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## Publications

**Applications of artificial intelligence in closed-loop supply chains: Systematic literature review and future research agenda**  
Bhattacharya, S., Govindan, K., Ghosh Dastidar, S. & Sharma, P., Apr 2024, In: Transportation Research Part E: Logistics and Transportation Review. 184, 103455.

**Development of a novel psychological model to predict the eco-block building adoption in Mauritius**  
Joyram, H., Govindan, K. & Nunkoo, R., Mar 2024, In: Cleaner and Responsible Consumption. 12, 19 p., 100172.

**How are the barriers of social sustainability perceived in a multi-tier supply chain? A case of textile and clothing industry**  
Shaw, M., Majumdar, A. & Govindan, K., Mar 2024, In: Operations Management Research. 17, 1, p. 91-113

**Entry mode selection for a new entrant of the electric vehicle automaker**  
Fang, L., Li, Y. & Govindan, K., 16. Feb 2024, In: European Journal of Operational Research. 313, 1, p. 270-280

**Strategic information sharing in the dual-channel closed loop supply chain with nonlinear production cost**  
Wang, T. Y., Chen, Z. S., Wang, X. J., Govindan, K. & Skibniewski, M. J., Feb 2024, In: Information Sciences. 657, 26 p., 119944.

**Decision analysis of supply chain considering yield uncertainty and CSR under different market power structures**  
Chen, N., Cai, J. & Govindan, K., 1. Jan 2024, In: Journal of Cleaner Production. 434, 139006.

**Modelling of barriers in implementing sustainable manufacturer-supplier collaboration and coping strategies**  
Aditi, Govindan, K. & Jha, P. C., 1. Jan 2024, In: Journal of Cleaner Production. 434, 37 p., 139635.

**Blockchain technology as a strategic weapon to bring procurement 4.0 truly alive: Literature review and future research agenda**  
Govindan, K., Jain, P., Kr. Singh, R. & Mishra, R., Jan 2024, In: Transportation Research Part E: Logistics and Transportation Review. 181, 103352.

**A CM-BWM Approach to Determinants of Open Innovation in Small and Medium-Sized Enterprises**  
Silva, J. R. B., Ferreira, F. A. F., Govindan, K., Ferreira, N. C. M. Q. F. & Correia, R. J. C., 2024, In: IEEE Transactions on Engineering Management. 71, p. 2561-2578

**A framework for the systematic implementation of Green-Lean and sustainability in SMEs**  
Siegel, R., Antony, J., Govindan, K., Garza-Reyes, J. A., Lameijer, B. & Samadhiya, A., 2024, In: Production Planning and Control. 35, 1, p. 71-89

**Biobjective Optimization Model for Store Selection for BOPS Service in Omni-Channel Retail Chain**  
Jain, A., Darbari, J. D., Govindan, K., Ramanathan, U. & Jha, P. C., 2024, In: IEEE Transactions on Engineering Management. 71, p. 3028-3043

**Effects of Online Consumer Reviews on a Dual-Channel Closed-Loop Supply Chain With Trade-In**  
Xiao, L., Chen, Z. S., Govindan, K. & Skibniewski, M. J., 2024, In: IEEE Transactions on Engineering Management. 71, p. 2168-2183

**How Artificial Intelligence Drives Sustainable Frugal Innovation: A Multitheoretical Perspective**

Govindan, K., 2024, In: IEEE Transactions on Engineering Management. 71, p. 638-655

**Theory Building Through Corporate Social Responsibility 4.0 for Achieving SDGs: A Practical Step Toward Integration of Digitalization With Practice-Based View and Social Good Theory**

Govindan, K., 2024, In: IEEE Transactions on Engineering Management. 71, p. 2103-2120

**Rethinking urban quality of life: Unveiling causality links using cognitive mapping, neutrosophic logic and DEMATEL**

Vaz-Patto, C. M. R. P., Ferreira, F. A. F., Govindan, K. & Ferreira, N. C. M. Q. F., 1. Jul 2024, In: European Journal of Operational Research. 316, 1, p. 310-328

**The contingency effects of dependence relationship on supply chain information sharing and agility**

Bai, C., Govindan, K. & Huo, B., 1. Dec 2023, In: International Journal of Logistics Management. 34, 6, p. 1808-1832

**Spillover effects of live streaming selling in a dual-channel supply chain**

Yang, W., Govindan, K. & Zhang, J., Dec 2023, In: Transportation Research Part E: Logistics and Transportation Review. 180, 103298.

**Would your company's resilience be internally viable after COVID-19 pandemic disruption? A new PADRIC-based diagnostic methodology**

Mohammed, A., Yazdani, M., Govindan, K., Chatterjee, P. & Hubbard, N., Dec 2023, In: Transportation Research Part E: Logistics and Transportation Review. 180, 19 p., 103183.

**Analysis of supplier evaluation and selection strategies for sustainable collaboration: A combined approach of best-worst method and TOMada de Decisao Interativa Multicriterio**

Govindan, K., Aditi, Kaul, A., Darbari, J. D. & Jha, P. C., Nov 2023, In: Business Strategy and the Environment. 32, 7, p. 4426-4447

**Coordination in a closed-loop sustainable supply chain considering dual-channel and cost-sharing contract: Evidence from an emerging economy**

Mahdiraji, H. A., Govindan, K., Madadi, S. & Garza-Reyes, J. A., Nov 2023, In: Journal of the Operational Research Society. 74, 11, p. 2362-2381 20 p.

**Pricing strategies in a dual-channel green closed-loop supply chain considering incentivized recycling and circular economy**

Khorshidvand, B., Guitouni, A., Govindan, K. & Soleimani, H., 15. Oct 2023, In: Journal of Cleaner Production. 423, 138738.

**A conceptual framework for information-leakage-resilience**

Wong, W. P., Tan, K. H., Govindan, K., Li, D. & Kumar, A., Oct 2023, In: Annals of Operations Research. 329, 1-2, p. 931-951

**A decision support system for selection and risk management of sustainability governance approaches in multi-tier supply chain**

Jamalnia, A., Gong, Y., Govindan, K., Bourlakis, M. & Mangla, S. K., Oct 2023, In: International Journal of Production Economics. 264, p. 25 108960.

**Blockchain adoption in sustainable supply chains for Industry 5.0: A multistakeholder perspective**

Wang, Z. J., Chen, Z. S., Xiao, L., Su, Q., Govindan, K. & Skibniewski, M. J., Oct 2023, In: Journal of Innovation & Knowledge. 8, 4, 22 p., 100425.

**Emergence of open supply chain management: the role of open innovation in the future smart industry using digital twin network**

Rahmanzadeh, S., Pishvae, M. S. & Govindan, K., Oct 2023, In: Annals of Operations Research. 329, 1-2, p. 979-1007

**"Life After Coal": Renewable Energy Impacts on SME Conduct**

Estupendo, G. F., Ferreira, F., Govindan, K., J. C. Correia, R., Pereira, L. & Meidute-Kavaliauskiene, I., Oct 2023, In: IEEE Transactions on Engineering Management. 70, 10, p. 3571-3586

**Optimal eco-label choice strategy for environmentally responsible corporations considering government regulations**

Hou, Y., Guo, P., Kannan, D. & Govindan, K., 15. Sept 2023, In: Journal of Cleaner Production. 418, 17 p., 138013.

**How digitalization transforms the traditional circular economy to a smart circular economy for achieving SDGs and net zero**

Govindan, K., Sept 2023, In: Transportation Research Part E: Logistics and Transportation Review. 177, 25 p., 103147.

**Interval-valued Fermatean fuzzy heronian mean operator-based decision-making method for urban climate change policy for transportation activities**

Mishra, A. R., Rani, P., Deveci, M., Gokasar, I., Pamucar, D. & Govindan, K., Sept 2023, In: Engineering Applications of Artificial Intelligence. 124, 23 p., 106603.

**Net-zero economy research in the field of supply chain management: a systematic literature review and future research agenda**

Mishra, R., Singh, R. & Govindan, K., 25. Aug 2023, In: International Journal of Logistics Management. 34, 5, p. 1352-1397

**Circular economy e-business model portfolio development for e-business applications: Impacts on ESG and sustainability performance**

Fatimah, Y. A., Kannan, D., Govindan, K. & Hasibuan, Z. A., 20. Aug 2023, In: Journal of Cleaner Production. 415, 137528.

**Board structure and financial performance in the logistics sector: Do contingencies matter?**

Govindan, K., Karaman, A. S., Uyar, A. & Kilic, M., Aug 2023, In: Transportation Research Part E: Logistics and Transportation Review. 176, 17 p., 103187.

**Designing supply chain strategies against epidemic outbreaks such as COVID-19: Review and future research directions**

Govindan, K., Sethi, S. P., Cheng, T. C. E. & Lu, S. F., Aug 2023, In: Decision Sciences. 54, 4, p. 365-374

**Multi-tier supply chain network design: A key towards sustainability and resilience**

Mohammed, A., Govindan, K., Zubairu, N., Pratabaraj, J. & Abideen, A. Z., Aug 2023, In: Computers and Industrial Engineering. 182, 18 p., 109396.

**Redesign of the sustainable wheat-flour-bread supply chain network under uncertainty: An improved robust optimization**

Yousefi-Babadi, A., Bozorgi-Amiri, A., Tavakkoli-Moghaddam, R. & Govindan, K., Aug 2023, In: Transportation Research Part E: Logistics and Transportation Review. 176, 37 p., 103215.

**A hybrid approach using Z-number DEA model and Artificial Neural Network for Resilient supplier Selection**

Nazari-Shirkouhi, S., Tavakoli, M., Govindan, K. & Mousakhani, S., 15. Jul 2023, In: Expert Systems with Applications. 222, 16 p., 119746.

**The transition to electric vehicles and a net zero economy: A model based on circular economy, stakeholder theory, and system thinking approach**

Demartini, M., Ferrari, M., Govindan, K. & Tonelli, F., 15. Jul 2023, In: Journal of Cleaner Production. 410, 23 p., 137031.

**Nonparametric numerical approaches to probability weighting function construct for manifestation and prediction of risk preferences**

Wu, S., Chen, Z-S., Pedrycz, W., Govindan, K. & Chin, K-S., 14. Jul 2023, In: Technological and Economic Development of Economy. 29, 4, p. 1127-1167

**Overcoming barriers to implement digital technologies to achieve sustainable production and consumption in the food sector: A circular economy perspective**

Sharma, M., Joshi, S. & Govindan, K., Jul 2023, In: Sustainable Production and Consumption. 39, p. 203-215

**Resource reallocation strategies for sustainable efficiency improvement of retail chains**

Gupta, A., Pachar, N., Jain, A., Govindan, K. & Jha, P. C., Jul 2023, In: Journal of Retailing and Consumer Services. 73, 13 p., 103309.

**Understanding the key determinants of IoT adoption for the digital transformation of the food and beverage industry**

Ali, I., Aboelmaged, M., Govindan, K. & Malik, M., 27. Jun 2023, In: Industrial Management and Data Systems. 123, 7, p. 1887-1910

**Sustainable hierarchical multi-modal hub network design problem: bi-objective formulations and solution algorithms**

Nasiri, M. M., Khaleghi, A., Govindan, K. & Bozorgi-Amiri, A., Jun 2023, In: Operational Research. 23, 2, 62 p., 35.

**Optimal selection and investment-allocation decisions for sustainable supplier development practices**

Bai, C., Govindan, K. & Dhavale, D., 30. May 2023, (E-pub ahead of print) In: Annals of Operations Research.

**A framework to measure readiness and barriers for the implementation of Industry 4.0: A case approach**

Govindan, K. & Arampatzis, G., May 2023, In: Electronic Commerce Research and Applications. 59, 26 p., 101249.

**The role of reverse logistics in a circular economy for achieving sustainable development goals: a multiple case study of retail firms**

Butt, A. S., Ali, I. & Govindan, K., 10. Apr 2023, (E-pub ahead of print) In: Production Planning and Control.

**A novel bi-objective optimization model for an eco-efficient reverse logistics network design configuration**

Kannan, D., Solanki, R., Darbari, J. D., Govindan, K. & Jha, P. C., 25. Mar 2023, In: Journal of Cleaner Production. 394, 27 p., 136357.

**Analysis of Supplier Development Strategies for Climate Change Mitigation and Adaptation**

Aditi, Kannan, D. & Govindan, K., 23. Mar 2023, *Towards a Sustainable Arctic: International Security, Climate Change and Green Shipping*. Goodsite, M. & Swanström, N. (eds.). World Scientific, p. 213-230

**A decision support model for selecting unmanned aerial vehicle for medical supplies: context of COVID-19 pandemic**

Banik, D., Ibne Hossain, N. U., Govindan, K., Nur, F. & Babski-Reeves, K., 14. Mar 2023, In: International Journal of Logistics Management. 34, 2, p. 473-496

**A location-inventory-routing problem to design a circular closed-loop supply chain network with carbon tax policy for achieving circular economy: An augmented epsilon-constraint approach**

Govindan, K., Salehian, F., Kian, H., Hosseini, S. T. & Mina, H., Mar 2023, In: International Journal of Production Economics. 257, 18 p., 108771.

**A machine learning driven multiple criteria decision analysis using LS-SVM feature elimination: Sustainability performance assessment with incomplete data**

Ijadi Maghsoodi, A., Torkayesh, A. E., Wood, L. C., Herrera-Viedma, E. & Govindan, K., Mar 2023, In: Engineering Applications of Artificial Intelligence. 119, 105785.

**A multivariate quantitative approach for sustainability performance assessment: An upstream oil and gas company**

Salmanzadeh-Meydani, N., Ghomi, S. M. T. F., Haghghi, S. S. & Govindan, K., Mar 2023, In: Environment, Development and Sustainability. 25, 3, p. 2777-2807

**Alliance strategy in an online retailing supply chain: Motivation, choice, and equilibrium**

Wang, T. Y., Chen, Z. S., He, P., Govindan, K. & Skibniewski, M. J., Feb 2023, In: Omega. 115, 15 p., 102791.

**Pathways to low carbon energy transition through multi criteria assessment of offshore wind energy barriers**  
Govindan, K., Feb 2023, In: Technological Forecasting and Social Change. 187, 16 p., 122131.

**Sudden-onset disaster resilience considering functionality improvement planning: An upstream oil and gas company**  
Salmanzadeh-Meydani, N., Fatemi Ghomi, S. M. T., Haghghi, S. S. & Govindan, K., Feb 2023, In: Journal of Loss Prevention in the Process Industries. 81, 14 p., 104956.

**Doing good to be green and live clean! - Linking corporate social responsibility strategy, green innovation, and environmental performance: Evidence from Maldivian and Moroccan small and medium-sized enterprises**  
Simmou, W., Govindan, K., Sameer, I., Hussainey, K. & Simmou, S., 15. Jan 2023, In: Journal of Cleaner Production. 384, 135265.

**Resource planning strategies for healthcare systems during a pandemic**  
Fattahi, M., Keyvanshokoh, E., Kannan, D. & Govindan, K., 1. Jan 2023, In: European Journal of Operational Research. 304, 1, p. 192-206

**Unveiling coordination contracts' roles considering circular economy and eco-innovation toward pharmaceutical supply chain resiliency: Evidence of an emerging economy**  
Amoozad Mahdiraji, H., Govindan, K., Yaftiyan, F., Garza-Reyes, J. A. & Razavi Hajiagha, S. H., 1. Jan 2023, In: Journal of Cleaner Production. 382, 1, 17 p., 135135.

**Outsourcing logistics operations in circular economy towards to sustainable development goals**  
Zarbakshnia, N., Govindan, K., Kannan, D. & Goh, M., Jan 2023, In: Business Strategy and the Environment. 32, 1, p. 134-162

**Sub-supplier's sustainability management in multi-tier supply chains: A systematic literature review on the contingency variables, and a conceptual framework**  
Jamalnia, A., Gong, Y. & Govindan, K., Jan 2023, In: International Journal of Production Economics. 255, 25 p., 108671.

**Sustainable network design of bioenergies generation based on municipal solid waste (MSW) management under uncertainty**  
Alidoosti, Z., Sadegheih, A., Govindan, K. & Pishvae, M. S., Jan 2023, In: Journal of Renewable and Sustainable Energy. 15, 1, 013103.

**Extenuating operational risks through digital transformation of agri-food supply chains**  
Ali, I. & Govindan, K., 2023, In: Production Planning and Control. 34, 12, p. 1165-1177

**Prioritizing adoption barriers of platforms based on blockchain technology from balanced scorecard perspectives in healthcare industry: a structural approach**  
Govindan, K., Nasr, A. K., Saeed Heidary, M., Nosrati-Abargooee, S. & Mina, H., 2023, In: International Journal of Production Research. 61, 11, p. 3512-3526

**Supply chain mapping: a proposed construct**  
Mubarik, M. S., Kusi-Sarpong, S., Govindan, K., Khan, S. A. & Oyedijo, A., 2023, In: International Journal of Production Research. 61, 8, p. 2653-2669

**Assessing the performance of unmanned aerial vehicle for logistics and transportation leveraging the Bayesian network approach**  
Hossain, N. U. I., Sakib, N. & Govindan, K., 15. Dec 2022, In: Expert Systems with Applications. 209, 17 p., 118301.

**Barriers of social sustainability: an improved interpretive structural model of Indian textile and clothing supply chain**  
Shaw, M., Majumdar, A. & Govindan, K., Dec 2022, In: Sustainable Development. 30, 6, p. 1616-1633

**Challenges and perspectives of the Industry 4.0 technologies within the last-mile and first-mile reverse logistics: A systematic literature review**

Agnusdei, G. P., Gnoni, M. G., Sgarbossa, F. & Govindann, K., Dec 2022, In: Research in Transportation Business & Management. 45, Part C, 14 p., 100896.

**Tunneling the barriers of blockchain technology in remanufacturing for achieving sustainable development goals: A circular manufacturing perspective**

Govindan, K., Dec 2022, In: Business Strategy and the Environment. 31, 8, p. 3769-3785 17 p.

**Corrigendum to "Manufacturer's selling mode choice in a platform-oriented dual channel supply chain" [Expert Syst. Appl. 198 (2022) 116842]**

Wang, T. Y., Chen, Z. S., Govindan, K. & Chin, K. S., 30. Nov 2022, In: Expert Systems with Applications. 207, 118031.

**Product design and pricing strategies in a closed-loop supply chain with patent protection**

Xiao, L., Wu, Z. Y., Zhang, S. L., Chen, Z. S. & Govindan, K., 30. Nov 2022, In: Kybernetes. 51, 12, p. 3656-3680

**A novel buy-back contract coordination mechanism for a manufacturer-retailer circular supply chain regenerating expired products**

Momeni, M. A., Jain, V., Govindan, K., Mostofi, A. & Fazel, S. J., 15. Nov 2022, In: Journal of Cleaner Production. 375, 14 p., 133319.

**Green reverse logistics network design for medical waste management: A circular economy transition through case approach**

Govindan, K., Nosrati-Abarghoee, S., Nasiri, M. M. & Jolai, F., 15. Nov 2022, In: Journal of Environmental Management. 322, 115888.

**Closed loop supply chains 4.0: From risks to benefits through advanced technologies. A literature review and research agenda**

Simonetto, M., Sgarbossa, F., Battini, D. & Govindan, K., Nov 2022, In: International Journal of Production Economics. 253, 26 p., 108582.

**Measuring urban digitalization using cognitive mapping and the best worst method (BWM)**

Vieira, F. C., Ferreira, F. A. F., Govindan, K., Ferreira, N. C. M. Q. F. & Banaitis, A., Nov 2022, In: Technology in Society. 71, 102131.

**Optimal pricing decision in a multi-channel supply chain with a revenue-sharing contract**

Chen, Z. S., Wu, S., Govindan, K., Wang, X. J., Chin, K. S. & Martínez, L., Nov 2022, In: Annals of Operations Research. 318, 1, p. 67-102

**Pricing policy in green supply chain design: the impact of consumer environmental awareness and green subsidies**

Shoaeinaeini, M., Govindan, K. & Rahmani, D., Sept 2022, In: Operational Research. 22, 4, p. 3989-4028

**The resilience of on-time delivery to capacity and material shortages: An empirical investigation in the automotive supply chain**

Carvalho, H., Naghshineh, B., Govindan, K. & Cruz-Machado, V., Sept 2022, In: Computers and Industrial Engineering. 171, 108375.

**A new dynamic multi-attribute decision making method based on Markov chain and linear assignment**

Hajiagha, S. H. R., Heidary-Dahooie, J., Meidutė-Kavaliauskienė, I. & Govindan, K., Aug 2022, In: Annals of Operations Research. 315, 1, p. 159-191

**An integrated economic disposal and lot-sizing problem for perishable inventories with batch production and corrupt stock-dependent holding cost**

Vahdani, M., Sazvar, Z. & Govindan, K., Aug 2022, In: Annals of Operations Research. 315, 2, p. 2135-2167

**Low carbon inventory model for vendor–buyer system with hybrid production and adjustable production rate under stochastic demand**

Jauhari, W. A., Pujawan, I. N., Suef, M. & Govindan, K., Aug 2022, In: Applied Mathematical Modelling. 108, p. 840-868

**Supply Chain 4.0 performance measurement: A systematic literature review, framework development, and empirical evidence**

Govindan, K., Kannan, D., Jørgensen, T. B. & Nielsen, T. S., Aug 2022, In: Transportation Research Part E: Logistics and Transportation Review. 164, 41 p., 102725.

**Sustainable performance measurement of Indian retail chain using two-stage network DEA**

Pachar, N., Darbari, J. D., Govindan, K. & Jha, P. C., Aug 2022, In: Annals of Operations Research. 315, 2, p. 1477-1515

**Manufacturer's selling mode choice in a platform-oriented dual channel supply chain**

Wang, T. Y., Chen, Z. S., Govindan, K. & Chin, K. S., 15. Jul 2022, In: Expert Systems with Applications. 198, 12 p., 116842.

**A causality analysis of risks to perishable product supply chain networks during the COVID-19 outbreak era: An extended DEMATEL method under Pythagorean fuzzy environment**

Shafiee, M., Zare-Mehrjerdi, Y., Govindan, K. & Dastgoshade, S., Jul 2022, In: Transportation Research Part E: Logistics and Transportation Review. 163, 17 p., 102759.

**Fuzzy multi-objective programming: A systematic literature review**

Karimi, N., Feylizadeh, M. R., Govindan, K. & Bagherpour, M., 15. Jun 2022, In: Expert Systems with Applications. 196, 19 p., 116663.

**Barriers to the adoption of circular economy practices in Micro, Small and Medium Enterprises: Instrument development, measurement and validation: Barrier to the adoption of circular economy practices**

Mishra, R., Singh, R. K. & Govindan, K., 1. Jun 2022, In: Journal of Cleaner Production. 351, 14 p., 131389.

**A comprehensive review on the adoption of insulated block/eco-block as a green building technology from a resident perspective**

Joyram, H., Govindan, K. & Nunkoo, R., Jun 2022, In: Cleaner Engineering and Technology. 8, 33 p., 100480.

**Circular economy adoption barriers: An extended fuzzy best–worst method using fuzzy DEMATEL and Supermatrix structure**

Govindan, K., Nasr, A. K., Karimi, F. & Mina, H., May 2022, In: Business Strategy and the Environment. 31, 4, p. 1566-1586

**An investigation into modelling approaches for industrial symbiosis: A literature review and research agenda**

Demartini, M., Tonelli, F. & Govindan, K., Mar 2022, In: Cleaner Logistics and Supply Chain. 3, 11 p., 100020.

**Data-Driven Rolling Horizon Approach for Dynamic Design of Supply Chain Distribution Networks under Disruption and Demand Uncertainty**

Fattahi, M. & Govindan, K., Feb 2022, In: Decision Sciences. 53, 1, p. 150-180

**Sustainable agriculture supply chain network design considering water-energy-food nexus using queuing system: A hybrid robust possibilistic programming**

Baghizadeh, K., Cheikhrouhou, N., Govindan, K. & Ziyarati, M., Feb 2022, In: Natural Resource Modeling. 35, 1, 39 p., e12337.

**A comprehensive framework for sustainable closed-loop supply chain network design**

Tavana, M., Kian, H., Nasr, A. K., Govindan, K. & Mina, H., 15. Jan 2022, In: Journal of Cleaner Production. 332, 129777.

**Urban blight remediation strategies subject to seasonal constraints**

Ferreira, F. A. F., Spahr, R. W., Sunderman, M. A., Govindan, K. & Meidutė-Kavaliauskienė, I., 1. Jan 2022, In: European Journal of Operational Research. 296, 1, p. 277-288

**Energy performance contracting in a supply chain with financially asymmetric manufacturers under carbon tax regulation for climate change mitigation**

Xu, S., Fang, L. & Govindan, K., Jan 2022, In: Omega. 106, 26 p., 102535.

**Financing equilibrium in a capital constrained supply Chain: The impact of credit rating**

Jiang, W. H., Xu, L., Chen, Z. S., Govindan, K. & Chin, K. S., Jan 2022, In: Transportation Research Part E: Logistics and Transportation Review. 157, 27 p., 102559.

**Multiobjective capacitated green vehicle routing problem with fuzzy time-distances and demands split into bags**

Gupta, P., Govindan, K., Mehlawat, M. K. & Khaitan, A., 2022, In: International Journal of Production Research. 60, 8, p. 2369-2385

**Preface**

Govindan, K., Kumar, H. & Yadav, S., 2022, *Advances in Mechanical and Materials Technology: Select Proceedings of EMSME 2020*. Govindan, K., Kumar, H. & Yadav, S. (eds.). Springer, Vol. 2. p. v (Lecture Notes in Mechanical Engineering).

**Preface**

Govindan, K., Kumar, H. & Yadav, S., 2022, *Advances in Mechanical and Materials Technology: Select Proceedings of EMSME 2020*. Govindan, K., Kumar, H. & Yadav, S. (eds.). Springer, p. v 1 p. (Lecture Notes in Mechanical Engineering).

**The circular transition of the automotive sector in Italy: A system dynamics model**

Ferrari, M., Demartini, M., Tonelli, F. & Govindan, K., 2022, In: Proceedings of the Summer School Francesco Turco.

**Medical waste management during coronavirus disease 2019 (COVID-19) outbreak: A mathematical programming model**

Govindan, K., Nasr, A. K., Mostafazadeh, P. & Mina, H., Dec 2021, In: Computers and Industrial Engineering. 162, 12 p., 107668.

**Designing a model to estimate the level of university social responsibility based on rough sets**

Sadeghi Moghadam, M. R., Govindan, K., Dahooie, J. H., Mahvelati, S. & Meidute-Kavaliauskiene, I., 15. Nov 2021, In: Journal of Cleaner Production. 324, 129178.

**Artificial intelligence-based human-centric decision support framework: an application to predictive maintenance in asset management under pandemic environments**

Chen, J., Lim, C. P., Tan, K. H., Govindan, K. & Kumar, A., 11. Nov 2021, (E-pub ahead of print) In: Annals of Operations Research.

**Assessing cyber resilience of additive manufacturing supply chain leveraging data fusion technique: A model to generate cyber resilience index of a supply chain**

Rahman, S., Hossain, N. U. I., Govindan, K., Nur, F. & Bappy, M., Nov 2021, In: CIRP Journal of Manufacturing Science and Technology. 35, p. 911-928

**Investigating drivers of circular supply chain with product-service system in automotive firms of an emerging economy**

Nag, U., Sharma, S. K. & Govindan, K., 15. Oct 2021, In: Journal of Cleaner Production. 319, 19 p., 128629.

**Prioritising risk mitigation strategies for environmentally sustainable clothing supply chains: Insights from selected organisational theories**

Majumdar, A., Sinha, S. K. & Govindan, K., Oct 2021, In: Sustainable Production and Consumption. 28, p. 543-555



**"Cities go smart!": A system dynamics-based approach to smart city conceptualization**

Nunes, S. A. S., Ferreira, F. A. F., Govindan, K. & Pereira, L. F., 1. Sept 2021, In: Journal of Cleaner Production. 313, 15 p., 127683.

**Analyzing blight impacts on urban areas: A multi-criteria approach**

Pinto, A. M. F., Ferreira, F. A. F., Spahr, R. W., Sunderman, M. A., Govindan, K. & Meidutė-Kavaliauskienė, I., Sept 2021, In: Land Use Policy. 108, 105661.

**Product pricing problem in green and non-green multi-channel supply chains under government intervention and in the presence of third-party logistics companies**

Mahmoudi, A., Govindan, K., Shishebori, D. & Mahmoudi, R., Sept 2021, In: Computers & Industrial Engineering. 159, 17 p., 107490.

**Analysis of the sharing economy effect on sustainability in the transportation sector using fuzzy cognitive mapping**

Nozari, M. A., Ghadikolaei, A. S., Govindan, K. & Akbari, V., 15. Aug 2021, In: Journal of Cleaner Production. 311, 14 p., 127331.

**How to drive green innovation in China's mining enterprises? Under the perspective of environmental legitimacy and green absorptive capacity**

Zhou, M., Govindan, K., Xie, X. & Yan, L., Aug 2021, In: Resources Policy. 72, 13 p., 102038.

**Issues and solutions of electronic waste urban mining for circular economy transition: An Indian context**

Sharma, M., Joshi, S. & Govindan, K., 15. Jul 2021, In: Journal of Environmental Management. 290, 14 p., 112373.

**Supply chain strategies as drivers of financial performance in liquefied natural gas networks**

Zubairu, N., Dinwoodie, J., Govindan, K., Hunter, L. & Roh, S., 13. Jul 2021, In: Supply Chain Management. 26, 5, p. 579-591

**Closing the loop: Redesigning sustainable reverse logistics network in uncertain supply chains**

Shahparvari, S., Soleimani, H., Govindan, K., Bodaghi, B., Fard, M. T. & Jafari, H., Jul 2021, In: Computers and Industrial Engineering. 157, 21 p., 107093.

**Consumer behaviour aspects towards remanufactured electronic products in an emerging economy: Effects on demand and related risks**

Kerber, J. C., de Souza, E. D., Bouzon, M., Cruz, R. M. & Govindan, K., Jul 2021, In: Resources, Conservation and Recycling. 170, 10 p., 105572.

**A mathematical programming approach for equitable COVID-19 vaccine distribution in developing countries**

Tavana, M., Govindan, K., Nasr, A. K., Heidary, M. S. & Mina, H., 3. Jun 2021, (E-pub ahead of print) In: Annals of Operations Research.

**From Sustainable Global Value Chains to Circular Economy—Different Silos, Different Perspectives, but Many Opportunities to Build Bridges**

Hofstetter, J. S., De Marchi, V., Sarkis, J., Govindan, M.E., PhD., K., Klassen, R., Ometto, A. R., Spraul, K. S., Bocken, N., Ashton, W. S., Sharma, S., Jaeger-Erben, M., Jensen, C., Dewick, P., Schröder, P., Sinkovics, N., Ibrahim, S. E., Fiske, L., Goerzen, A. & Vazquez-Brust, D., Jun 2021, In: Circular Economy and Sustainability. 1, 1, p. 21-47

**Robust network design for sustainable-resilient reverse logistics network using big data: A case study of end-of-life vehicles**

Govindan, K. & Gholizadeh, H., May 2021, In: Transportation Research Part E: Logistics and Transportation Review. 149, 102279.

**Structural model for analysis of key performance indicators for sustainable manufacturer–supplier collaboration: A grey-decision-making trial and evaluation laboratory-based approach**

Govindan, K., Aditi, Dhingra Darbari, J., Kaul, A. & Jha, P. C., May 2021, In: Business Strategy and the Environment. 30, 4, p. 1702-1722

**The transition from linear economy to circular economy for sustainability among SMEs: A study on prospects, impediments, and prerequisites**

Sharma, N. K., Govindan, K., Lai, K. K., Chen, W. K. & Kumar, V., May 2021, In: Business Strategy and the Environment. 30, 4, p. 1803-1822

**Strengthening urban sustainability: Identification and analysis of proactive measures to combat blight**

Barão, M. V. H. C., Ferreira, F. A. F., Spahr, R. W., Sunderman, M. A., Govindan, K. & Meidutė-Kavaliauskienė, I., 10. Apr 2021, In: Journal of Cleaner Production. 292, 15 p., 126026.

**Social sustainability of treatment technologies for bioenergy generation from the municipal solid waste using best worst method**

Alidoosti, Z., Ahmad sadegheih, S., Govindan, K., Pishvaei, M. S., Mostafaeipour, A. & Hossain, A. K., 15. Mar 2021, In: Journal of Cleaner Production. 288, 13 p., 125592.

**Third-party reverse logistics provider selection: A computational semantic analysis-based multi-perspective multi-attribute decision-making approach**

Chen, Z. S., Zhang, X., Govindan, K., Wang, X. J. & Chin, K. S., 15. Mar 2021, In: Expert Systems with Applications. 166, 23 p., 114051.

**Social sustainability tensions in multi-tier supply chain: A systematic literature review towards conceptual framework development**

Govindan, K., Shaw, M. & Majumdar, A., 10. Jan 2021, In: Journal of Cleaner Production. 279, 22 p., 123075.

**Corrigendum to "A fuzzy multi criteria approach for measuring sustainability performance of a supplier based on triple bottom line approach" [J. Clean. Prod. 47 (2013) 345–354] (Journal of Cleaner Production (2013) 47 (345–354), (S0959652612002016), (10.1016/j.jclepro.2012.04.014))**

Govindan, K., Khodaverdi, R. & Jafarian, A., 1. Jan 2021, In: Journal of Cleaner Production. 278, 1 p., 123672.

**On the sustainable perishable food supply chain network design: A dairy products case to achieve sustainable development goals**

Jouzani, J. & Govindan, K., 1. Jan 2021, In: Journal of Cleaner Production. 278, 20 p., 123060.

**Drivers and value-relevance of CSR performance in the logistics sector: A cross-country firm-level investigation**

Govindan, K., Kilic, M., Uyar, A. & Karaman, A. S., Jan 2021, In: International Journal of Production Economics. 231, 14 p., 107835.

**Balancing price and green quality in presence of consumer environmental awareness: a green supply chain coordination approach**

Heydari, J., Govindan, K. & Basiri, Z., 2021, In: International Journal of Production Research. 59, 7, p. 1957-1975

**Prioritising sustainable supply chain management practices by their impact on multiple interacting barriers**

Heydari Dahooie, J., Zamani Babgohari, A., Meidutė-Kavaliauskienė, I. & Govindan, K., 2021, In: International Journal of Sustainable Development and World Ecology. 28, 3, p. 267-290

**Sustainable supply chain planning for biomass-based power generation with environmental risk and supply uncertainty considerations: a real-life case study**

Fattahi, M., Govindan, K. & Farhadkhani, M., 2021, In: International Journal of Production Research. 59, 10, p. 3084-3108

**A chance constrained fuzzy goal programming approach for perishable pharmaceutical supply chain network design**

Zandkarimkhani, S., Mina, H., Biuki, M. & Govindan, K., Dec 2020, In: Annals of Operations Research. 295, 1, p. 425–452

### **Responsible & sustainable manufacturing**

Gupta, S. M., Güngör, A., Govindan, K., Özceylan, E., Kalaycı, C. B. & Piplani, R., Dec 2020, In: International Journal of Production Research. 58, 23, p. 7181-7182

### **Stochastic optimization of disruption-driven supply chain network design with a new resilience metric**

Fattahi, M., Govindan, K. & Maihami, R., Dec 2020, In: International Journal of Production Economics. 230, 16 p., 107755.

### **Internet of Things (IoT) adoption barriers of smart cities' waste management: An Indian context**

Sharma, M., Joshi, S., Kannan, D., Govindan, K., Singh, R. & Purohit, H. C., 10. Oct 2020, In: Journal of Cleaner Production. 270, 21 p., 122047.

### **Industry 4.0 based sustainable circular economy approach for smart waste management system to achieve sustainable development goals: A case study of Indonesia**

Fatimah, Y. A., Govindan, K., Murniningsih, R. & Setiawan, A., 1. Oct 2020, In: Journal of Cleaner Production. 269, 15 p., 122263.

### **Achieving sustainable development goals through identifying and analyzing barriers to industrial sharing economy: A framework development**

Govindan, K., Shankar, K. M. & Kannan, D., Sept 2020, In: International Journal of Production Economics. 227, 107575.

### **A Benders decomposition approach for a real case supply chain network design with capacity acquisition and transporter planning: wheat distribution network**

Naderi, B., Govindan, K. & Soleimani, H., 1. Aug 2020, In: Annals of Operations Research. 291, 1, p. 685-705

### **How fairness perceptions, embeddedness, and knowledge sharing drive green innovation in sustainable supply chains: An equity theory and network perspective to achieve sustainable development goals**

Zhou, M., Govindan, K. & Xie, X., 1. Jul 2020, In: Journal of Cleaner Production. 260, 120950.

### **Coordination by quantity flexibility contract in a two-echelon supply chain system: Effect of outsourcing decisions**

Heydari, J., Govindan, K., Ebrahimi Nasab, H. R. & Taleizadeh, A. A., Jul 2020, In: International Journal of Production Economics. 225, 13 p., 107586.

### **The effect of promotional cost sharing on the decisions of two-level supply chain with uncertain demand**

Taleizadeh, A. A., Govindan, K. & Ebrahimi, N., Jul 2020, In: Annals of Operations Research. 290, 1-2, p. 747-781

### **A decision support system for demand management in healthcare supply chains considering the epidemic outbreaks: A case study of coronavirus disease 2019 (COVID-19)**

Govindan, K., Mina, H. & Alavi, B., Jun 2020, In: Transportation Research Part E: Logistics and Transportation Review. 138, 14 p., 101967.

### **A fuzzy cognitive mapping-system dynamics approach to energy-change impacts on the sustainability of small and medium-sized enterprises**

Pereira, I. P. C., Ferreira, F. A. F., Pereira, L. F., Govindan, K., Meidutė-Kavaliauskienė, I. & Correia, R. J. C., 20. May 2020, In: Journal of Cleaner Production. 256, 17 p., 120154.

### **Analyzing determinants of environmental conduct in small and medium-sized enterprises: A sociotechnical approach**

Fonseca, J. P. C., Ferreira, F. A. F., Pereira, L. F., Govindan, K. & Meidutė-Kavaliauskienė, I., 20. May 2020, In: Journal of Cleaner Production. 256, 120380.

### **Supply chain sustainability and performance of firms: A meta-analysis of the literature**

Govindan, K., Rajeev, A., Padhi, S. S. & Pati, R. K., May 2020, In: Transportation Research Part E: Logistics and Transportation Review. 137, 22 p., 101923.

### **Unified fuzzy divergence measures with multi-criteria decision making problems for sustainable planning of an E-Waste recycling job selection**

Rani, P., Govindan, K., Mishra, A. R., Mardani, A., Alrasheedi, M. & Hooda, D. S., 2. Jan 2020, In: Symmetry. 12, 23 p., 90.

**An Integrated Hybrid Approach for Circular supplier selection and Closed loop Supply Chain Network Design under Uncertainty**

Govindan, K., Mina, H., Esmaeili, A. & Gholami-Zanjani, S. M., 1. Jan 2020, In: Journal of Cleaner Production. 242, 16 p., 118317.

**A novel hybrid multiple attribute decision-making approach for outsourcing sustainable reverse logistics**

Zarbakhshnia, N., Wu, Y., Govindan, K. & Soleimani, H., 1. Jan 2020, In: Journal of Cleaner Production. 242, 16 p., 118461.

**Grey DEMATEL technique for evaluating product return drivers: A Multiple stakeholders' perspective**

Bouzon, M., Govindan, K. & Taboada Rodriguez, C. M., Jan 2020, In: Environmental Engineering and Management Journal. 19, 1, p. 19-36

**Healthcare evaluation in hazardous waste recycling using novel interval-valued intuitionistic fuzzy information based on complex proportional assessment method**

Mishra, A. R., Rani, P., Mardani, A., Pardasani, K. R., Govindan, K. & Alrasheedi, M., Jan 2020, In: Computers and Industrial Engineering. 139, 106140.

**Differentiation competition between new and remanufactured products considering third-party remanufacturing**

Sun, X., Zhou, Y., Li, Y., Govindan, K. & Han, X., 2020, In: Journal of the Operational Research Society. 71, 1, p. 161-180

**In search for classification and selection of spare parts suitable for additive manufacturing: a literature review**

Frandsen, C. S., Nielsen, M. M., Chaudhuri, A., Jayaram, J. & Govindan, K., 2020, In: International Journal of Production Research. 58, 4, p. 970-996

**Just in Time Factory: Implementation Through Lean Manufacturing Tools**

Pinto, J. L. Q., Matias, J. C. O., Pimentel, C., Azevedo, S. G. & Govindan, M.E., PhD., K., 2020, Springer. (Management for Professionals).

**Guest editorial for NOFOMA 2018 conference special issue**

Stentoft, J., Freytag, P. V., Govindan, M.E., PhD., K. & Hjalager, A-M., 24. Dec 2019, In: International Journal of Physical Distribution & Logistics Management. 50, 1, p. 101-121 2 p.

**Effects of a secondary market on original equipment manufactures' pricing, trade-in remanufacturing, and entry decisions**

Li, Y., Feng, L., Govindan, K. & Xu, F., 16. Dec 2019, In: European Journal of Operational Research. 279, 3, p. 751-766

**A green home health care supply chain: New modified simulated annealing algorithms**

Fathollahi-Fard, A. M., Govindan, K., Hajiaghaei-Keshteli, M. & Ahmadi, A., 10. Dec 2019, In: Journal of Cleaner Production. 240, 118200.

**An integrated type-2 fuzzy decision model based on WASPAS and SECA for evaluation of sustainable manufacturing strategies**

Keshavarz-Ghorabae, M., Govindan, K., Amiri, M., Zavadskas, E. K. & Antucheviciene, J., 14. Nov 2019, In: Journal of Environmental Engineering and Landscape Management. 27, 4, p. 187-200

**A novel fuzzy reference-neighborhood rough set approach for green supplier development practices**

Bai, C., Govindan, K., Satir, A. & Yan, H., 11. Nov 2019, (E-pub ahead of print) In: Annals of Operations Research.

**A socio-technical approach to the assessment of sustainable tourism: Adding value with a comprehensive process-oriented framework**

Estêvão, R. S. G., Ferreira, F. A. F., Rosa, Á. A., Govindan, K. & Meidutė-Kavaliauskienė, I., 1. Nov 2019, In: Journal of Cleaner Production. 236, 11 p., 117487.

**A hybrid MCDM-FMOO approach for sustainable supplier selection and order allocation**

Mohammed, A., Harris, I. & Govindan, K., Nov 2019, In: International Journal of Production Economics. 217, p. 171-184

**Pricing and greening decisions in a three-tier dual channel supply chain**

Heydari, J., Govindan, M.E., PhD., K. & Aslani, A., Nov 2019, In: International Journal of Production Economics. 217, p. 185-196

**The inventory and pricing decisions in a three-echelon supply chain of deteriorating items under probabilistic environment**

Maihami, R., Govindan, K. & Fattahi, M., Nov 2019, In: Transportation Research Part E: Logistics and Transportation Review. 131, p. 118-138

**An accelerated benders decomposition algorithm for a bi-objective green closed loop supply chain network design problem**

Mardan, E., Govindan, K., Mina, H. & Gholami-Zanjani, S. M., 20. Oct 2019, In: Journal of Cleaner Production. 235, p. 1499-1514

**Designing a sustainable supply chain network integrated with vehicle routing: A comparison of hybrid swarm intelligence metaheuristics**

Govindan, K., Jafarian, A. & Nourbakhsh, V., Oct 2019, In: Computers and Operations Research. 110, p. 220-235

**A framework for evaluation of supply chain coordination by contracts under O2O environment**

Govindan, K. & Malomfalean, A., Sept 2019, In: International Journal of Production Economics. 215, p. 11-23

**The mediating effect of green innovation on the relationship between green supply chain management and environmental performance**

Abu Seman, N. A., Govindan, K., Mardani, A., Zakuan, N., Mat Saman, M. Z., Hooker, R. E. & Ozkul, S., 20. Aug 2019, In: Journal of Cleaner Production. 229, p. 115-127

**An adjustable bi-level wholesale price contract for coordinating a supply chain under scenario-based stochastic demand**

Hosseini-Motlagh, S. M., Govindan, K., Nematollahi, M. & Jokar, A., 1. Aug 2019, In: International Journal of Production Economics. 214, p. 175-195

**Marketing issues for remanufactured products**

Govindan, K., Jiménez-Parra, B., Rubio, S. & Vicente-Molina, M. A., 1. Aug 2019, In: Journal of Cleaner Production. 227, p. 890-899

**Does the presence of secondary market platform really hurt the firm?**

Feng, L., Zheng, X., Govindan, K. & Xue, K., Jul 2019, In: International Journal of Production Economics. 213, p. 55-68

**Effects of design for the environment on firms' production and remanufacturing strategies**

Zheng, X., Govindan, K., Deng, Q. & Feng, L., Jul 2019, In: International Journal of Production Economics. 213, p. 217-228

**Reducing Cost of Energy in the Offshore Wind Energy Sector: A Supply Chain Innovation Perspective**

Stentoft, J. (ed.), Narasimhan, R. (ed.), Wong, C. Y. (ed.), Johnsen, T. (ed.), Govindan, M.E., PhD., K. (ed.), Mikkelsen, O. S. (ed.), Madsen, E. S. (ed.), Rajkumar, C. (ed.) & Brinch, M. (ed.), 4. Jun 2019, Odense: Syddansk Universitetsforlag. 244 p.

**Selection of a sustainable third-party reverse logistics provider based on the robustness analysis of an outranking graph kernel conducted with ELECTRE I and SMAA**

Govindan, K., Kadziński, M., Ehling, R. & Miebs, G., 1. Jun 2019, In: Omega. 85, p. 1-15

**An evaluation thermometer for assessing city sustainability and livability**

Reis, I. F. C., Ferreira, F. A. F., Meidutė-Kavaliauskienė, I., Govindan, K., Fang, W. & Falcão, P. F., May 2019, In: Sustainable Cities and Society. 47, 101449.

**Developing a green city assessment system using cognitive maps and the Choquet Integral**

Brito, V. T. F., Ferreira, F. A. F., Pérez-Gladish, B., Govindan, K. & Meidutė-Kavaliauskienė, I., May 2019, In: Journal of Cleaner Production. 218, p. 486-497

**Environmental management partner selection for reverse supply chain collaboration: A sustainable approach**

Govindan, K., Jha, P. C., Agarwal, V. & Darbari, J. D., 15. Apr 2019, In: Journal of Environmental Management. 236, p. 784-797

**An integrated decision making model for the selection of sustainable forward and reverse logistic providers**

Govindan, K., Agarwal, V., Darbari, J. D. & Jha, P. C., Feb 2019, In: Annals of Operations Research. 273, 1-2, p. 607-650

**Optimization on pricing and overconfidence problem in a duopolistic supply chain**

Xu, L., Shi, X., Du, P., Govindan, K. & Zhang, Z., Jan 2019, In: Computers and Operations Research. 101, p. 162-172

**A review of reverse logistics and closed loop supply chain management studies published in IJPR: a bibliometric and content analysis**

Kazemi, N., Modak, N. M. & Govindan, K., 2019, In: International Journal of Production Research. 57, 15-16, p. 4937-4960

**Transportation systems' impacts on the Vilnius housing market**

Vasiliene-Vasiliauskiene, V., Vasilis Vasiliauskas, A., Golembovskij, R., Meidute-Kavaliauskiene, I., Kazimieras Zavadskas, E., Banaitis, A. & Govindan, K., 2019, In: Management Decision. 57, 2, p. 418-431

**Advances in stochastic programming and robust optimization for supply chain planning**

Govindan, K. & Cheng, T. C. E., Dec 2018, In: Computers and Operations Research. 100, p. 262-269

**A multi-stage stochastic program for supply chain network redesign problem with price-dependent uncertain demands**

Fattahi, M., Govindan, K. & Keyvanshokoo, E., Dec 2018, In: Computers and Operations Research. 100, p. 314-332

**Application of data envelopment analysis models in supply chain management: a systematic review and meta-analysis**

Soheilrad, S., Govindan, K., Mardani, A., Zavadskas, E. K., Nilashi, M. & Zakuan, N., Dec 2018, In: Annals of Operations Research. 271, 2, p. 915-969

**Supplier classification in emerging economies using the ELECTRE TRI-nC method: A case study considering sustainability aspects**

Costa, A. S., Govindan, K. & Figueira, J. R., 10. Nov 2018, In: Journal of Cleaner Production. 201, p. 925-947

**A multi-stage stochastic program for the sustainable design of biofuel supply chain networks under biomass supply uncertainty and disruption risk: A real-life case study**

Fattahi, M. & Govindan, K., 1. Oct 2018, In: Transportation Research Part E: Logistics and Transportation Review. 118, p. 534-567

**A novel integrated condition-based maintenance and stochastic flexible job shop scheduling problem: simulation-based optimization approach**

Rahmati, S. H. A., Ahmadi, A. & Govindan, K., 1. Oct 2018, In: Annals of Operations Research. 269, 1-2, p. 583-621

**Assessment of consumers' motivations to purchase a remanufactured product by applying Fuzzy Delphi method and single valued neutrosophic sets**

Vafadarnikjoo, A., Mishra, N., Govindan, K. & Chalvatzis, K., 20. Sept 2018, In: Journal of Cleaner Production. 196, p. 230-244

**From a literature review to a multi-perspective framework for reverse logistics barriers and drivers**

Govindan, K. & Bouzon, M., 20. Jun 2018, In: Journal of Cleaner Production. 187, p. 318-337

**Disruption management for truck appointment system at a container terminal: A green initiative**

Li, N., Chen, G., Govindan, K. & Jin, Z., Jun 2018, In: Transportation Research. Part D: Transport & Environment. 61, Part B, p. 261-273

**Evaluating barriers for reverse logistics implementation under a multiple stakeholders' perspective analysis using grey decision making approach**

Bouzon, M., Govindan, K. & Rodriguez, C. M. T., Jan 2018, In: Resources, Conservation and Recycling. 128, p. 315-335

**A PDCA-based approach to Environmental Value Stream Mapping (E-VSM)**

Garza-Reyes, J. A., Torres Romero, J., Govindan, K., Cherrafi, A. & Ramanathan, U., 2018, In: Journal of Cleaner Production. 180, p. 335-348

**A sustainable supply chain for organic, conventional agro-food products: The role of demand substitution, climate change and public health**

Sazvar, Z., Rahmani, M. & Govindan, K., 2018, In: Journal of Cleaner Production. 194, p. 564-583

**A systematic review on drivers, barriers, and practices towards circular economy: a supply chain perspective**

Govindan, K. & Hasanagic, M., 2018, In: International Journal of Production Research. 56, 1-2, p. 278-311 34 p.

**Big data analytics and application for logistics and supply chain management**

Govindan, K., Cheng, T. C. E., Mishra, N. & Shukla, N., 2018, In: Transportation Research Part E: Logistics and Transportation Review. 114, p. 343-349

**Evaluation of sustainable supply chain risk management using an integrated fuzzy TOPSIS- CRITIC approach**

Rostamzadeh, R., Ghorabae, M. K., Govindan, K., Esmaeili, A. & Nobar, H. B. K., 2018, In: Journal of Cleaner Production. 175, p. 651-669

**Joint replenishment and pricing decisions with different freight modes considerations for a supply chain under a composite incentive contract**

Noori-daryan, M., Taleizadeh, A. A. & Govindan, K., 2018, In: Journal of the Operational Research Society. 69, 6, p. 876-894

**Multi-tier sustainable global supplier selection using a fuzzy AHP-VIKOR based approach**

Awasthi, A., Govindan, K. & Gold, S., 2018, In: International Journal of Production Economics. 195, p. 106-117

**Proposal of a green index for small and medium-sized enterprises: A multiple criteria group decision-making approach**

Rita, D. I. G., Ferreira, F. A. F., Meidutė-Kavaliauskienė, I., Govindan, K. & Ferreira, J. J. M., 2018, In: Journal of Cleaner Production. 196, p. 985-996

**Return policy and supply chain coordination with network-externality effect**

Xu, L., Li, Y., Govindan, K. & Yue, X., 2018, In: International Journal of Production Research. 56, 10, p. 3714-3732

**Reverse supply chain coordination under stochastic remanufacturing capacity**

Heydari, J., Govindan, K. & Sadeghi, R., 2018, In: International Journal of Production Economics. 202, p. 1-11

**Supplier selection based on Corporate Social Responsibility practices**

Govindan, M.E., PhD., K., Shankar, M. & Kannan, D., 2018, In: International Journal of Production Economics. 200, p. 353-379

**Sustainable consumption and production in the food supply chain: A conceptual framework**

Govindan, K., 2018, In: International Journal of Production Economics. 195, p. 419-431

**Sustainable economic production quantity models for inventory systems with shortage**

Taleizadeh, A. A., Soleymanfar, V. R. & Govindan, K., 2018, In: Journal of Cleaner Production. 174, p. 1011-1020

**"There is no carnival without samba": Revealing barriers hampering biodiversity-based R&D and eco-design in Brazil**

Jabbour, C. J. C., Jugend, D., Jabbour, A. B. L. D. S., Govindan, K., Kannan, D. & Leal Filho, W., 2018, In: Journal of Environmental Management. 206, p. 236-245

**Closed-loop supply chain management: From conceptual to an action oriented framework on core acquisition**

Gaur, J., Subramoniam, R., Govindan, M.E., PhD., K. & Huisingh, D., 20. Nov 2017, In: Journal of Cleaner Production. 167, p. 1415-1424

**Quantity and collection decisions in a closed-loop supply chain with technology licensing**

Govindan, M.E., PhD., K., Hong, X., Xu, L. & Du, P., 1. Feb 2017, In: European Journal of Operational Research. 256, 3, p. 820-829

**Barriers to product return management in automotive manufacturing firms in Malaysia**

Govindan, M.E., PhD., K., Zailani, S., Shaharudin, M. R. & Eg Lay Kuan, E., 10. Jan 2017, In: Journal of Cleaner Production. 141, januar, p. 22-40

**An integrated framework for sustainable supplier selection and evaluation in supply chains**

Luthra, S., Govindan, K., Kannan, D., Mangla, S. K. & Garg, C. P., 1. Jan 2017, In: Journal of Cleaner Production. 140, 3, p. 1686-1698

**A framework for the integration of Green and Lean Six Sigma for superior sustainability performance**

Cherrafi, A., Elfezazi, S., Govindan, K., Garza-Reyes, J. A., Benhida, K. & Mokhlis, A., 2017, In: International Journal of Production Research. 55, 15, p. 4481-4515

**A hybrid approach for minimizing makespan in permutation flowshop scheduling**

Govindan, K., Balasundaram, R., Baskar, N. & Asokan, P., 2017, In: Journal of Systems Science and Systems Engineering. 26, 1, p. 50-76

**Application of a novel PROMETHEE-based method for construction of a group compromise ranking to prioritization of green suppliers in food supply chain**

Govindan, K., Kadziński, M. & Sivakumar, R., 2017, In: Omega. 71, p. 129-145

**Capacity and production planning with carbon emission constraints**

Govindan, K., Song, S., Xu, L., Du, P. & Qiao, X., 2017, In: Transportation Research. Part E: Logistics and Transportation Review. 97, p. 132-150

**Collection effort and reverse channel choices in a closed-loop supply chain**

Govindan, K., Liu, L., Wang, Z., Xu, L. & Hong, X., 2017, In: Journal of Cleaner Production. 144, p. 492-500

**Determinants and outcome of a Clean Development Mechanism in Malaysia**

Govindan, K., Zainuddin, Z. B., Zailani, S., Iranmanesh, M. & Amran, A., 2017, In: Journal of Cleaner Production. 142, 4, p. 1979-1986

**Evolution of sustainability in supply chain management: A literature review**

Rajeev, A., Pati, R. K., Padhi, S. S. & Govindan, K., 2017, In: Journal of Cleaner Production. 162, p. 299-314



**Exploring the impact of dynamic capabilities on sustainable supply chain firm's performance using Grey-Analytical Hierarchy Process**

Govindan, K., Mathivathanan, D. & Haq, A. N., 2017, In: Journal of Cleaner Production. 147, p. 637-653

**Fuzzy multi-objective approach for optimal selection of suppliers and transportation decisions in an eco-efficient closed loop supply chain network**

Govindan, K., Darbari, J. D., Agarwal, V. & Jha, P. C., 2017, In: Journal of Cleaner Production. 165, p. 1598-1619

**Fuzzy multi-objective sustainable and green closed-loop supply chain network design**

Soleimani, H., Govindan, K., Saghafi, H. & Jafari, H., 2017, In: Computers and Industrial Engineering. 109, p. 191-203

**Innovative supply chain optimization models with multiple uncertainty factors**

Choi, T. M., Govindan, K., Li, X. & Li, Y., 2017, In: Annals of Operations Research. 257, 1-2, p. 1-14

**Integrated forward/reverse logistics network design under uncertainty with pricing for collection of used products**

Fattahi, M. & Govindan, K., 2017, In: Annals of Operations Research. 253, 1, p. 193-225

**Investigating risk and robustness measures for supply chain network design under demand uncertainty: A case study of glass supply chain**

Govindan, K. & Fattahi, M., 2017, In: International Journal of Production Economics. 183, Part C, p. 680-699

**Low-carbon supply chain management in emerging economies**

Govindan, K. & Choi, T. M., 2017, In: Supply Chain Management. 22, 3, p. 221-222

**Managing blood supply chains: Open source applications and process mining**

Singh, S., Verma, R. & Govindan, M.E., PhD., K., 2017, *11th ISDSI International Conference proceedings*.

**Maturity models in supply chain sustainability: A systematic literature review**

Correia, E., Carvalho, H., Azevedo, S. G. & Govindan, K., 2017, In: Sustainability. 9, 1, 26 p., 64.

**Modelling green and lean supply chains: an eco-efficiency perspective**

Govindan, K., Carvalho, H., Azevedo, S. G. & Cruz-Machado, V., 2017, In: Resources, Conservation and Recycling. 120, p. 75-87

**Prioritising indicators in improving supply chain performance using fuzzy AHP: insights from the case example of four Indian manufacturing companies**

Govindan, K., Mangla, S. K. & Luthra, S., 2017, In: Production Planning and Control. 28, 6-8, p. 552-573

**Prioritizing the barriers to achieve sustainable consumption and production trends in supply chains using fuzzy Analytical Hierarchy Process**

Mangla, S. K., Govindan, K. & Luthra, S., 2017, In: Journal of Cleaner Production. 151, p. 509-525

**Product return management: Linking product returns, closed-loop supply chain activities and the effectiveness of the reverse supply chains**

Shaharudin, M. R., Govindan, K., Zailani, S., Tan, K. C. & Iranmanesh, M., 2017, In: Journal of Cleaner Production. 149, p. 1144-1156

**Responsive and resilient supply chain network design under operational and disruption risks with delivery lead-time sensitive customers**

Fattahi, M., Govindan, K. & Keyvanshokoo, E., 2017, In: Transportation Research Part E: Logistics and Transportation Review. 101, p. 176-200

**Reverse and closed loop supply chain coordination by considering government role**

Heydari, J., Govindan, K. & Jafari, A., 2017, In: Transportation Research Part D: Transport and Environment. 52, Part A, p. 379-398

**Strategic planning: design and coordination for dual-recycling channel reverse supply chain considering consumer behavior**

Govindan, K., Feng, L. & Li, C., 2017, In: European Journal of Operational Research. 260, 2, p. 601-612

**Structural model for sustainable consumption and production adoption: A grey-DEMATEL based approach**

Luthra, S., Govindan, K. & Mangla, S. K., 2017, In: Resources, Conservation and Recycling. 125, p. 198-207

**Supply chain network design under uncertainty: A comprehensive review and future research directions**

Govindan, K., Fattahi, M. & Keyvanshokoo, E., 2017, In: European Journal of Operational Research. 263, 1, p. 108-141

**Total interpretive structural modeling of social sustainability practices in manufacturing industry**

Govindan, M.E., PhD., K. & Mathivathanan, D., 2017, *11th ISDSI International Conference publication.*

**Sustainable consumption and production in emerging markets**

Tseng, M-L., Tan, K. H., Geng, Y. & Govindan, M.E., PhD., K., Nov 2016, In: International Journal of Production Economics. 181, Part B, p. 257-261

**Evaluating the enablers in solar power developments in the current scenario using fuzzy DEMATEL: An Indian perspective**

Luthra, S., Govindan, K., Kharb, R. K. & Mangla, S. K., 1. Sept 2016, In: Renewable & Sustainable Energy Reviews. 63, p. 379-397

**A weighted possibilistic programming approach for sustainable vendor selection and order allocation in fuzzy environment**

Gupta, P., Govindan, K., Mehlawat, M. K. & Kumar, S., Sept 2016, In: International Journal of Advanced Manufacturing Technology. 86, 5-8, p. 1785-1804

**Effect of product recovery and sustainability enhancing indicators on the location selection of manufacturing facility**

Govindan, M.E., PhD., K., Garg, K., Gupta, S. & Jha, P. C., Aug 2016, In: Ecological Indicators. 67, p. 517-532

**Linking the environmental practice of construction firms and the environmental behaviour of practitioners in construction projects**

Yusof, NA., Abidin, N. Z., Zailani, S. H. M., Govindan, M.E., PhD., K. & Iranmanesh, M., 10. May 2016, In: Journal of Cleaner Production. 121, p. 64-71

**ELECTRE: A comprehensive literature review on methodologies and applications**

Govindan, M.E., PhD., K. & Brandt Jepsen, M., Apr 2016, In: European Journal of Operational Research. 250, 1, p. 1-29

**India: Formalize recycling of electronic waste**

Kannan, D., Govindan, K. & Shankar, M., 18. Feb 2016, In: Nature. 530, 7590, p. 281 1 p., 281.

**Accelerating the transition towards sustainability dynamics into supply chain relationship management and governance structures**

Govindan, K., Seuring, S., Zhu, Q. & Azevedo, S. G., 2016, In: Journal of Cleaner Production. 112, 3, p. 1813-1823

**A fuzzy multi-objective optimization model for sustainable reverse logistics network design**

Govindan, K., Paam, P. & Abtahi, A. R., 2016, In: Ecological Indicators. 67, p. 753-768

**A Goal Programming Model for Selection and Scheduling of Advertisements on Online News Media**

Manik, P., Gupta, A., Jha, P. C. & Govindan, K., 2016, In: Asia Pacific Journal of Operational Research. 33, 2, 41 p., 1650012.

**A grey DEMATEL approach to develop third-party logistics provider selection criteria**

Govindan, K., Khodaverdi, R. & Vafadarnikjoo, A., 2016, In: Industrial Management & Data Systems. 116, 4, p. 690-722

**An investigation on lean-green implementation practices in Indian SMEs using analytical hierarchy process (AHP) approach**

Thanki, S., Govindan, K. & Thakkar, J., 2016, In: Journal of Cleaner Production. 135, 1, p. 284-298

**An optimization model for sustainable solutions towards implementation of reverse logistics under collaborative framework**

Agarwal, V., Govindan, K., Darbari, J. D. & Jha, P. C., 2016, In: International Journal of Systems Assurance Engineering and Management. 7, 4, p. 480-487

**A novel mathematical model for a multi-period, multi-product optimal ordering problem considering expiry dates in a FEFO system**

Sazvar, Z., Mirzapour Al-e-hashem, S. M. J., Govindan, K. & Bahli, B., 2016, In: Transportation Research. Part E: Logistics and Transportation Review. 93, p. 232-261

**Application of fuzzy analytic network process for barrier evaluation in automotive parts remanufacturing towards cleaner production: a study in an Indian scenario**

Govindan, K., Shankar, M. & Kannan, D., 2016, In: Journal of Cleaner Production. 114, p. 199-213

**A review of reverse logistics and closed-loop supply chains: A Journal of Cleaner Production focus**

Govindan, K. & Soleimani, H., 2016, In: Journal of Cleaner Production. 142, 1, p. 371-384

**A robust optimization model for agile and build-to-order supply chain planning under uncertainties**

Lalmazloumian, M., Wong, K. Y., Govindan, K. & Kannan, D., 2016, In: Annals of Operations Research. 240, 2, p. 435-470

**A tactical supply chain planning model with multiple flexibility options: an empirical evaluation**

Esmailikia, M., Fahimnia, B., Sarkis, J., Govindan, K., Kumar, A. & Mo, J., 2016, In: Annals of Operations Research. 244, 2, p. 429-454

**Barriers in green lean six sigma product development process: an ISM approach**

Kumar, S., Luthra, S., Govindan, K., Kumar, N. & Haleem, A., 2016, In: Production Planning & Control. 27, 7-8, p. 604-620

**Barriers to the adoption of green operational practices at Brazilian companies: Effects on green and operational performance**

Jabbour, C. J. C., De Sousa Jabbour, A. B. L., Govindan, K., De Freitas, T. P., Soubihia, D. F., Kannan, D. & Latan, H., 2016, In: International Journal of Production Research. 54, 10, p. 3042-3058

**Cloud-based multi-agent architecture for effective planning and scheduling of distributed manufacturing**

Mishra, N., Singh, A., Kumari, S., Govindan, K. & Ali, S. I., 2016, In: International Journal of Production Research. 54, 23, p. 7115-7128

**Critical success factors for reverse logistics in Indian industries: A structural model**

Mangla, S. K., Govindan, K. & Luthra, S., 2016, In: Journal of Cleaner Production. 129, p. 608-621

**Evaluating the essential barrier to off-shore wind energy: an Indian perspective**

Govindan, K. & Shankar, M., 2016, In: International Journal of Energy Sector Management. 10, 2, p. 266-282

**Evolutionary algorithms for supply chain management**

Govindan, K., 2016, In: Annals of Operations Research. 242, 2, p. 195-206

**Fuzzy bi-criteria decision making approach for supplier selection and distribution network planning in supply chain management**

Gandhi, K., Govindan, K. & Jha, P. C., 2016, In: Journal of Information & Optimization Sciences. 37, 5, p. 653-679

**Green supplier development program selection using NGT and VIKOR under fuzzy environment**

Awasthi, A. & Govindan, K., 2016, In: Computers & Industrial Engineering. 91, p. 100-108

**Green supplier selection and order allocation in a low-carbon paper industry: integrated multi-criteria heterogeneous decision-making and multi-objective linear programming approaches**

Govindan, K. & Sivakumar, R., 2016, In: Annals of Operations Research. 238, 1-2, p. 243-276

**Greenways for rural sustainable development: An integration between geographic information systems and group analytic hierarchy process**

Ottomano Palmisano, G., Govindan, K., Loisi, R. V., Dal Sasso, P. & Roma, R., 2016, In: Land Use Policy. 50, p. 429-440

**Hybrid multiple criteria decision-making methods: a review of applications for sustainability issues**

Zavadskas, E. K., Govindan, K., Antucheviciene, J. & Turskis, Z., 2016, In: Economic Research-Ekonomiska Istraživanja. 29, 1, p. 857-887

**Identification and analysis of reverse logistics barriers using fuzzy Delphi method and AHP**

Bouzon, M., Govindan, K., Rodriguez, C. M. T. & Campos, L. M. S., 2016, In: Resources, Conservation and Recycling. 108, p. 182-197

**Interrelationships of risks faced by third party logistics service providers: A DEMATEL based approach**

Govindan, K. & Chaudhuri, A., 2016, In: Transportation Research. Part E: Logistics and Transportation Review. 90, p. 177-195

**Investigation of the influential strength of factors on adoption of green supply chain management practices: An Indian mining scenario**

Govindan, K., Muduli, K., Kannan, D. & Barve, A., 2016, In: Resources, Conservation and Recycling. 107, p. 185-194 10 p.

**Local Action Groups and Rural Sustainable Development. A spatial multiple criteria approach for efficient territorial planning**

Palmisano, G. O., Govindan, M.E., PhD., K., Boggia, A., Loisi, R. V., De Boni, A. & Roma, R., 2016, In: Land Use Policy. 59, p. 12-26

**Low carbon economy and equitable society: Production, supply chain, and operations management perspectives**

Santibanez-Gonzalez, E. D. R., Sarkis, J., Dolgui, A., Koh, L., Govindan, K., Jin, M. Z., Zhao, Q., Nyberg, T. & Zhang, Z., 2016, In: Journal of Cleaner Production. 117, p. 7-9

**Optimal Bi-Objective Redundancy Allocation for Systems Reliability and Risk Management**

Govindan, K., Jafarian, A., Azbari, M. E. & Choi, T. M., 2016, In: IEEE Transactions on Cybernetics. 46, 8, p. 1735-1748

**Pricing and ordering decisions of two competing supply chains with different composite policies: A Stackelberg game-theoretic approach**

Taleizadeh, A. A., Noori-Daryan, M. & Govindan, K., 2016, In: International Journal of Production Research. 54, 9, p. 2807-2836

**Product recovery optimization in closed-loop supply chain to improve sustainability in manufacturing**

Govindan, K., Jha, P. C. & Garg, K., 2016, In: International Journal of Production Research. 54, 5, p. 1463-1486

**Supplier risk assessment based on trapezoidal intuitionistic fuzzy numbers and ELECTRE TRI-C: a case illustration involving service suppliers**

Govindan, K. & Brandt Jepsen, M., 2016, In: Operational Research Society. Journal. 67, 2, p. 339-376

**Sustainable material selection for construction industry: A hybrid multi criteria decision making approach**

Govindan, K., Shankar, M. & Kannan, D., 2016, In: Renewable & Sustainable Energy Reviews. 55, p. 1274-1288

**Tactical supply chain planning models with inherent flexibility: definition and review**

Esmaeilikia, M., Fahimnia, B., Sarkis, J., Govindan, K., Kumar, A. & Mo, J., 2016, In: Annals of Operations Research. 244, 2, p. 407-427

**VIKOR Technique: A Systematic Review of the State of the Art Literature on Methodologies and Applications**

Mardani, A., Zavadskas, E. K., Govindan, K., Amat Senin, A. & Jusoh, A., 2016, In: Sustainability. 8, 1, p. 1-38 38 p., 37.

**Evaluation of green manufacturing practices using a hybrid MCDM model combining DANP with PROMETHEE**

Govindan, K., Kannan, D. & Shankar, M., 2. Nov 2015, In: International Journal of Production Research. 53, 21, p. 6344-6371

**Green sourcing: Taking steps to achieve sustainability management and conservation of resources**

Govindan, K., 1. Nov 2015, In: Resources, Conservation and Recycling. 104, p. 329-333

**Managing product returns to achieve supply chain sustainability: an exploratory study and research propositions**

Shaharudin, M. R., Govindan, K., Zailani, S. & Tan, K. C., 15. Aug 2015, In: Journal of Cleaner Production. 101, August, p. 1-15

**A hybrid particle swarm optimization and genetic algorithm for closed-loop supply chain network design in large-scale networks**

Soleimani, H. & Kannan, G., 15. Jul 2015, In: Applied Mathematical Modelling. 39, 14, p. 3990-4012

**Analyzing the drivers of green manufacturing with fuzzy approach**

Govindan, K., Diabat, A. & Madan Shankar, K., Jun 2015, In: Journal of Cleaner Production. 96, 1, p. 182-193

**Competitive closed-loop supply chain network design with price-dependent demands**

Rezapour, S., Farahani, R. Z., Fahimnia, B., Govindan, K. & Mansouri, Y., 15. Apr 2015, In: Journal of Cleaner Production. 93, p. 251-272

**Consumer returns policies with endogenous deadline and supply chain coordination**

Xu, L., Li, Y., Govindan, K. & Xu, X., 1. Apr 2015, In: European Journal of Operational Research. 242, 1, p. 88-99

**Pricing and balancing of the sea-cargo service chain with empty equipment repositioning**

Xu, L., Govindan, K., Bu, X. & Yin, Y., Feb 2015, In: Computers & Operations Research. 54, p. 286-294

**Analyzing internal barriers for automotive parts remanufacturers in China using grey-DEMATEL approach**

Xia, X., Govindan, K. & Zhu, Q., 2015, In: Journal of Cleaner Production. 87, 1, p. 811-825

**Application of fuzzy VIKOR for evaluation of green supply chain management practices**

Rostamzadeh, R., Govindan, K., Esmaeili, A. & Sabaghi, M., 2015, In: Ecological Indicators. 49, p. 188-203

**Application of multi-criteria decision making/operations research techniques for sustainable management in mining and minerals**

Govindan, K., 2015, In: Resources Policy. 46, 1, p. 1-5

**Bi-objective integrating sustainable order allocation and sustainable supply chain network strategic design with stochastic demand using a novel robust hybrid multi-objective metaheuristic**

Govindan, K., Jafarian, A. & Nourbakhsh, V., 2015, In: Computers & Operations Research. 62, p. 112-130

**Dynamic supply chain network design with capacity planning and multi-period pricing**

Fattahi, M., Mahootchi, M., Govindan, K. & Moattar Hussein, S. M., 2015, In: Transportation Research. Part E: Logistics and Transportation Review. 81, p. 169-202

**Evaluating critical factors in the successful implementation of remanufacturing in Indian automotive firms**

Govindan, M.E., PhD., K., Luthra, S. & Mangla, S. K., 2015, *Global Cleaner Production & Sustainable Consumption Conference*. Elsevier

**Evaluation of barriers of corporate social responsibility using an analytical hierarchy process under a fuzzy environment - A textile case**

Shen, L., Govindan, K. & Shankar, M., 2015, In: Sustainability. 7, 3, p. 3493-3514

**Fuzzy axiomatic design approach based green supplier selection: A case study from Singapore**

Kannan, D., Govindan, K. & Rajendran, S., 2015, In: Journal of Cleaner Production. 96, p. 194-208

**Green innovation adoption in automotive supply chain: The Malaysian case**

Zailani, S., Govindan, K., Iranmanesh, M., Shaharudin, M. R. & Sia Chong, Y., 2015, In: Journal of Cleaner Production. 108, Part A, p. 1115-1122

**Identification and evaluation of influential criteria for the selection of an environmental shipping carrier using DEMATEL: A case from India**

Jia, P., Govindan, K. & Kannan, D., 2015, In: International Journal of Shipping and Transport Logistics. 7, 6, p. 719-741

**Intuitionistic fuzzy based DEMATEL method for developing green practices and performances in a green supply chain**

Govindan, K., Khodaverdi, R. & Vafadarnikjoo, A., 2015, In: Expert Systems with Applications. 42, 20, p. 7207-7220

**Lean, green and resilient practices influence on supply chain performance: interpretive structural modeling approach**

Govindan, K., Azevedo, S. G., Carvalho, H. & Cruz-Machado, V., 2015, In: International Journal of Environmental Science and Technology. 12, 1, p. 15-34

**Licensing strategy for a stochastic RD firm in a differentiated Cournot duopoly model**

Hong, X., Lu, Q., Xu, L., Govindan, K. & Meidute, I., 2015, In: Engineering Economics. 26, 5, p. 478-488

**Logistics systems optimization under competition**

Choi, T. M., Govindan, K. & Ma, L., 2015, In: Mathematical Problems in Engineering. 2015, 3 p., 106142.

**Multi criteria decision making approaches for green supplier evaluation and selection: a literature review**

Govindan, K., Rajendran, S., Sarkis, J. & Murugesan, P., 2015, In: Journal of Cleaner Production. 98, July, p. 66-83

**Preface**

Juan, A. A., Faulin, J., Grasman, S. E. & Govindan, K., 2015, In: International Journal of Advanced Operations Management. 6, 1, p. 1-3

**Pricing and collecting decisions in a closed-loop supply chain with symmetric and asymmetric information**

Wei, J., Govindan, K., Li, Y. & Zhao, J., 2015, In: Computers & Operations Research. 54, February, p. 257-265 9 p.

**Reducing the extraction of minerals: Reverse logistics in the machinery manufacturing industry sector in Brazil using ISM approach**

Bouzon, M., Govindan, K. & Rodriguez, C. M. T., 2015, In: Resources Policy. 46, 1, p. 27-36

**Reverse logistics and closed-loop supply chain: A comprehensive review to explore the future**

Govindan, K., Soleimani, H. & Kannan, D., 2015, In: *European Journal of Operational Research*. 240, 3, p. 603-626

**Reverse Logistics as a Sustainable Supply Chain Practice for the Fashion Industry: An Analysis of Drivers and the Brazilian Case**

Bouzon, M. & Govindan, K., 2015, *Sustainable Fashion Supply Chain Management: From Sourcing to Retailing*. Choi, T-M. & Cheng, T.C.E. (eds.). Springer, p. 85-104 (Springer Series in Supply Chain Management).

**Reverse logistics barriers: An analysis using interpretive structural modeling**

Bouzon, M., Govindan, K. & Rodriguez, C. M. T., 2015, *Enhancing Synergies in a Collaborative Environment*. Cortés, P., Maeso-González, E. & Escudero-Santana, A. (eds.). Springer, Vol. 2. p. 95-103 (Lecture Notes in Management and Industrial Engineering).

**Rule based heuristic approach for minimizing total flow time in permutation flow shop scheduling**

Rathinam, B., Govindan, K., Neelakandan, B. & Raghavan, S. S., 2015, In: *Tehnicki vjesnik*. 22, 1, p. 25-32

**Supplier Selection Problems in Fashion Business Operations with Sustainability Considerations**

Jia, P., Govindan, K., Choi, T-M. & Rajendran, S., 2015, In: *Sustainability*. 7, 2, p. 1603-1619

**Sustainable supply chain management: Advances in operations research perspective**

Govindan, K. & Cheng, T. C. E., 2015, In: *Computers & Operations Research*. 54, p. 177-179

**The Impact of Contractual Governance and Trust on EPC projects in Construction Supply Chain Performance**

Ke, H., Cui, Z., Govindan, K. & Zavadskas, E. K., 2015, In: *Engineering Economics*. 26, 4, p. 349-363

**The optimal replenishment policy for time-varying stochastic demand under vendor managed inventory**

Govindan, K., 2015, In: *European Journal of Operational Research*. 242, 2, p. 402-423 22 p.

**Evaluating the drivers of corporate social responsibility in the mining industry with multi-criteria approach: A multi-stakeholder perspective**

Govindan, K., Kannan, D. & Shankar, K. M., Dec 2014, In: *Journal of Cleaner Production*. 84, p. 214-232

**Sustainable fashion supply chain management: The European scenario**

Choi, T. M., Chiu, C. H., Govindan, K. & Yue, X., Oct 2014, In: *European Management Journal*. 32, 5, p. 821-822

**Agricultural production and sustainable development in a Brazilian region (Southwest, São Paulo State): Motivations and barriers to adopting sustainable and ecologically friendly practices**

Leite, A. E., De Castro, R., Jabbour, C. J. C., Batalha, M. O. & Govindan, K., 2014, In: *International Journal of Sustainable Development and World Ecology*. 21, 5, p. 422-429 8 p.

**An incentive model for closed-loop supply chain under the EPR law**

Li, X., Li, Y. & Govindan, K., 2014, In: *Journal of the Operational Research Society*. 65, 1, p. 88-96

**Artificial immune system and sheep flock algorithms for two-stage fixed-charge transportation problem**

Kannan, D., Govindan, K. & Soleimani, H., 2014, In: *Optimization*. 63, 10, p. 1465-1479

**Assessment of renewable bioenergy application: a case in the food supply chain industry**

Kronborg Jensen, J. & Govindan, K., 2014, In: *Journal of Cleaner Production*. 66, 1, p. 254-263

**A system dynamics model based on evolutionary game theory for green supply chain management diffusion among Chinese manufacturers**

Tian, Y., Govindan, K. & Zhu, Q., 2014, In: *Journal of Cleaner Production*. 80, October, p. 96-105 10 p.

**Barriers analysis for green supply chain management implementation in Indian industries using analytic hierarchy process**

Govindan, K., Kaliyan, M., Kannan, D. & Haq, A. N., 2014, In: International Journal of Production Economics. 147, Part B, p. 555-568

**Brazil's new national policy on solid waste: challenges and opportunities**

Jabbour, A. B. L. D. S., Jabbour, C. J. C., Sarkis, J. & Govindan, K., 2014, In: Clean Technologies and Environmental Policy. 16, 1, p. 7-9

**Coalition or decentralization: A game-theoretic analysis of a three-echelon supply chain network**

Mahdiraji, H. A., Govindan, K., Zavadskas, E. K. & Razavi Hajiagha, S. H., 2014, In: Journal of Business Economics and Management. 15, 3, p. 460-485 26 p.

**Eco-efficiency based green supply chain management: Current status and opportunities**

Govindan, K., Sarkis, J., Jabbour, C. J. C., Zhu, Q. & Geng, Y., 2014, In: European Journal of Operational Research. 233, 2, p. 293-298

**Effect of repeat purchase and dynamic market size on diffusion of an innovative technological consumer product in a segmented market**

Aggarwal, S., Gupta, A., Govindan, K., Jha, P. C. & Meidute, I., 2014, In: Technological and Economic Development of Economy. 20, 1, p. 97-115 19 p.

**Evaluating Reverse Supply Chain Efficiency: Manufacturer's Perspective**

Kumar, M., Tiwari, M. K., Wong, K. Y., Govindan, K. & Kuah, C. T., 2014, In: Mathematical Problems in Engineering. 2014, 901914.

**Forecasting return products in an integrated forward/reverse supply chain utilizing an ANFIS**

Kumar, D. T., Soleimani, H. & Kannan, G., 2014, In: International Journal of Applied Mathematics and Computer Science. 24, 3, p. 669-682

**Impact of supply chain management practices on sustainability**

Govindan, K., Azevedo, S. G., Carvalho, H. & Cruz-Machado, V., 2014, In: Journal of Cleaner Production. 85, p. 212-225

**Incorporating risk measures in closed-loop supply chain network design**

Soleimani, H., Seyyed-Esfahani, M. & Govindan, K., 2014, In: International Journal of Production Research. 52, 6, p. 1843-1867

**Mixed methodology to analyze the relationship between maturity of environmental management and the adoption of green supply chain management in Brazil**

Jabbour, A. B., Jabbour, C., Govindan, K., Kannan, D. & Arantes, A. F., 2014, In: Resources, Conservation and Recycling. 92, p. 255-267 13 p.

**Optimal advance-selling strategy for fashionable products with opportunistic consumers returns**

Li, Y., Xu, L., Choi, T. M. & Govindan, K., 2014, In: IEEE Transactions on Systems, Man, and Cybernetics: Systems. 44, 7, p. 938-952

**Pressure analysis for green supply chain management implementation in Indian industries using analytic hierarchy process**

Mathiyazhagan, K., Govindan, K. & Noorul Haq, A., 2014, In: International Journal of Production Research. 52, 1, p. 188-202

**Quantitative models for sustainable supply chain management: Developments and directions**

Brandenburg, M., Govindan, K., Sarkis, J. & Seuring, S., 2014, In: European Journal of Operational Research. 233, 2, p. 299-312



**Reverse logistics network design and planning utilizing conditional value at risk**

Soleimani, H. & Govindan, K., 2014, In: *European Journal of Operational Research*. 237, 2, p. 487-497 11 p.

**Reverse supply chain coordination by revenue sharing contract: A case for the personal computers industry**

Govindan, K. & Popiuc, M. N., 2014, In: *European Journal of Operational Research*. 233, 2, p. 326-336

**Service optimization and control**

Choi, T. M., Chow, P. S. & Govindan, K., 2014, In: *Mathematical Problems in Engineering*. 2014, 3 p., 951376.

**The impact of consumer returns policies on consignment contracts with inventory control**

Hu, W., Li, Y. & Govindan, K., 2014, In: *European Journal of Operational Research*. 233, 2, p. 398-407

**Three echelon supply chain design with supplier evaluation**

Gandhi, K., Jha, P. C., Govindan, M.E., PhD., K. & Galar, D., 2014, *Proceedings of the Third International Conference on Soft Computing for Problem Solving: SocProS 2013*. Pant, M., Deep, K., Nagar, A. & Bansal, J. C. (eds.). Springer, Vol. 2. p. 867-881 (Advances in Intelligent Systems and Computing, Vol. 259).

**Two-echelon multiple-vehicle location-routing problem with time windows for optimization of sustainable supply chain network of perishable food**

Govindan, K., Jafarian, A., Khodaverdi, R. & Kannan, D., 2014, In: *International Journal of Production Economics*. 152, p. 9-28

**Terminal appointment system design by non-stationary  $M(t)/E_k/c(t)$  queueing model and genetic algorithm**

Chen, G., Govindan, K., Yang, Z-Z., Choi, T-M. & Jiang, L., 1. Dec 2013, In: *International Journal of Production Economics*. 146, 2, p. 694-703

**Vendor-managed inventory: A review based on dimensions**

Govindan, K., 1. Jul 2013, In: *International Journal of Production Research*. 51, 13, p. 3808-3835

**Role of behavioural factors in green supply chain management implementation in Indian mining industries**

Muduli, K., Govindan, K., Barve, A., Kannan, D. & Geng, Y., Jul 2013, In: *Resources, Conservation and Recycling*. 76, July, p. 50-60 11 p.

**Analytical hierarchy process-based framework for VMI adoption**

Borade, A. B., Govindan, K. & Bansod, S. V., Jan 2013, In: *International Journal of Production Research*. 51, 4, p. 963-978

**A Capacitated Location-Allocation Model for Flood Disaster Service Operations with Border Crossing Passages and Probabilistic Demand Locations: Mathematical Problems in Engineering**

Mirzapour, S. A., Wong, K. Y. & Govindan, K., 2013, In: *Mathematical Problems in Engineering*. 2013, 11 p., 507953.

**A fuzzy multi criteria approach for evaluating green supplier's performance in green supply chain with linguistic preferences**

Shen, L., Olfat, L., Govindan, K., Khodaverdi, R. & Diabat, A., 2013, In: *Resources, Conservation and Recycling*. 74, p. 170-179

**A fuzzy multi criteria approach for measuring sustainability performance of a supplier based on triple bottom line approach**

Govindan, K., Khodaverdi, R. & Jafarian, A., 2013, In: *Journal of Cleaner Production*. 47, p. 345-354

**Analysing green supply chain management practices in Brazil's electrical/electronics industry using interpretive structural modelling**

Govindan, K., Kannan, D., Mathiyazhagan, K., Jabbour, A. B. L. S. & Jabbour, C. J. C., 2013, In: *International Journal of Environmental Studies*. 70, 4, p. 477-493

**An analysis of the general benefits of a centralised VMI system based on the EOQ model**

Grigore, M. C., Kannan, D. & Senthilkumar, A., 2013, In: International Journal of Production Research. 51, 1, p. 172-188

**An analytic network process-based multicriteria decision making model for a reverse supply chain**

Govindan, K., Sarkis, J. & Palaniappan, M., 2013, In: International Journal of Advanced Manufacturing Technology. 68, 1-4, p. 863-880

**An evaluation of vendor managed inventory practices from small and medium indian enterprises**

Shen, L., Govindan, K., Borade, A. B., Diabat, A. & Kannan, D., 2013, In: Journal of Business Economics and Management. 14, SUPPL1, p. S76-S95

**An ISM approach for the barrier analysis in implementing green supply chain management**

Mathiyazhagan, K., Govindan, K., NoorulHaq, A. & Geng, Y., 2013, In: Journal of Cleaner Production. 47, p. 283-297

**Barriers to green supply chain management in Indian mining industries: A graph theoretic approach**

Muduli, K., Govindan, K., Barve, A. & Geng, Y., 2013, In: Journal of Cleaner Production. 47, p. 335-344

**Benchmarking the interactions among barriers in third-party logistics implementation: An ISM approach**

Diabat, A., Khreishah, A., Govindan, K., Panikar, V. & Gunasekaran, A., 2013, In: Benchmarking. 20, 6, p. 805-824

**Ecosilient Index to assess the greenness and resilience of the upstream automotive supply chain**

Azevedo, S. G., Govindan, K., Carvalho, H. & Cruz-Machado, V., 2013, In: Journal of Cleaner Production. 56, p. 131-146

**Environmental management and operational performance in automotive companies in Brazil: The role of human resource management and lean manufacturing**

Jabbour, C. J. C., De Sousa Jabbour, A. B. L., Govindan, K., Teixeira, A. A. & De Souza Freitas, W. R., 2013, In: Journal of Cleaner Production. 47, p. 129-140

**Factors affecting the adoption of green supply chain management practices in Brazil: Empirical evidence**

de Sousa Jabbour, A. B. L., Jabbour, C. J. C., Govindan, K., Kannan, D., Salgado, M. H. & Zanon, C. J., 2013, In: International Journal of Environmental Studies. 70, 2, p. 302-315

**Integrating dynamic acquisition pricing and remanufacturing decisions under random price-sensitive returns**

Sun, X., Li, Y., Govindan, K. & Zhou, Y., 2013, In: International Journal of Advanced Manufacturing Technology. 68, 1-4, p. 933-947

**Leadership selection in an unlimited three-echelon supply chain**

Jia, P., Amoozad Mahdiraji, H., Govindan, K. & Meidute, I., 2013, In: Journal of Business Economics and Management. 14, 3, p. 616-637

**Managing truck arrivals with time windows to alleviate gate congestion at container terminals**

Chen, G., Govindan, K. & Yang, Z., 2013, In: International Journal of Production Economics. 141, 1, p. 179-188 10 p.

**Multiple comparative studies of Green Supply Chain Management: Pressures analysis**

Xu, L., Mathiyazhagan, K., Govindan, K., Noorul Haq, A., Ramachandran, N. V. & Ashokkumar, A., 2013, In: Resources, Conservation and Recycling. 78, p. 26-35

**Overview of coordination contracts within forward and reverse supply chains**

Govindan, K., Popiuc, M. N. & Diabat, A., 2013, In: Journal of Cleaner Production. 47, p. 319-334

**Reducing truck emissions at container terminals in a low carbon economy: Proposal of a queueing-based bi-objective model for optimizing truck arrival pattern**

Chen, G., Govindan, K. & Golias, M. M., 2013, In: Transportation Research. Part E: Logistics and Transportation Review. 55, p. 3-22

**Strategic closed-loop facility location problem with carbon market trading**

Diabat, A., Abdallah, T., Al-Refaie, A., Svetinovic, D. & Govindan, K., 2013, In: IEEE Transactions on Engineering Management. 60, 2, p. 398-408

**Understanding the process of greening of Brazilian business schools**

Jabbour, C. J. C., Sarkis, J., De Sousa Jabbour, A. B. L. & Govindan, K., 2013, In: Journal of Cleaner Production. 61, p. 25-35

**Multi response optimisation of turning operation parameters on Al-Cu/TiB<sub>2</sub> in-situ metal matrix composites using desirability function**

Senthil, P., Selvaraj, T., Kannan, G. & Jeyapaul, R., 1. Jul 2012, In: International Journal of Manufacturing Technology and Management. 25, 1-3, p. 1-18 18 p.

**Editorial**

Bottani, E., Montanari, R. & Govindan, K., 1. Jan 2012, In: International Journal of Business Performance and Supply Chain Modelling. 4, 3-4, p. 203-205 3 p.

**A carbon footprint based reverse logistics network design model**

Kannan, D., Diabat, A., Mahmoud, K., Govindan, K. & Yong, G., 2012, In: Resources, Conservation and Recycling. 67, p. 75-79

**Analysis of third party reverse logistics provider using interpretive structural modeling**

Palaniappan, M., Zhu, Q. & Kannan, D., 2012, In: International Journal of Production Economics. 140, 1, p. 204-211 8 p.

**An integrated model to assess the leanness and agility of the automotive industry**

Azevedo, S. G., Carvalho, H. & Cruz-Machado, V., 2012, In: Resources, Conservation and Recycling. 66, p. 85-94

**Contract analysis: A performance measures and profit evaluation within two-echelon supply chains**

Diabat, A. & Popiuc, M. N., 2012, In: Computers & Industrial Engineering. 63, 1, p. 58-74 17 p.

**Supply chain risk management and its mitigation in a food supply chain**

Diabat, A., Govindan, K. & Panicker, V. V., 2012, In: International Journal of Production Research. 50, 11, p. 3039-3050 12 p.

**Introduction**

Govindan, K., Mathirajan, M. & Nachiappan Subramanian, P., 1. Jan 2011, In: International Journal of Advanced Operations Management. 3, 3-4, p. 217-219 3 p.

**A multi-objective simulated annealing algorithm for permutation flow shop scheduling problem**

Govindan, K. & Khan, B. S. H., 2011, In: International Journal of Advanced Operations Management. 3, 1, p. 88-100 13 p.

**An analysis of the drivers affecting the implementation of green supply chain management**

Govindan, K. & Diabat, A., 2011, In: Resources, Conservation and Recycling. 55, 6, p. 659-667 9 p.

**Environmental supply chain management**

Govindan, K. & Cheng, T. C. E., 2011, In: Resources, Conservation and Recycling. 55, 6, p. 557-558 2 p.

**Erratum to "A hybrid approach using ISM and fuzzy TOPSIS for the selection of reverse logistics provider" (vol 54, pg 28, 2009)**

Govindan, K., Pokharel, S. & Kumar, P. S., 2011, In: Resources, Conservation and Recycling. 55, 4, p. 493-494 2 p.

### **Ny HD 2. specialisering i supply chain management**

Arbjørn, J. S., Mikkelsen, O. S., Govindan, K. & Martens, H., 2011, In: DILF Orientering. 48, 6, p. 34-35 2 p.

### **Selection of third party reverse logistics provider using Fuzzy extent analysis**

2011, In: Benchmarking. 18, 1, p. 149-167 19 p.

### **A Bi objective reverse logistics network design model**

Govindan, K. & Kannan, D., 1. Dec 2010, *40th International Conference on Computers and Industrial Engineering: Soft Computing Techniques for Advanced Manufacturing and Service Systems, CIE40 2010*. 5668369

### **Ranking of third party logistics provider using fuzzy ELECTRE II**

Govindan, K., Grigore, M. C. & Kannan, D., 1. Dec 2010, *40th International Conference on Computers and Industrial Engineering: Soft Computing Techniques for Advanced Manufacturing and Service Systems, CIE40 2010*. 5668366

### **A genetic algorithm approach for solving a closed loop supply chain model: A case of battery recycling**

Kannan, G., Sasikumar, P. & Kannan, D., Mar 2010, In: Applied Mathematical Modelling. 34, 3, p. 655-670

### **A modified two objective model for decision making in a supply chain**

Govindan, D. K., 2010, In: International Journal of Production Economics. 119, 1, p. 217-218 2 p.

### **A multi-echelon reverse logistics network design for product recovery—a case of truck tire remanufacturing**

2010, In: International Journal of Advanced Manufacturing Technology. 49, 9-12, p. 1223-1234 12 p.

### **A multi-objective model for two-echelon production distribution supply chain**

Govindan, D. K., 2010.

### **Analyzing Supplier Development Criteria for an Automobile Industry**

Govindan, K., Kannan, D. & A, N. H., 2010, In: Industrial Management & Data Systems. 110, 1, p. 43-62

### **Optimisation of genetic algorithm parameters in flow shop scheduling using grey relational analysis**

2010, In: International Journal of Advanced Operations Management. 2, 1/2, p. 25-45 21 p.

### **Role of IT in SCM environment**

2010, In: International Journal of Business Performance and Supply Chain Modelling. 2, 1, p. 81-94 14 p.

### **Erratum to "A modified two objective model for decision making in a supply chain" [International Journal of Production Economics 111 (2008) 378-388] (DOI:10.1016/j.ijpe.2007.01.006)**

Kannan, G., 1. May 2009, In: International Journal of Production Economics. 119, 1, p. 217-218 2 p.

### **3PRLP's selection using an integrated analytic hierarchy process and linear programming**

Palaniappan, M. & Noorul Haq, A., 2009, In: International Journal of Services Technology and Management. 12, 1, p. 61-80 20 p.

### **A conceptual view on the scope and scale of growth of third party logistics provider services in India**

Vinay, V. P. & Koh, S. C. L., 2009, In: International Journal of Enterprise Network Management. 3, 1, p. 43-55 13 p.

### **A heuristic based approach to vehicle routing model for third party reverse logistics provider**

P., S. & Noorul Haq, A., 2009, In: International Journal of Services Technology and Management. 12, 1, p. 106-125 20 p.

### **A hybrid approach using ISM and Fuzzy topsis for the selection of reverse logistics provider**

Govindan, D. K., Pokharel, S. & Sasikumar, P., 2009, In: Resources, Conservation and Recycling. 54, p. 28-36 9 p.

Analysis of closed loop supply chain using genetic algorithm and particle swarm optimization  
Govindan, K., Noorul, H. A. & Kannan, D., 2009, In: International Journal of Production Research. 47, 5, p. 1175-1200

**Applying fuzzy preference relations to third party reverse logistics provider selection**

Govindan, D. K., 2009.

**Conceptual study on 3PL/4PL/ new trends of service industry**

Vinay, V. P., Govindan, D. K. & Sasikumar, P., 2009, In: International Journal of Services Technology and Management. 12, 1, p. 3-22 20 p.

**Developing the reverse logistics network - a comment and suggestions on minimizing the reverse logistics cost**

Govindan, K., 2009, In: Omega. 37, 3, p. 741-741 1 p.

**Fuzzy approach to the selection of third party reverse logistics provider**

Govindan, D. K., 2009, In: Asia Pacific Journal of Marketing and Logistics. 21, 3, p. 397-416 20 p.

**Issues in the reverse supply chain, part III: Classification and simple analysis**

Sasikumar, P. & Govindan, D. K., 2009, In: International Journal of Sustainable Engineering. 2, 1, p. 2-27 26 p.

**Metrics for performance measurement of a reverse / closed-loop supply chain**

Pochampally, K. K., Gupta, S. M. & Govindan, D. K., 2009, In: International Journal of Business Performance and Supply Chain Modelling. 1, 1, p. 8-32 25 p.

**Multi-criteria group decision making for the third party reverse logistics service provider in the supply chain model using Fuzzy TOPSIS for transportation services**

Palaniappan, M., Senthil, P. & Noorul Haq, A., 2009, In: International Journal of Services Technology and Management. 11, 2, p. 162-181 20 p.

**Performance measurement of reverse logistics in supply chain management using decision support system**

Govindan, D. K., 2009, In: International Journal of Business Performance Management. 11, 1/2, p. 152-169 18 p.

**The Design of Vehicle Routes for a Third Party Logistics Service Provider Using Simulated Annealing Algorithm**

2009, In: International Journal of Business Performance Management. 11, 1/2, p. 1-18 18 p.

**Issues in reverse supply chains, part I: End-of-life product recovery and inventory management - an overview**

Sasikumar, P. & Kannan, G., 1. Sept 2008, In: International Journal of Sustainable Engineering. 1, 3, p. 154-172 19 p.

**Issues in the reverse supply chain, part II: reverse distribution issues - an overview**

Sasikumar, P. & Govindan, D. K., 2008, In: International Journal of Sustainable Engineering. 1, 4, p. 234-249 16 p.

**A hybrid normalised multi criteria decision making for the vendor selection in a supply chain model**

Noorul Haq, A. & Kannan, G., 2007, In: International Journal of Management and Decision Making. 8, 5-6, p. 601-622 22 p.

Analysis of interactions of criteria and sub-criteria for the selection of supplier in the built-in-order supply chain environment

Kannan, G. & Haq, A. N., 2007, In: International Journal of Production Research. 45, 17, p. 3831-3852 22 p.

**Fuzzy analytical hierarchy process for evaluating and selecting a vendor in a supply chain model**

Haq, A. N. & Kannan, G., 1. Jul 2006, In: International Journal of Advanced Manufacturing Technology. 29, 7-8, p. 826-835 10 p.

Design of an integrated supplier selection and multi-echelon distribution inventory model in a built-to-order supply chain environment

Haq, A. N. & Kannan, G., 15. May 2006, In: International Journal of Production Research. 44, 10, p. 1963-1985

## Activities

### **VI Brazilian Conference on Life Cycle Management – GCV2018**

Kannan Govindan, M.E., PhD., (Keynote speaker)

17. Jun 2018 → 20. Jun 2018

### **Industrial Management & Data Systems (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

1. Jan 2016 → ...

### **INFOR: Information Systems and Operational Research (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

2016 → ...

### **Journal of Cleaner Production (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

1. Aug 2015 → ...

### **Technological and Economic Development of Economy (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

1. May 2015 → ...

### **Discrete Dynamics in Nature and Society (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

2. Dec 2014 → ...

### **Scientific World Journal (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

9. Oct 2014 → ...

### **Transportation research Part E (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

1. Jan 2014 → ...

### **International Journal of Remanufacturing (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

10. Dec 2013 → ...

### **IEEE Transactions on Engineering Management (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

Aug 2012 → ...

### **Resources, Conservation and Recycling (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

1. Sept 2009 → ...

### **International Journal of Advanced Operations Management (Journal)**

Kannan Govindan, M.E., PhD., (Editor)

12. Sept 2008 → ...

**International Journal of Business Performance and Supply Chain Modeling (Journal)**  
Kannan Govindan, M.E., PhD., (Editor)  
12. Sept 2008 → ...