

DAFTAR PUSTAKA

- Amendola, M., Lamperti, F., Roventini, A., & Sapio, A., 2024, Energy efficiency policies in an agent-based macroeconomic model. *Structural Change and Economic Dynamics*, 68, 116–132.
- Arton, A., Carrella, E., Madsen, J. K., & Bailey, R. M., 2024, Triggering the tragedy: The simulated effects of alternative fisher goals on marine fisheries and fisheries policy. *Ecological Complexity*, 57.
- Baltodano-Nontol, L., Alvarado-Silva, C., Fernández-Mantilla, M., Gálvez-Carrillo, R., & Acevedo-Duque, Á., 2024, Measuring Urban Environmental Awareness: Instrument Validation and Analysis in Urban Contexts. *Sustainability (Switzerland)*, 16(24).
- Brehmer, B., 1992, Dynamic decision making: Human control of complex systems *. In *Acta Psychologica* (Vol. 81).
- Brocklesby, J., 2016, The what, the why and the how of behavioural operational research - An invitation to potential sceptics. *European Journal of Operational Research*, 249(3), 796–805.
- Brozynski, T., Menkhoff, L., Schmidt, U., & Frankfurt, H., 2004, *The Impact of Experience on Risk Taking, Overconfidence, and Herding of Fund Managers: Complementary Survey Evidence Standard-Nutzungsbedingungen: The Impact of Experience on Risk Taking, Overconfidence, and Herding of Fund Managers: Complementary Survey Evidence **.
- Charnes, Gary., Gneezy, Uri., Imas, Alex., 2013. Experimental methods: Eliciting risk preferences, *Journal of Economic Behavior & Organization*.
- Chen, J., Xu, Q., Fang, D., Zhang, D., & Liao, P. C., 2022, Perceptual decision-making ‘in the wild’: How risk propensity and injury exposure experience influence the neural signatures of occupational hazard recognition. *International Journal of Psychophysiology*, 177, 92–102.

- Diehl, E., & Serman, J. D., 1995, *Effects of feedback complexity on dynamic decision making*.
- Diekert, F. K., 2012, The tragedy of the commons from a game-theoretic perspective. *Sustainability*, 4(8), 1776–1786.
- Dinno, A., 2015. Nonparametric pairwise multiple comparisons in independent groups using Dunn’s test. In *The Stata Journal* (Vol. 15, Issue 1).
- Donohue, K., Özer, Ö., & Zheng, Y., 2019. Behavioral operations: Past, present, and future. *Manufacturing and Service Operations Management*, 22(1), 191–202.
- Du, H., Han, Q., de Vries, B., & Sun, J., 2025, Renewable energy adoption in urban residential communities in China: An agent-based model for assessing intervention impact. *Computers, Environment and Urban Systems*, 121.
- The State of World Fisheries and Aquaculture, 2024. In *The State of World Fisheries and Aquaculture 2024*.
- Faul, F., Erdfelder, E., Buchner, A., & Lang, A. G., 2009, Statistical power analyses using G*Power 3.1: Tests for correlation and regression analyses. *Behavior Research Methods*, 41(4), 1149–1160.
- Forrester, J. W., 1961, *Industrial dynamics*. THE M.I.T. PRESS.
- Franco, L. A., & Hämäläinen, R. P., 2016, Behavioural operational research: Returning to the roots of the or profession. In *European Journal of Operational Research* (Vol. 249, Issue 3, pp. 791–795).
- Gogi, A., Tako, A. A., & Robinson, S., 2016, An experimental investigation into the role of simulation models in generating insights. *European Journal of Operational Research*, 249(3), 931–944.
- Gonzalez, C., 2005, Decision support for real-time, dynamic decision-making tasks. *Organizational Behavior and Human Decision Processes*, 96(2), 142–154.
- Gonzalez, C., Fakhari, P., & Busemeyer, J., 2017, Dynamic Decision Making: Learning Processes and New Research Directions. In *Human Factors* (Vol. 59, Issue 5, pp. 713–721). SAGE Publications Inc.
- Greasley, A., & Owen, C., 2018, Modelling people’s behaviour using discrete-event simulation: a review. In *International Journal of Operations and Production Management* (Vol. 38, Issue 5, pp. 1228–1244). Emerald Group Holdings Ltd.

- Gye, A., Lourenco, R. D. A., & Goodall, S., 2024, Discrete Event Simulation to Incorporate Infusion Wait-Time When Assessing Cost-Effectiveness of a Chimeric-Antigen Receptor T Cell Therapy. *Value in Health*, 27(4), 415–424.
- Hämäläinen, R. P., Luoma, J., & Saarinen, E., 2013, On the importance of behavioral operational research: The case of understanding and communicating about dynamic systems. *European Journal of Operational Research*, 228(3), 623–634.
- Hardin, G., 1968. *The Tragedy of the Commons*.
- Harrison, G. W., List, J. A., 2004, Field Experiments. In *Journal of Economic Literature: Vol. XLII*.
- Harrison, G. W., Lau, Morten I., Rutström, E.E., 2007, Estimating Risk Attitudes in Denmark: A Field Experiment, *Scand. J. of Economics* 109(2), 341–368, 2007.
- Hoegh-Guldberg, Ove., 2009, *The coral triangle and climate change : ecosystems, people and societies at risk : summary*. WWF Australia.
- Holt, C. A., & Laury, S. K., 2002, *Risk Aversion and Incentive Effects*.
- Kahneman, D., & Tversky, A., 1979, *PROSPECT THEORY: AN ANALYSIS OF DECISION UNDER RISK*.
- Kim, D. H., 2000, *Systems archetypes I*. Pegasus Communications.
- Kunc, M. H., & Morecroft, J. D. W., 2010, Managerial decision making and firm performance under a resource-based paradigm. *Strategic Management Journal*, 31(11), 1164–1182.
- Lane, D. C., & Rouwette, E. A. J. A., 2023, Towards a behavioural system dynamics: Exploring its scope and delineating its promise. *European Journal of Operational Research*, 306(2), 777–794.
- Libecap, G. D., 2009, The tragedy of the commons: Property rights and markets as solutions to resource and environmental problems. *Australian Journal of Agricultural and Resource Economics*, 53(1), 129–144.
- Marvuglia, A., Bayram, A., Baustert, P., Gutiérrez, T. N., & Igos, E., 2022, Agent-based modelling to simulate farmers' sustainable decisions: Farmers' interaction and resulting green consciousness evolution. *Journal of Cleaner Production*, 332.

- Mingers, J., & White, L., 2010, A review of the recent contribution of systems thinking to operational research and management science. In *European Journal of Operational Research* (Vol. 207, Issue 3, pp. 1147–1161).
- Morecroft, J. D., 1982, *System Dynamics Portraying Bounded Rationality* (Vol. 11, Issue 2).
- Moxnes, E., & Forrester, J. W., 2000, Not only the tragedy of the commons: misperceptions of feedback and policies for sustainable development. In *Dyn. Rev* (Vol. 16).
- Ngo, T. T., & Vu, T. H., 2025, The impacts of psychological capital, risk-taking propensity, and entrepreneurial competence on the sustainability performance of SMEs. *Cogent Business and Management*, 12(1).
- Ortiz-Barrios, M., Ishizaka, A., Barbati, M., Arias-Fonseca, S., Khan, J., Gul, M., Yücesan, M., Alfaro-Saíz, J. J., & Pérez-Aguilar, A., 2024, Integrating discrete-event simulation and artificial intelligence for shortening bed waiting times in hospitalization departments during respiratory disease seasons. *Computers and Industrial Engineering*, 194.
- Osborne, M. J., 2000, *An Introduction to Game Theory*.
- Pérez Briceño, C., Ponce, P., Robinson Fayek, A., Anthony, B., Bradley, R., & Molina, A. (2025). Discrete event simulation for photovoltaic integration in sustainable manufacturing— A review and future directions. In *Renewable and Sustainable Energy Reviews* (Vol. 216). Elsevier Ltd. <https://doi.org/10.1016/j.rser.2025.115676>
- Pérez-Pérez, J. F., Parra, J. F., & Serrano-García, J. (2021). A system dynamics model: Transition to sustainable processes. *Technology in Society*, 65.
- Purnama, S. A. S., Arini, H. M., & Wijayanto, T., 2022, Insight and Transfer of Learning Measurement on Discrete Event Simulation (DES) User Using Usability Method and Eye-Tracking. *IEEE International Conference on Industrial Engineering and Engineering Management, 2022-December*, 605–609.
- Repenning, N. P., & Sterman, J. D., 2002, Capability traps and self-confirming attribution errors in the dynamics of process improvement. *Administrative Science Quarterly*, 47(2), 265–295.

- Rizzati, M., & Landoni, M., 2024, A systematic review of agent-based modelling in the circular economy: Insights towards a general model. *Structural Change and Economic Dynamics*, 69, 617–631.
- Romer, David., Kihlstrom, R.E., Williams, Steve., 1980, Risk Aversion With Random Initial Wealth.
- Santoso, A., 2010, STUDI DESKRIPTIF EFFECT SIZE PENELITIAN-PENELITIAN DI FAKULTAS PSIKOLOGI UNIVERSITAS SANATA DHARMA. *Jurnal Penelitian* Vol. 14, No. 1.
- Simon, H. A., 1979, American Economic Association Rational Decision Making in Business Organizations. In *Source: The American Economic Review* (Vol. 69, Issue 4).
- Sitkin, S. B., & Pablo, A. L., 1992, Reconceptualizing the Determinants of Risk Behavior. In *Source: The Academy of Management Review* (Vol. 17, Issue 1).
- Smith, W. K., 2014, Dynamic decision making: A model of senior leaders managing strategic paradoxes. *Academy of Management Journal*, 57(6), 1592–1623.
- Sterman, John., 2000, *Business dynamics : systems thinking and modeling for a complex world*. Irwin/McGraw-Hill
- Sterman, J., & King, A., 2013, *FISHBANKS SIMULATION INSTRUCTORS' GUIDE: SETUP AND PLAYER BRIEFING*.
- Suresh, K., and Chandrashekhara, S., 2012, Sample size estimation and power analysis for clinical research studies. *Journal of Human Reproductive Sciences*, Vol.5, No.1, pp.7.
- Tongco, Ma. D. C., 2007, Purposive Sampling as a Tool for Informant Selection. *Ethnobotany Research & Applications*.
- Vidoni, M., 2022, Beyond Hard and Soft OR: operational research from a software engineering perspective. *Journal of the Operational Research Society*, 73(4), 693–715.
- Whelan, J. G., 1994, *Building the Fish Banks Model and Renewable Resource Depletion*.
- White, L., 2016, Behavioural operational research: Towards a framework for understanding behaviour in or interventions. *European Journal of Operational Research*, 249(3), 827–841.

- Zhang, H., & Lin, Y., 2023, Modeling and evaluation of ergonomic risks and controlling plans through discrete-event simulation. *Automation in Construction*, 152.
- Zhao, P., Ma, S. C., & An, H., 2024, Market-driven transformation policy for mobility electrification: An agent-based modelling approach. *Transportation Research Part D: Transport and Environment*, 129.
- Zhu, X. S., Wolfson, M. A., Dalal, D. K., & Mathieu, J. E., 2021, Team Decision Making: The Dynamic Effects of Team Decision Style Composition and Performance via Decision Strategy. *Journal of Management*, 47(5), 1281–1304.