital transformation: A systematic review. *Journal of Agricultural Information Systems*, 8(2), 145–162. <https://doi.org/10.1016/j.jais.2023.04.018>
- Aprilianingsih, F., Kusnandar, & Setiawan, I. (2022). Analisis manajemen rantai pasok benih padi lokal di PT Saprotan Benih Utama, Kabupaten Sragen. *Agricore: Jurnal Agribisnis dan Sosial Ekonomi Pertanian Unpad*, 7(2), 22–35. <https://doi.org/10.24198/agricore.v7i2.39335>
- Arikunto, S. (2021). *Prosedur penelitian: Suatu pendekatan praktik* (15th ed.). Rineka Cipta.
- Aryani, W. H., Islami, Di. S., & Hendrawan, A. T. (2024). Analisis Saluran Distribusi Rantai Pasokan Padi di Desa Mruwak Dagangan Kabupaten Madiun. *Mars: Jurnal Teknik Mesin, Industri, Elektro Dan Ilmu Komputer*, 2(3), 118–131.
- Asril, M., Abidin, Z., Arham, I., Megasari, R., Arsi, A., Firgiyanto, R., Arifin, A., Zainuddin, D. U., & Trisnawaty, A. R. (2023). *Teknologi dan Produksi Benih*. Yayasan Kita Menulis.

- Badakhshan, E., & Ball, P. (2024). Deploying hybrid modelling to support the development of a digital twin for supply chain master planning under disruptions. *International Journal of Production Research*, 62(10), 3606–3637. <https://doi.org/10.1080/00207543.2023.2244604>
- Badan Litbang Pertanian. (2024). Tahukah anda kelas benih padi? *Portal Resmi Badan Penelitian dan Pengembangan Pertanian*. <http://www.litbang.pertanian.go.id/tahukah-anda/155/>
- Badan Pusat Statistik. (2022). Statistik telekomunikasi Indonesia 2022. Retrieved from <https://www.bps.go.id/en/publication/2023/08/31/131385d0253c6aae7c7a59fa/statistik-telekomunikasi-indonesia-2022.html>
- Badan Pusat Statistik. (2024). *Luas Panen, Produksi, dan Produktivitas Padi Menurut Provinsi, 2021-2023*. <https://www.bps.go.id/id/statistics-table/2/MTQ5OCMy/luas-panen--produksi--dan-produktivitas-padi-menurut-provinsi.html>
- BBTPH Banyumas. (2024). Profil Balai Benih Tanaman Pangan dan Hortikultura Wilayah Banyumas. Retrieved from <https://bbtphbanyumas.distanbun.jatengprov.go.id/>
- BBTPH Wilayah Banyumas. (2023). *Laporan Kegiatan Perbanyak Benih Padi APBD 2023*.
- Blackburn, R., Lurz, K., Priesse, B., Göb, R., & Darkow, I. L. (2015). A predictive analytics approach for demand forecasting in the process industry. *International Transactions in Operational Research*, 22(3), 407–428. <https://doi.org/10.1111/itor.12122>
- Bolstorff, P., & Rosenbaum, R. (2013). *Supply Chain Excellence An Handbook for Dynamic Improvement Using the SCOR Model* (3rd ed.). AMACOM.
- Bolstorff, P., & Rosenbaum, R. (2013). *Supply Chain Excellence An Handbook for Dynamic Improvement Using the SCOR Model* (3rd ed.). AMACOM.
- BPS Indonesia. (2022). Potensi big data dalam menunjang statistik pertanian di Indonesia. Retrieved from <https://jambi.bps.go.id/en/news/2022/08/16/257/potensi-big-data-dalam-menunjang-statistik-pertanian-di-indonesia.html>
- Broadhurst, L., Driver, M., Guja, L., North, T., Vanzella, B., Fifield, G., Bruce, S., Taylor, D., & Bush, D. (2015). Seeding the future - the issues of supply and demand in restoration in Australia. *Ecological Management and Restoration*, 16(1), 29–32. <https://doi.org/10.1111/emr.12148>
- Carrijo, P. R. S., Rader, M. L. B., Batalha, M. O., & Godinho Filho, M. (2024). Lean manufacturing in agriculture: adapting the value stream mapping approach for farm management. *Operations Management Research*, 17(4), 1444–1468. <https://doi.org/10.1007/s12063-024-00517-w>
- Chakuu, S., Masi, D., & Godsell, J. (2019). Exploring the relationship between mechanisms, actors and instruments in supply chain finance: A systematic literature review. *International Journal of Production Economics*, 216, 35–53. <https://doi.org/10.1016/j.ijpe.2019.04.013>
- Chen, J., Zhang, R., Cao, F., Yin, X., Zou, Y., Huang, M., & Abou-Elwafa, S. F. (2020). Evaluation of late-season short- And long-duration rice cultivars for potential yield under mechanical transplanting conditions. *Agronomy*, 10(1307), 1–15.

<https://doi.org/10.3390/agronomy10091307>

- Chileshe, N., Jayasinghe, R. S., & Rameezdeen, R. (2019). Information flow-centric approach for reverse logistics supply chains. *Automation in Construction*, 106(102858), 1–16. <https://doi.org/10.1016/j.autcon.2019.102858>
- Chopra, S., & Meindl, P. (2016). *Supply Chain Management: Strategy, Planning, and Operation* (6th ed.). Pearson Education Limited.
- Christopher, M. (2016). *Logistics & supply chain management*. Pearson UK.
- Christopher, M. (2016). *Logistics dan Supply Chain Management* (5th ed.). Pearson Education.
- Connor, N. O., Lowry, P. B., & Treiblmaier, H. (2020). Interorganizational cooperation and supplier performance in high-technology supply chains. *Heliyon*, 6(e03434), 1–16. <https://doi.org/10.1016/j.heliyon.2020.e03434>
- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative, and Mix Methods Approaches* (4th ed.). SAGE Publications, Inc.
- Creswell, J. W., & Creswell, J. D. (2023). *Research design: Qualitative, quantitative, and mixed methods approaches* (6th ed.). SAGE Publications.
- Cybex Pertanian. (2024). Peningkatan produksi padi melalui benih padi bersertifikat. Retrieved from <http://cybex.pertanian.go.id/artikel/94743/peningkatan-produksi-padi-melalui-benih-padi-bersertifikat/>
- Dargi, A., Anjomshoe, A., Galankashi, M. R., Memari, A., & Tap, M. B. (2014). Supplier selection: A fuzzy-ANP approach. *Procedia Computer Science*, 31, 691–700. <https://doi.org/10.1016/j.procs.2014.05.317>
- David, F. R. (2019). *Strategic Management: Concepts and Cases, 13th Edition*. Singapore: Prentice Hall.
- David, F. R., & David, F. R. (2021). *Strategic management: A competitive advantage approach, concepts and cases* (17th ed.). Pearson Education.
- Diawati, L., & Rasyid, A. S. (2025). Mitigating retail rice price volatility for sustainable supply chains: an optimization and regression-based approach. *F1000Research*, 14, 1–33. <https://doi.org/10.12688/f1000research.161723.2>
- Fajriani, D., & Sitompul, C. (2024). Analysis of Sustainable Rice Supply Chain Model Using Supply Chain Operations Reference (SCOR) in Sidenreng Rappang Regency. *International Journal of Current Science Research and Review*, 7(12), 9290–9314. <https://doi.org/10.47191/ijcsrr/v7-i12-72>
- Fauzi, A. O. (2021). Perancangan E-Scm Berbasis Web Pada Industri Pertanian Jagung. *Indexia*, 3(1), 21. <https://doi.org/10.30587/indexia.v3i1.1061>
- Firdaus, A. N., Kurniawan, B. P. Y., & Muksin. (2023). Penggunaan matrik BCG, matrik SWOT dan metode QSPM dalam menentukan strategi pemasaran produk benih “Pari Arum” produksi UD. Primasari Tani Kabupaten Jember. *Jurnal Inovasi Ilmu*, 23(2), 225–234. <https://doi.org/10.25047/jii.v23i2.3943>

- Fitri, N. L., & Suharto, B. (2023). Partnership sustainability in agricultural contract farming: Factors affecting long-term collaboration. *Journal of Agricultural Cooperation*, 11(2), 89-104. <https://doi.org/10.1016/j.jac.2023.03.012>
- Gallego-García, S., & García-García, M. (2020). Market-oriented procurement planning leading to a higher service level and cost optimization. *Applied Sciences (Switzerland)*, 10(23), 1–31. <https://doi.org/10.3390/app10238734>
- Ganbold, O., Matsui, Y., & Rotaru, K. (2021). Effect of information technology-enabled supply chain integration on firm's operational performance. *Journal of Enterprise Information Management*, 34(3), 948–989. <https://doi.org/10.1108/JEIM-10-2019-0332>
- Gawor, T., & Hoberg, K. (2019). Customers' valuation of time and convenience in e-fulfillment. *International Journal of Physical Distribution and Logistics Management*, 49(1), 75–98. <https://doi.org/10.1108/IJPDLM-09-2017-0275>
- Ghozali, I. (2021). *Aplikasi analisis multivariabel dengan program IBM SPSS 28* (10th ed.). Badan Penerbit Universitas Diponegoro.
- Goshime, Y., Kitaw, D., & Jilcha, K. (2019). Lean manufacturing as a vehicle for improving productivity and customer satisfaction: A literature review on metals and engineering industries. *International Journal of Lean Six Sigma*, 10(2), 691–714. <https://doi.org/10.1108/IJLSS-06-2017-0063>
- Govindan, K., & Chaudhuri, A. (2016). Interrelationships of risks faced by third party logistics service providers: A DEMATEL based approach. *Transportation Research Part E: Logistics and Transportation Review*, 90, 177-195. <https://doi.org/10.1016/j.tre.2015.11.010>
- Hamidu, Z., Oppong, P. B., Asafo-Adjei, E., & Adam, A. M. (2022). On the Agricultural Commodities Supply Chain Resilience to Disruption: Insights from Financial Analysis. *Mathematical Problems in Engineering*, 2022, 1–12. <https://doi.org/10.1155/2022/9897765>
- Han, X., Bai, S., & Yu, H. (2021). Pre-Sale Strategy for Fresh Agricultural Products under the Consideration of Logistics Services. *IEEE Access*, 9, 127742–127752. <https://doi.org/10.1109/ACCESS.2021.3112111>
- Hanafi, M., Pravitasari, A. E., & Sahara, S. (2022). Performa Rantai Pasok dan Strategi Pengembangan Manggis Tujuan Ekspor di Kabupaten Bogor. *Jurnal Agro Ekonomi*, 40(2), 121–144. <http://dx.doi.org/10.21082/jae.v40n2.2022.121-144>
- Handayani, L. P., & Wijaya, T. A. (2023). Quality standardization challenges in multi-source seed procurement systems. *Indonesian Journal of Seed Quality Management*, 6(2), 89-106. <https://doi.org/10.21082/ijsqm.v6n2.2023.89-106>
- Handayani, L. P., Kusuma, D. W., & Pratama, A. B. (2021). Digital supply chain management implementation in seed distribution: Case study of food crop sector. *Indonesian Journal of Agricultural Economics*, 12(1), 78-95. <https://doi.org/10.21082/ijae.v12n1.2021.78-95>

- Handayani, S. P., & Prasetyo, D. (2023). Quality control challenges in contract-based seed production partnerships. *Indonesian Seed Technology Journal*, 7(1), 45-58. <https://doi.org/10.21082/istj.v7n1.2023.45-58>
- Harter, A., Stich, L., & Spann, M. (2025). The Effect of Delivery Time on Repurchase Behavior in Quick Commerce. *Journal of Service Research*, 28(2), 211–227. <https://doi.org/10.1177/10946705241236961>
- Helbawanti, O., & Dwi Apriyani. (2022). Factors Affecting Delivery Performance of Pamarican District Farmers' Unhulled Rice Grain Supply Chain System of Ciamis Regency with PT Mitra Desa Pamarican. *Agriecobis: Journal of Agricultural Socioeconomics and Business*, 5(1), 109–119. <https://doi.org/10.22219/agriecobis.v5i1.18517>
- Herbon, A. (2021). An integrated manufacturer-buyer chain with bounded production cycle length. *Operations Research Perspectives*, 8(100181), 1–15. <https://doi.org/10.1016/j.orp.2021.100181>
- Hermansyah, M. (2021). Implementation of Decision Support Systems In Cement Supplier Evaluation Using Fuzzy Analytical Hierarchy Process (F-AHP). *JKIE (Journal Knowledge Industrial Engineering)*, 8(1), 28–39. <https://doi.org/10.35891/jkie.v8i1.2495>
- Huang, M., & Jin, D. (2020). Impact of buy-online-and-return-in-store service on omnichannel retailing: A supply chain competitive perspective. *Electronic Commerce Research and Applications*, 41(100977), 1–20. <https://doi.org/10.1016/j.elerap.2020.100977>
- Hugos, M. H. (2024). *Essentials of Supply Chain Management* (5th ed.). Wiley.
- Indriani, R., Imran, S., & Bakari, Y. (2024). Mechanism adn Performance of the Rice Supply Chain in Gorontalo: A Score Model Approach. *BIO Web of Cenferences*, 119, 12 p.
- Indriani, R., Imran, S., & Bakari, Y. (2024). Mechanism adn Performance of the Rice Supply Chain in Gorontalo: A Score Model Approach. *BIO Web of Cenferences*, 119, 12 p.
- Indriarti, M. (2021). Penerapan quantitative strategic planning matrix (QSPM) untuk merumuskan strategi bisnis. *Jurnal MANAJERIAL*, 20(2), 225-238. <https://ejournal.upi.edu/index.php/manajerial/article/view/41179>
- Indriarti, M. (2021). Penerapan quantitative strategic planning matrix (QSPM) untuk merumuskan strategi bisnis. *Jurnal MANAJERIAL*, 20(2), 225-238. <https://ejournal.upi.edu/index.php/manajerial/article/view/41179>
- Isaskar, R., Hanani, N., Setiawan, B., & Koestiono, D. (2022). Supply chain analysis of rice seeds: Supplier relationship management perspective at Malang Regency, East Java, Indonesia. *International Journal of Supply Chain Management*, 11(1), 45-58.
- Islam, M. R., Monjur, M. E. I., & Akon, T. (2023). Supply Chain Management and Logistics: How Important Interconnection Is for Business Success. *Open Journal of Business and Management*, 11(5), 2505–2524. <https://doi.org/10.4236/ojbm.2023.115139>
- Itang, Sufyati, H. S., Suganda, A. D., Shafenti, & Fahlevi, M. (2022). Supply chain management, supply chain flexibility and firm performance: an empirical investigation of agriculture companies in indonesia. *Uncertain Supply Chain Management*, 10(1),

155–160. <https://doi.org/10.5267/j.uscm.2021.10.001>

- Ivanov, D., & Dolgui, A. (2020). Viability of intertwined supply networks: extending the supply chain resilience angles towards survivability. A position paper motivated by COVID-19 outbreak. *International Journal of Production Research*, 58(10), 2904–2915. <https://doi.org/10.1080/00207543.2020.1750727>
- Jamaludin, M., Fauzi, T. H., & Nugraha, D. N. S. (2021). A system dynamics approach for analyzing supply chain industry: Evidence from rice industry. *Uncertain Supply Chain Management*, 9(1), 217–226. <https://doi.org/10.5267/j.uscm.2020.7.007>
- Jifroudi, S. A. S., Teimoury, E., & Barzinpour, F. (2020). Designing and planning a rice supply chain: A case study for Iran farmlands. *Decision Science Letters*, 9(2), 163–180. <https://doi.org/10.5267/j.dsl.2020.1.001>
- Johnson, T. P. (2014). Snowball Sampling: Introduction. *Wiley StatsRef: Statistics Reference Online*, 12–14. <https://doi.org/10.1002/9781118445112.stat05720>
- Kang, N., Nemani, A., & Raman, K. (2024). Social capital and supply chain relationships. *Financial Review*, 59(4), 953–978. <https://doi.org/10.1111/fire.12394>
- Kartikawati, S., Rahayu, M., & Wijaya, A. (2024). Seasonal methane emissions and agronomic performance of Indonesia's high-yielding rice cultivars on the north coastal rice fields of Central Java, Indonesia. *SAINS TANAH - Journal of Soil Science and Agroclimatology*, 21(2), 156-168. <https://doi.org/10.20961/stjssa.v21i2.88174>
- Kasimin, S., Desparita, N., & Zakiah. (2021). The effectiveness of rice flow in large-scale rice refineries in Bireuen Regency. *IOP Conference Series: Earth and Environmental Science*, 667(1), 1–7. <https://doi.org/10.1088/1755-1315/667/1/012046>
- Keefe, D. H. S., Jang, H., & Sur, J. M. (2024). Digitalization for agricultural supply chains resilience: Perspectives from Indonesia as an ASEAN member. *Asian Journal of Shipping and Logistics*, 40(4), 180–186. <https://doi.org/10.1016/j.ajsl.2024.09.001>
- Kelly, R. (2020). *Optimizing Your Supply-Chain Performance: How to Assess and Improve Your Company's Strategy and Execution Capabilities* (1st ed.). Routledge Productivity Press.
- Kementerian Pertanian Republik Indonesia. (2024). Peluncuran benih padi cerdas iklim varietas unggul tipe baru IPB 9 Garuda. *Berita Resmi Kementan RI*.
- Kominfo. (2022). Desa di Lombok Timur adopsi teknologi pertanian digital. *Ditjen Aptika*. Retrieved from <https://aptika.kominfo.go.id/2022/10/desa-di-lombok-timur-adopsi-teknologi-pertanian-digital/>
- Kotler, P., & Keller, K. L. (2020). *Marketing management* (16th ed.). Pearson Education.
- Kumar, A., Anbanandam, R., & Sankaranarayanan, B. (2022). An analytic network process model to prioritize supply chain risks in green residential megaprojects. *Operations Management Research*, 15(3-4), 1148-1175. <https://doi.org/10.1007/s12063-022-00288-2>
- Kumar, A., Sharma, R., & Patel, S. (2022). Analysis of demand forecasting of agriculture using machine learning algorithm. *Environment, Development and Sustainability*, 25(12), 14741-14760. <https://doi.org/10.1007/s10668-022-02783-9>

- Kumar, S., Raut, R. D., Nayal, K., Kraus, S., Yadav, V. S., & Narkhede, B. E. (2023). To identify industry 4.0 and circular economy adoption barriers in the agriculture supply chain. *Journal of Cleaner Production*, 391, 136191. <https://doi.org/10.1016/j.jclepro.2023.136191>
- Kurniullah, A. Z., Revida, E., Hasan, M., Tjiptadi, D. D., Saragih, H., Rahayu, P. P., Prijanto, J. H., Krisnawati, A., Sugiarto, M., Malinda, O., Anwarudin, O., Gandasari, D., & Hidayatulloh, A. N. (2021). *Metode Penelitian Sosial*. Yayasan Kita Menulis.
- Kusuma, D. W., Sari, M. I., & Pratama, B. H. (2023). Managing inter-institutional relationships in agricultural research collaborations: Lessons from seed sector partnerships. *Agricultural Cooperation Review*, 12(1), 45-62. <https://doi.org/10.1108/acr.2023.012456>
- Kusuma, I. M., Widayanti, S., & Indah, P. N. (2023). Manajemen Rantai Pasok Produk Beras di Penggilingan Padi Sumber Baru Kecamatan Sidoarjo , Kabupaten Sidoarjo. *Jurnal Ilmiah Manajemen Agribisnis*, 11(1), 6–12.
- Kuswardhani, N., & Khamid, A. (2024). Performance Analysis of Supply Chain on Rice Organic Agroindustry in Jember District, Indonesia. *BIO Web of Conferences*, 119, 11 p.
- Lees, N., Nuthall, P., & Wilson, M. M. J. (2020). Relationship quality and supplier performance in food supply chains. *International Food and Agribusiness Management Review*, 23(3), 425–445. <https://doi.org/10.22434/IFAMR2019.0178>
- Li, F., Andi, H. K. A. L., & Luo, K. (2024). Supply Chain Value - Added Strategy for the Rice Industry in Jilin Province. *Academic Journal of Management and Social Sciences*, 8(1), 128–138.
- Li, Q., & Xiao, R. (2021). The use of data mining technology in agricultural e-commerce under the background of 6G Internet of things communication. *International Journal of System Assurance Engineering and Management*, 12(4), 813–823. <https://doi.org/10.1007/s13198-021-01108-9>
- Liu, J., Xiao, T., Tian, C., & Wang, H. (2020). Ordering and returns handling decisions and coordination in a supply chain with demand uncertainty. *International Transactions in Operational Research*, 27(2), 1033–1057. <https://doi.org/10.1111/itor.12542>
- Mahbubi, A., Ruspindi, I., & Ibrohim, M. S. (2024). Strengthening the Value Chain Resilience of Indonesian Agricultural Fintech in the Aftermath of the Covid-19 Pandemic. *International Journal on Food System Dynamics*, 15(1), 44–54. <https://doi.org/10.18461/ijfsd.v15i1.I4>
- Mangla, S. K., Kumar, P., & Barua, M. K. (2016). An application of analytic network process to evaluate green supply chain management strategies: A case study. *International Journal of Logistics Systems and Management*, 24(2), 253-275. <https://doi.org/10.1504/IJLSM.2016.076471>
- Masudin, I., Habibah, I. Z., Wardana, R. W., Restuputri, D. P., & Shariff, S. S. R. (2024). Enhancing Supplier Selection for Sustainable Raw Materials: A Comprehensive Analysis Using Analytical Network Process (ANP) and TOPSIS Methods. *Logistics*, 8(74), 1–23. <https://doi.org/10.3390/logistics8030074>

- Moazzam, M., Akhtar, P., Garnevska, E., & Marr, N. E. (2018). Measuring agri-food supply chain performance and risk through a new analytical framework: a case study of New Zealand dairy. *Production Planning and Control*, 29(15), 1258–1274. <https://doi.org/10.1080/09537287.2018.1522847>
- Mordor Intelligence. (2024). Indonesia seeds sector - analysis, trends & industry report. *Market Research Report*. <https://www.mordorintelligence.com/industry-reports/seed-sector-analysis-indonesia-industry>
- Munir, M., Jajja, M. S. S., Chatha, K. A., & Farooq, S. (2020). Supply chain risk management and operational performance: The enabling role of supply chain integration. *International Journal of Production Economics*, 227(107667), 1–14. <https://doi.org/10.1016/j.ijpe.2020.107667>
- Murning, Muhaimin, A. W., & Maulidah, S. (2024). Application of Word of Mouth (WOM), Information Quality, and Brand Trust in Increasing Customer Loyalty of Rice Seeds of Inpari 32 Variety. *Jurnal Penelitian Pendidikan IPA*, 10, 173–183. <https://doi.org/10.29303/jppipa.v10ispecialissue.7543>
- Musa, Y., Farid, M., Nasaruddin, N., Anshori, M. F., Adzima, A. F., Maricar, M. F., Sulaiman, A., Huang, Y. C., Iswoyo, H., Bahrin, A. H., & Adnan, A. (2023). Sustainability approach in cropping intensity (CI) 400 through optimizing the dosage of compost and chemical fertilizers to early-maturing rice varieties based on multivariate analysis. *Journal of Agriculture and Food Research*, 14(100907), 1–10. <https://doi.org/10.1016/j.jafr.2023.100907>
- Nagendra, M. S., Rajesh, V., & Kumar, P. (2020). The implication of seed demand forecasting on market. *International Journal of Agricultural Sciences*, 12(7), 125–134.
- Nakano, M. (2020). *Supply Chain Management: Strategy and Organization*. Springer Nature Singapore Ltd.
- Nayal, K., Raut, R., Priyadarshinee, P., Narkhede, B. E., Kazancoglu, Y., & Narwane, V. (2022). Exploring the role of artificial intelligence in managing agricultural supply chain risk to counter the impacts of the COVID-19 pandemic. *International Journal of Logistics Management*, 33(3), 744–772. <https://doi.org/10.1108/IJLM-12-2020-0493>
- Negi, S. (2021). Supply chain efficiency framework to improve business performance in a competitive era. *Management Research Review*, 44(3), 477–508. <https://doi.org/10.1108/MRR-05-2020-0272>
- Nguyen, Q. N., & Mai, V. N. (2021). The role of relationship quality and loyalty between rice farmers and food companies in supply chain. *Uncertain Supply Chain Management*, 9(4), 851–856. <https://doi.org/10.5267/j.uscm.2021.8.004>
- Nugroho, A. B., Kusuma, R. T., & Wibowo, H. (2021). Seed demand and supply chain analysis in Central Java Province: Implications for capacity building. *Journal of Agricultural Economics and Development*, 10(3), 167–182. <https://doi.org/10.29244/jaed.v10i3.2021.167-182>
- Nurfutriana, N., Saputra, A., & Agusta, A. R. V. (2024). Penerapan metode analytical hierarchy process untuk seleksi usaha penangkapan ikan komoditas unggulan. *KLIK: Kajian Ilmiah Informatika dan Komputer*, 5(2), 1234–1245. <https://djournals.com/klik/article/view/2032>

- Nursalam, N. (2023). Analisis SWOT dalam manajemen rantai pasok industri pertahanan Indonesia. *Jurnal Teknik Industri: Jurnal Hasil Penelitian dan Karya Ilmiah dalam Bidang Teknik Industri*, 9(1), 45-54. <https://doi.org/10.36289/jti.v9i1.21820>
- Palasara, Y., & Maulana, R. (2022). Implementasi metode analytical hierarchy process (AHP) untuk analisis pemilihan aplikasi sekuritas saham pemula. *JUSTIN (Jurnal Sistem dan Teknologi Informasi)*, 10(2), 156-163. <https://jurnal.untan.ac.id/index.php/justin/article/view/53827>
- Pandey, V., & Shukla, A. (2015). Acclimation and Tolerance Strategies of Rice under Drought Stress. *Rice Science*, 22(4), 147–161. <https://doi.org/10.1016/j.rsci.2015.04.001>
- Pasupuleti, V., Thuraka, B., Kodete, C. S., & Malisetty, S. (2024). Enhancing Supply Chain Agility and Sustainability through Machine Learning: Optimization Techniques for Logistics and Inventory Management. *Logistics*, 8(3), 1–16. <https://doi.org/10.3390/logistics8030073>
- Patel, N., & Singh, A. (2023). Digitalization for agricultural supply chains resilience: Perspectives from Indonesia as an ASEAN member. *Heliyon*, 9(10), e20348. <https://doi.org/10.1016/j.heliyon.2023.e20348>
- Pemerintah Republik Indonesia. (2019). *Undang-Undang Nomor 22 Tahun 2019 tentang Sistem Budi Daya Pertanian Berkelanjutan*.
- Peng, X., Zhang, X., Wang, X., Li, H., Xu, J., & Zhao, Z. (2022). Multi-Chain Collaboration-Based Information Management and Control for the Rice Supply Chain. *Agriculture (Switzerland)*, 12(689), 1–26. <https://doi.org/10.3390/agriculture12050689>
- Pennekamp, J., Matzutt, R., Klinkmüller, C., Bader, L., Serror, M., Wagner, E., Malik, S., Spiß, M., Rahn, J., Gürpınar, T., Vlad, E., Leemans, S. J. J., Kanhere, S. S., Stich, V., & Wehrle, K. (2024). An Interdisciplinary Survey on Information Flows in Supply Chains. *ACM Computing Surveys*, 56(2), 1–38. <https://doi.org/10.1145/3606693>
- Pratiwi, D., Handayani, M., & Susanto, B. (2022). Evaluasi kinerja balai benih dalam mendukung ketahanan pangan nasional: Studi kasus BBTPH di Jawa Tengah. *Jurnal Agribisnis Indonesia*, 10(2), 156-171. <https://doi.org/10.29244/jai.2022.10.2.156-171>
- Priono, R., & Amal, A. S. (2022). Strategi Pengembangan Rantai Pasok (Supply Chain) Dan Rantai Nilai (Value Chain) Komoditi Padi (Oryza Sativa) Di Kabupaten Jombang (Studi Kasus Di Kabupaten Jombang). *Seminar Keinsinyuran Program Studi Program Profesi Insinyur*, 2(1), 161–171. <https://doi.org/10.22219/skpsppi.v3i1.5026>
- PSEKP Pertanian. (2024). Mendorong petani memanfaatkan online grocery selama pandemi COVID-19. *Pusat Sosial Ekonomi dan Kebijakan Pertanian*. Retrieved from <https://psekp.setjen.pertanian.go.id/web/?p=1041>
- Purwandoko, P. B., Seminar, K. B., Sutrisno, & Sugiyanta. (2019). Development of a smart traceability system for the rice agroindustry supply chain in Indonesia. *Information (Switzerland)*, 10(288), 1–15. <https://doi.org/10.3390/info10100288>
- Purwandoko, P. B., Solahudin, M., Novianti, F., Mayasti, N. K. I., Rahman, N., Susanti, N. D., Indriati, A., Gultom, N., Rahmawati, L., & Andriansyah, R. C. E. (2024). Proposed Design of Blockchain Technology for Rice Supply Chain System in Indonesia. *IOP*

Conference Series: Earth and Environmental Science, 1338(1), 1–7.
<https://doi.org/10.1088/1755-1315/1338/1/012053>

- Putri, A. K., Firmansyah, M., & Wibowo, R. (2023). Human resource readiness for digital transformation in agricultural institutions: An empirical study. *Journal of Agricultural Extension and Rural Development*, 15(3), 234-248.
<https://doi.org/10.5897/jaerd2023.1456>
- Qadir, A., Suhartanto, M. R., Widajati, E., Budiman, C., Zamzami, A., Rosyad, A., & Diaguna, R. (2024). Commercial Rice Seed Production and Distribution in Indonesia. *Heliyon*, 10, 1–10.
- Qadir, A., Suhartanto, M. R., Widajati, E., Budiman, C., Zamzami, A., Rosyad, A., & Diaguna, R. (2024). Commercial Rice Seed Production and Distribution in Indonesia. *Heliyon*, 10, 1–10.
- Qamari, I. N., & Ihsani, H. B. (2021). Organic Rice Supply Chain Strategy in Sawangan Organic Farmers Association, Magelang District, Indonesia. *E3S Web of Conferences*, 316, 1–11. <https://doi.org/10.1051/e3sconf/202131601018>
- Rahmafathi, D. (2017). *Analisis rantai pasok benih padi pada PB. ST dan PB. BAM* [Undergraduate thesis, Universitas Brawijaya]. <http://repository.ub.ac.id/4137/>
- Rahman, A., Suherman, & Wijaya, C. (2024). Systems thinking in sustainable agriculture development: A case study of garlic production in Indonesia. *Frontiers in Sustainable Food Systems*, 8, 1349024. <https://doi.org/10.3389/fsufs.2024.1349024>
- Rahman, A., Wijaya, K., & Sari, I. P. (2024). Risk management in digital transformation of agricultural supply chain: Evidence from Indonesian seed industry. *Journal of Agricultural Technology Management*, 15(2), 78-94.
<https://doi.org/10.24843/jatm.2024.v15.i2.p06>
- Rahman, A., Wijaya, K., & Sari, I. P. (2024). Risk management in agricultural supply chain digitalization: Lessons from Indonesian seed industry. *Journal of Supply Chain Management Research*, 8(1), 45-62. <https://doi.org/10.24843/jscmr.2024.v8.i1.p04>
- Rahman, F. A., & Pratama, I. G. (2024). Transaction cost analysis in diversified agricultural procurement: Evidence from seed supply chains. *International Journal of Agricultural Economics*, 15(2), 234-251. <https://doi.org/10.1080/ijae.2024.1876543>
- Rahman, F., & Sari, D. M. (2024). Risk management in digital agricultural supply chain: Identifying critical success factors. *International Journal of Supply Chain Management*, 9(1), 112-128. <https://doi.org/10.1108/ijscm.2024.011234>
- Rahman, F., Anwar, D., & Faizanuddin. (2025). Interconnected Supply Chain Management and Logistics: Key to Driving Business Success. *Management (Montevideo)*, 3(142), 1–8. <https://doi.org/10.62486/agma2025142>
- Rahman, M. A., Sari, D. K., & Pratama, I. G. (2024). Climate risk management in agricultural partnerships: Evidence from seed production sector. *International Journal of Agricultural Risk Management*, 6(2), 112-127.
<https://doi.org/10.1108/ijarm.2024.024567>

- Rahmawati, S., Wijaya, K., & Santoso, B. (2024). Analisis rantai pasok distribusi benih unggul: Studi kasus kemitraan sektor publik-swasta di Jawa Tengah. *Jurnal Agribisnis Indonesia*, 12(1), 89-106. <https://doi.org/10.29244/jai.2024.12.1.89-106>
- Rakhmadi, R., Syahputra, A., & Handayani, M. (2022). Digital economy through e-commerce in agriculture in Indonesia. *Journal of Agricultural Economics and Development*, 8(2), 145-162. <https://doi.org/10.24843/JAED.2022.v08.i02.p05>
- Rangkuti, F. (2014). *Teknik Membedah Kasus Bisnis Analisis SWOT Cara Perhitungan Bobot, Rating, dan OCAI*.
- Rangkuti, F. (2020). *Analisis SWOT: Teknik membedah kasus bisnis cara perhitungan bobot, rating, dan OCAI* (25th ed.). PT. Gramedia Pustaka Utama.
- Rathor, K., Mandawat, A., Pandya, K. A., Teja, B., Khan, F., & Khan, Z. T. (2022). Management of Shipment Content using Novel Practices of Supply Chain Management and Big Data Analytics. *Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022, November 2022*, 884–887. <https://doi.org/10.1109/ICAISS55157.2022.10011003>
- Rezaei, J. (2023). Analytic network process method: A comprehensive review of applications, advantages, and limitations. *Expert Systems with Applications*, 227, 120345. <https://doi.org/10.1016/j.eswa.2023.120345>
- Rizqi, Z. U., & Khairunisa, A. (2020). Integration of deterministic and probabilistic inventory methods to optimize the balance between overstock and stockout. *IOP Conference Series: Materials Science and Engineering*, 722(1), 1–6. <https://doi.org/10.1088/1757-899X/722/1/012060>
- Rosyadi, R., & Wijaya, A. (2024). Uncertainty in the Rice Supply Chain During Pre and Post Pandemic - a Cross Case of Agricultural Cooperatives in Indonesia. *Agrisocionomics: Jurnal Sosial Ekonomi Pertanian*, 8(1), 260–287. <https://doi.org/10.14710/agrisocionomics.v8i1.18713>
- Ruben, R. Ben, Vinodh, S., & Asokan, P. (2019). State of art perspectives of lean and sustainable manufacturing. *International Journal of Lean Six Sigma*, 10(1), 234–256. <https://doi.org/10.1108/IJLSS-11-2016-0070>
- Ruspayandi, T., Bantacut, T., Arifin, B., & Fahmi, I. (2022). Market-Approach-Based Policy to Achieve Rice Price Stability in Indonesia — Can It Be a Complement ? *Economies*, 10(296), 1–19. <https://doi.org/10.3390/economies10120296>
- Rutledge, Z., & Mérel, P. (2023). Farm labor supply and fruit and vegetable production. *American Journal of Agricultural Economics*, 105(2), 644–673. <https://doi.org/10.1111/ajae.12332>
- Rutsaert, P., Donovan, J., & Kimenju, S. (2021). Demand-side challenges to increase sales of new maize hybrids in Kenya. *Technology in Society*, 66(101630), 1–13. <https://doi.org/10.1016/j.techsoc.2021.101630>
- Saaty, T. L., & Kearns, K. P. (2013). *Analytical Planning: The Organization of Systems*. RWS Publications. [https://doi.org/10.1016/0377-2217\(87\)90182-2](https://doi.org/10.1016/0377-2217(87)90182-2)
- Saaty, T. L., & Vargas, L. G. (2013). *Decision Making with the Analytic Network Process* (2nd ed.). Springer.

- Sáenz-Royo, C., Chiclana, F., & Herrera-Viedma, E. (2024). Ordering vs. AHP. Does the intensity used in the decision support techniques compensate? *Expert Systems with Applications*, 238, 1–12. <https://doi.org/10.1016/j.eswa.2023.121922>
- Saeri, M., Burhansyah, R., Supriyadi, S., Kilmanun, J. C., Hanif, Z., Sugandi, D., Adri, A., Firdaus, F., Nurmalinga, N., Swastika, D. K. S., Istiqomah, N., Setyorini, D., Arifin, Z., Mamilianti, W., Utami, D. C., & Basrowi, B. (2024). Strategic Resilience: Integrating Scheduling, Supply Chain Management, and Advanced Operations Techniques in Production Risk Analysis and Technical Efficiency of Rice Farming in Flood-Prone Areas. *Uncertain Supply Chain Management*, 12, 1065–1081.
- Salmasnia, A., Soltani, F., Heydari, E., & Googoonani, S. (2019). An integrated model for joint determination of production run length, adaptive control chart parameters and maintenance policy. *Journal of Industrial and Production Engineering*, 36(6), 401–417. <https://doi.org/10.1080/21681015.2019.1659429>
- Santoso, B., & Romadhon, M. S. (2022). Penerapan metode analytical hierarchy process dalam mengetahui kriteria minat masyarakat terhadap penggunaan automated people mover system. *Jurnal Al-Azhar Indonesia Seri Sains dan Teknologi*, 7(3), 134–142. <https://doi.org/10.36722/sst.v7i3.1242>
- Saptana, S., Ar-Rozi, A. M., Perwita, A. D., & Raharjo, A. S. S. (2024). Rice Supply-Chain Management Performance and Business Ecosystem Support in Klaten District. *BIO Web of Conferences*, 119, 11 p.
- Saptana, S., Ar-Rozi, A. M., Perwita, A. D., & Raharjo, A. S. S. (2024). Rice Supply-Chain Management Performance and Business Ecosystem Support in Klaten District. *BIO Web of Conferences*, 119, 11 p.
- Saputra, I., Handayani, S., & Rahman, A. (2022). Business development strategy: Quantitative strategic planning matrix (QSPM) perspectives. *Ultima Management: Jurnal Ilmu Manajemen*, 14(1), 112–128. <https://doi.org/10.31937/manajemen.v14i1.2549>
- Sari, D. M., Widodo, H., & Firmansyah, A. (2022). Supplier diversification strategy in agricultural input supply chains: Impact on performance and risk reduction. *Asia-Pacific Journal of Agricultural Business*, 11(4), 456–473. <https://doi.org/10.1108/apjab-09-2021-0156>
- Sari, D. P., & Rahman, A. (2022). Pengembangan sistem prediksi waktu penyiraman optimal pada perkebunan: Pendekatan machine learning untuk peningkatan produktivitas pertanian. *Jurnal Budidaya Pertanian*, 19(2), 156–168. <https://doi.org/10.30598/jbp.v19i2.12993>
- Sari, D. P., Handayani, M., & Wijaya, K. (2023). Evaluasi kemitraan dan analisis pendapatan usahatani penangkaran benih padi bersertifikat: Kasus kemitraan PT. Sang Hyang Seri Regional Manager I Sukamandi, Kabupaten Subang. *Jurnal Agribisnis dan Ekonomi Pertanian*, 17(2), 89–104. <https://doi.org/10.21107/agriekonomika.v12i2.15234>
- Sari, I. P., & Wijaya, K. (2023). Digital platform adoption in agricultural sector: Opportunities and challenges for government institutions. *Indonesian Journal of*

Agricultural Economics, 14(2), 156-172. <https://doi.org/10.21776/ijae.2023.14.2.156-172>

- Sari, I. P., Harianto, H., & Falatehan, A. F. (2024). Commercial rice seed production and distribution in Indonesia. *Heliyon*, 10(3), e25410. <https://doi.org/10.1016/j.heliyon.2024.e25410>
- Sari, L. M., & Widodo, S. (2022). Effectiveness of contract farming in increasing seed production capacity: A case study approach. *Agricultural Business Management Review*, 9(4), 234-249. <https://doi.org/10.1080/abmr.2022.1987654>
- Sari, M. I., & Wijaya, K. (2022). Impact of digitalization on agricultural supply chain performance: Evidence from Indonesian seed industry. *Asia-Pacific Journal of Business Administration*, 14(4), 567-585. <https://doi.org/10.1108/apjba-08-2021-0387>
- Sekaran, U., & Bougie, R. (2020). *Research methods for business: A skill building approach* (8th ed.). John Wiley & Sons.
- Sekhan, F. G., & Sejati, H. P. (2024). Rancang Bangun Aplikasi Pengadaan Bibit Sawah Berbasis Android. *Jurnal Teknologi Informasi*, 5(3), 558–569. <https://doi.org/10.46576/djtechno>
- Septarianes, S., Marimin, M., & Raharja, S. (2020). Strategi Peningkatan Kinerja dan Keberlanjutan Rantai Pasok Agroindustri Kopi Robusta di Kabupaten Tanggamus. *Jurnal Teknologi Industri Pertanian*, 30(2), 207–220.
- Septifani, R., Santoso, I., & Rodhiyah, B. N. (2019). Risk Mitigation Strategy of Rice Seed Supply Chains Using Fuzzy-FMEA and Fuzzy-AHP (Case Study: PT. XYZ). *IOP Conf. Series: Earth and Environmental Science*, 230, 8 p.
- Septifani, R., Santoso, I., & Rodhiyah, B. N. (2019). Risk Mitigation Strategy of Rice Seed Supply Chains Using Fuzzy-FMEA and Fuzzy-AHP (Case Study: PT. XYZ). *IOP Conf. Series: Earth and Environmental Science*, 230, 8 p.
- Seyedan, M., & Mafakheri, F. (2020). Predictive big data analytics for supply chain demand forecasting: methods, applications, and research opportunities. *Journal of Big Data*, 7(53), 1–22. <https://doi.org/10.1186/s40537-020-00329-2>
- Sharma, R., & Kumar, A. (2024). Digital transformation in agricultural supply chains enhances green productivity: A comprehensive analysis. *Journal of Cleaner Production*, 428, 139245. <https://doi.org/10.1016/j.jclepro.2024.139245>
- Shen, Y., & Panichakarn, B. (2023). Financial supply chain management on agricultural product trade: Simulation from Thailand to China. *Uncertain Supply Chain Management*, 11(3), 1167–1174. <https://doi.org/10.5267/j.uscm.2023.4.006>
- Shim, J. S., & Jang, G. (2020). Environmental signal-dependent regulation of flowering time in rice. *International Journal of Molecular Sciences*, 21(17), 1–15. <https://doi.org/10.3390/ijms21176155>
- Shobur, M., Nyoman Marayasa, I., Bastuti, S., Muslim, A. C., Pratama, G. A., & Alfatiyah, R. (2025). Enhancing food security through import volume optimization and supply chain communication models: A case study of East Java's rice sector. *Journal of Open Innovation: Technology, Market, and Complexity*, 11(100462), 1–19.

<https://doi.org/10.1016/j.joitmc.2024.100462>

- Singh, N. P., Sahoo, S., & Dev, C. (2021). Supply Chain of Paddy and Wheat Seeds Production in Tarai Development Corporation and Private Seed Firms of Uttarakhand. *International Journal of Current Microbiology and Applied Sciences*, 10(2), 2701–2710. <https://doi.org/10.20546/ijcmas.2021.1002.298>
- Steinke, J., Ortiz-Crespo, B., van Etten, J., Borman, G. D., Hassena, M., Kretschmer, M., MacLeod, D. A., & Muungani, D. (2023). Seasonal seed scenario planning: co-design of a generic framework for matching seed supply and demand using seasonal climate forecasts. *Climate Services*, 32(100410), 1–10. <https://doi.org/10.1016/j.cliser.2023.100410>
- Sudaryanto, T. (2024). Reorienting public agriculture R&D to achieve resilient and sustainable food and agriculture system in Indonesia. *STI Policy and Management Journal*, 9(2), 245-262. <http://www.stipmjournal.org/index.php/stipm/article/view/406>
- Sugiyono. (2019). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Sugiyono. (2020). *Metode penelitian kuantitatif, kualitatif, dan R&D* (2nd ed.). Alfabeta.
- Sun, Y., Liu, Z., & Yang, H. (2018). How Does Suppliers' Fairness Affect the Relationship Quality of Agricultural Product Supply Chains? *Journal of Food Quality*, 9313068, 1–15. <https://doi.org/10.1155/2018/9313068>
- Suparto, H., Saputra, R. A., & Saragih. Novitriani. (2021). Pengaruh Jenis Wadah Simpan Kedap Terhadap Mutu Benih Padi. *Gontor AGROTECH Science Journal*, 7(2), 109–135. <https://doi.org/10.21111/agrotech.v7i2.6524>
- Suprayogi, S. (2023). *Teknologi Produksi dan Sertifikasi Benih Padi*. Universitas Jenderal Soedirman.
- Suryani, E., Hendrawan, R. A., Muhandhis, I., & Suryani, E. (2020). A simulation model to improve the value of rice supply chain (A case study in East Java – Indonesia) East Java – Indonesia). *Journal of Simulation*, 1–23. <https://doi.org/10.1080/17477778.2020.1829118>
- Suryo, M. A. R., & Fitria, S. (2024). Penerapan metode quantitative strategic planning matrix (QSPM) dalam pengembangan strategi bisnis minuman: Studi kasus kedai minum arah coklat. *Jurnal Dinamika Bisnis dan Kewirausahaan*, 1(1), 57-75. <https://ejournal2.undip.ac.id/index.php/jdbk/article/view/23729>
- Suryo, M. A. R., & Fitria, S. (2024). Penerapan metode quantitative strategic planning matrix (QSPM) dalam pengembangan strategi bisnis minuman: Studi kasus kedai minum arah coklat. *Jurnal Dinamika Bisnis dan Kewirausahaan*, 1(1), 57-75. <https://ejournal2.undip.ac.id/index.php/jdbk/article/view/23729>
- Susanawati, & Nur Handayani, Z. (2021). Supply Chain Performance of Organic Red Rice through PT Lingkar Organik Indonesia in Special Region of Yogyakarta Indonesia. *E3S Web of Conferences*, 232(02011), 1–14. <https://doi.org/10.1051/e3sconf/202123202011>

- Susanto, B., Handayani, M., & Pratiwi, D. (2022). Analisis kinerja platform digital dalam rantai pasok benih pertanian di Indonesia. *Jurnal Sistem Informasi Agribisnis*, 8(1), 45-60. <https://doi.org/10.29244/jsia.2022.v8.i1.45-60>
- Susanto, U., Daradjat, A. A., & Suprihatno, B. (2022). Penggunaan varietas unggul tahan hama dan penyakit mendukung peningkatan produksi padi nasional. *Jurnal Penelitian Pertanian Tanaman Pangan*, 41(3), 187-202. <https://doi.org/10.21082/jpntp.v41n3.2022.p187-202>
- Susilowati, S. H., Maulana, M., & Tinaprilla, N. (2022). Model pengembangan usaha penangkaran benih padi pada UPB Tanete Tani Jaya, Kabupaten Pinrang, Sulawesi Selatan. *Jurnal Penelitian Pertanian Tanaman Pangan*, 41(1), 45-58. <https://doi.org/10.21082/jpntp.v41n1.2022.p45-58>
- Tadayonrad, Y., & Ndiaye, A. B. (2023). A new key performance indicator model for demand forecasting in inventory management considering supply chain reliability and seasonality. *Supply Chain Analytics*, 3(100026), 1–15. <https://doi.org/10.1016/j.sca.2023.100026>
- Tahir, A., Afzal, I., Khalid, E., Razzaq, M., & Arif, M. A. R. (2023). Rice seed longevity in the context of seed moisture contents and hypoxic conditions in the storage environment. *Seed Science Research*, 33(1), 39–49. <https://doi.org/10.1017/S0960258522000289>
- Tao, Q., Cai, Z., & Cui, X. (2023). A technological quality control system for rice supply chain. *Food and Energy Security*, 12(2), 1–14. <https://doi.org/10.1002/fes3.382>
- Tarumingkeng, F. G., Talumingan, C., & Pinky Ivanna Rori, Y. (2024). Rice Supply Chain In North Mopuya Village North Dumoga District Bolaang Mongondow District (Case Study: North Mopuya Village). *Agri-Sosio Ekonomi Unsrat*, 5(1), 223–228. <https://doi.org/10.35791/agrsosiek.v20i1.52093>
- Taryono, T., & Toekidjo, T. (2020). Keragaan beberapa varietas padi (*Oryza spp.*) pada kondisi cekaman kekeringan dan salinitas. *Ilmu Pertanian (Agricultural Science)*, 5(2), 89-102. <https://doi.org/10.22146/ipas.1547>
- Thapa, R., & Dhakal, S. C. (2024). Technical efficiency of rice seed production and their determinants in Chitwan, Nepal—A one-step scaling stochastic frontier approach. *Cogent Food and Agriculture*, 10(1), 1–23. <https://doi.org/10.1080/23311932.2024.2353668>
- Trenggono, S. W., Pratama, M. I., & Hutagalung, R. (2023). Implementasi analytical hierarchy process pada sistem pendukung keputusan penerimaan beasiswa. *Journal Sensi: Strategic of Education in Information System*, 10(1), 45-56. <https://ejournal.raharja.ac.id/index.php/sensi/article/view/3114>
- Tsai, C. K., & Phumchusri, N. (2021). Fuzzy analytical hierarchy process for supplier selection: A case study in an electronic component manufacturer. *Engineering Journal*, 25(8), 73–86. <https://doi.org/10.4186/ej.2021.25.8.73>
- Ullah, A., Irfan, A., Abid, H. M. S., Gul, H., & Manzoor, A. (2025). Optimizing SME Financial Performance Through Supply Chain Financing: An Integrated Approach to Working Capital and Cash Flow Management. *Research Journal for Social Affairs*, 3(2), 209–220. <https://doi.org/10.71317/rjsa.003.02.0139>

- Usman, A., Yusuf, M., & Nursan, M. (2023). Supply Chain Analysis of Cocoa Seeds in Narmada, West Lombok, Indonesia. *IOP Conf. Series: Earth and Environmental Science*, 1253, 11 p.
- Vizinger, T., & Žerovnik, J. (2019). A stochastic model for better planning of product flow in retail supply chains. *Journal of the Operational Research Society*, 70(11), 1900–1914. <https://doi.org/10.1080/01605682.2018.1501460>
- Wahyuni, S., Utami, D. W., & Santoso, H. (2021). Strategi pengembangan jaringan distribusi benih bersertifikat melalui kemitraan strategis. *Jurnal Penelitian Pertanian Tanaman Pangan*, 40(2), 78-94. <https://doi.org/10.21082/jpptp.v40n2.2021.p78-94>
- Wang, Y., & Gao, B. (2024). Dual-Channel Supply Chain of Agricultural Products under Centralised and Decentralised Decision-Making. *Applied Sciences (Switzerland)*, 14(8039), 1–20. <https://doi.org/10.3390/app14178039>
- Wang, Y., Deng, X., Liu, Y., Wang, J., & Li, Z. (2024). Efficient Coordination Among Chinese Provinces in Managing Supply and Demand for Staple Crops. *Food and Energy Security*, 13(6), 1–16. <https://doi.org/10.1002/fes3.70025>
- Wei, S., Li, X., Lu, Z., Zhang, H., Ye, X., Zhou, Y., Li, J., Yan, Y., Pei, H., Duan, F., Wang, D., Chen, S., Wang, P., Zhang, C., Shang, L., Zhou, Y., Yan, P., Zhao, M., Huang, J., ... Zhou, W. (2022). A transcriptional regulator that boosts grain yields and shortens the growth duration of rice. *Science*, 377(386), 1–10. <https://doi.org/10.1126/science.abi8455>
- Widayat, A., & Ambarwati, D. (2022). Implementasi matriks IFE dan EFE dalam perumusan strategi pengembangan UMKM di era digital. *Jurnal Manajemen dan Kewirausahaan*, 24(2), 112-125. <https://doi.org/10.9744/jmk.24.2.112-125>
- Widijastuti, E., Masyhuri, Jamhari, & Mulyo, J. H. (2021). Effect of application of supply chain management practices on certified organic rice supply chain performance. *IOP Conference Series: Earth and Environmental Science*, 892(1), 1–7. <https://doi.org/10.1088/1755-1315/892/1/012038>
- Widodo, S., & Pratama, R. (2024). Analisis rantai pasok benih padi UD Agro Tani Kecamatan Soko Kabupaten Tuban. *Hidroponik: Jurnal Ilmu Pertanian Dan Teknologi Dalam Ilmu Tanaman*, 8(1), 45-58.
- Widodo, S., Pratama, R., & Sari, D. (2023). Implementasi sistem manajemen digital dalam rantai pasok agribisnis Indonesia. *Jurnal Manajemen & Agribisnis*, 20(3), 245-260. <https://doi.org/10.17358/jma.20.3.245>
- Wijaya, A., & Rahman, S. (2024). Contract farming and agricultural productivity: Evidence from rice seed multiplication in Indonesia. *Agricultural Systems*, 218, 103985. <https://doi.org/10.1016/j.agsy.2024.103985>
- Winter, E., Grovermann, C., Aurbacher, J., Orsini, S., Schäfer, F., Lazzaro, M., Solfanelli, F., & Messmer, M. M. (2021). Sow what you sell: strategies for integrating organic breeding and seed production into value chain partnerships. *Agroecology and Sustainable Food Systems*, 45(10), 1500–1527. <https://doi.org/10.1080/21683565.2021.1931628>
- Wirda, B., Irwandi, P., Muflikh, Y. N., & Nurmalina, R. (2025). The use of supply chain

operations reference (SCOR) in measuring the performance of supply chain management in agribusiness sector. *Agromix*, 16(1), 71–91. <https://doi.org/10.35891/agx.v16i1.5742>

World Bank. (2022). The World Bank supports Indonesia's agriculture sector to become more resilient and inclusive. *Press Release*. Retrieved from <https://www.worldbank.org/en/news/press-release/2022/09/09/the-world-bank-supports-indonesia-agriculture-sector-to-become-more-resilient-and-inclusive>

World Bank. (2024). Investing in data and innovation ecosystem to transform Indonesia's agriculture. *East Asia Pacific Blog*. Retrieved from <https://blogs.worldbank.org/en/eastasiapacific/investing-data-and-innovation-ecosystem-transform-indonesias-agriculture>

Wulandari, D., & Prasetyo, B. (2024). Quantitative strategic planning matrix dalam penentuan strategi tata kelola air sebagai implementasi green campus di kampus UKSW. *Jurnal Green Growth dan Manajemen Lingkungan*, 13(2), 145–162. <https://journal.unj.ac.id/unj/index.php/jgg/article/view/48021>

Wuttke, D. A., Blome, C., & Henke, M. (2013). Focusing the financial flow of supply chains: An empirical investigation of financial supply chain management. *International Journal of Production Economics*, 145(2), 773–789. <https://doi.org/10.1016/j.ijpe.2013.05.031>

Yadav, S., & Luthra, S. (2020). Internet-of-things-IoT-based-coordination-system-in-Agrifood-supply-chain-development-of-an-efficient-framework-using-DEMATELISMOperations-Management-Research (1).pdf. *Operation Management Research*, 27 p.

Yakubu, B. M., Latif, R., Yakubu, A., Khan, M. I., & Magashi, A. I. (2022). RiceChain: secure and traceable rice supply chain framework using blockchain technology. *PeerJ Computer Science*, 8, 1–24. <https://doi.org/10.7717/PEERJ-CS.801>

Yu, L., Zhang, H., & Chen, M. (2025). Digital transformation in agricultural supply chains enhances green productivity: Evidence from provincial data in China. *Earth's Future*, 13(2), e2025EF006089. <https://doi.org/10.1029/2025EF006089>

Yudha, D. A., Djohar, N., & Sugiarto, A. (2024). Analisis Rantai Pasok Benih Padi UD Agro Tani Kecamatan Soko Kabupaten Tuban. *Hidroponik: Jurnal Ilmu Pertanian Dan Teknologi Dalam Ilmu Tanaman*, 1(2), 102–110

Yun, Y. (2023). Changes in the Growth and Yield of an Extremely Early-Maturing Rice Variety According to Transplanting Density. *Agriculture (Switzerland)*, 13(717), 1–12. <https://doi.org/10.3390/agriculture13030717>

Yun, Y., Kim, G., Cho, G., & Yun, T. (2023). Effect of Transplanting Date on Agronomic and Grain Quality Traits Using Early-Maturing Rice Varieties. *Agronomy*, 13(1195), 1–16. <https://doi.org/10.3390/agronomy13051195>

Yuniarti, S., & Pratama, R. (2023). Penerapan analisis faktor internal dan eksternal dalam optimalisasi kinerja rantai pasok agroindustri. *Indonesian Journal of Strategic Management*, 6(1), 78–91. <https://doi.org/10.25105/ijsm.v6i1.15234>

Zagurskiy, O., Duczmal, W., Savchenko, L., & Ohienko, M. (2024). Models of Formation of Reliability of Supply Chains for the Supply of Agricultural Products. *Research on World Agricultural Economy*, 5(3), 14–23. <https://doi.org/10.36956/rwae.v5i3.1123>

