
BIBLIOGRAPHY

- [1] M. Christiansen, K. Fagerholt, and D. Ronen. Ship routing and scheduling: Status and perspectives. *Institute for Operations Research and the Management Sciences*, 2004.
- [2] D. S. Yamashita, B. J. V. da Silva, R. Morábito, and P. C. Ribas. A multi-start heuristic for the ship routing and scheduling of an oil company. *Elsevier BV*, 2019.
- [3] K. Fagerholt and D. Ronen. Bulk ship routing and scheduling: solving practical problems may provide better results. *Taylor & Francis*, 2013.
- [4] M. Mahmoodjanloo, G. Chen, S. Asian, S. H. Iranmanesh, and R. Tavakkoli-Moghaddam. In-port multi-ship routing and scheduling problem with draft limits. *Maritime Policy & Management*, 48(7):966–987, 2020.
- [5] Pietro Santos, Endel Kretschmann, Denis Borenstein, and Pablo Guedes. Cargo routing and scheduling problem in deep-sea transportation: Case study from a fertilizer company. *Computers & Operations Research*, 119:104934, 2020.
- [6] J. J. Siahaan, E. Pratiwi, and P. D. Setyorini. Study of green-ship routing problem (g-vrp) optimization for indonesia lng distribution. In *IOP Conference Series: Earth and Environmental Science*, volume 557, page 012018. IOP Publishing, 2020.
- [7] Zongran Dong and Xuanyi Bian. Ship pipe route design using improved a* algorithm and genetic algorithm. *IEEE Access*, 8:153273–153296, 2020.
- [8] Wei Shao, Peilin Zhou, and Sew Kait Thong. Development of a novel forward dynamic programming method for weather routing. *Journal of Marine Science and Technology*, 17:239–251, 2012.
- [9] A. B. Ormevik, K. Fagerholt, F. Meisel, and E. Sandvik. A high-fidelity approach to modeling weather-dependent fuel consumption on ship routes with speed optimization. *Maritime Transport Research*, 5, 2023.
- [10] Debabrata Sen and Chinmaya P. Padhy. An approach for development of a ship routing algorithm for application in the north indian ocean region. *Applied Ocean Research*, 50:173–191, 2015.
- [11] L. Wu, S. Wang, and G. Laporte. The robust bulk ship routing problem with batched cargo selection. *Transportation Research Part B: Methodological*, 143:124–159, 2021.
- [12] Antono Adhi, Nurhadi Siswanto, and Budi Santosa. Hybrid metaheuristic for solving maritime inventory routing problem in bulk product transportation. *International Journal of Intelligent Engineering & Systems*, 16(2), 2023.

- [13] G.Y. Zhang, H.B. Wang, W. Zhao, Z.Y. Guan, and P.F. Li. Application of improved multi-objective ant colony optimization algorithm in ship weather routing. *J. Ocean Univ. China*, 20:45–55, 2021.
- [14] Y.K. He, D. Zhang, J.F. Zhang, M.Y. Zhang, and T.W. Li. Ship route planning using historical trajectories derived from ais data. *Transnav-Int. J. Mar. Navig. Saf. Sea Transp.*, 13:69–76, 2019.
- [15] Nur Iksan et al. Optimizing maritime passenger transfer in rich vehicle routing problem using a hybrid genetic algorithm. *IEEE Access*, 2024.
- [16] J. Mulder and R. Dekker. Optimization in container liner shipping. Technical report, Econometric Institute Report, Erasmus School of Economics, 2016.
- [17] Houming Fan, Jiaqi Yu, and Xinzhe Liu. Tramp ship routing and scheduling with speed optimization considering carbon emissions. *Sustainability*, 11(22), 2019.
- [18] Alba Martínez-López and Manuel Chica. Joint optimization of routes and container fleets to design sustainable intermodal chains in chile. *Sustainability*, 12(6), 2020.
- [19] Zicheng Xia et al. Joint optimization of ship scheduling and speed reduction: A new strategy considering high transport efficiency and low carbon of ships in port. *Ocean Engineering*, 233, 2021.
- [20] Said El Noshokaty. Shipping optimization systems (sos) for tramp: stochastic cargo soft time windows. *Journal of Shipping and Trade*, 6(1), 2021.
- [21] A. M. P. Santos, Kjetil Fagerholt, and C. Guedes Soares. A stochastic optimization algorithm for the supply vessel planning problem under uncertain demand and uncertain weather conditions. *Ocean Engineering*, 278, 2023.
- [22] A. Posada, J.C. Rivera, and J.D. Palacio. A mixed-integer linear programming model for a selective vehicle routing problem. In *Applied Computer Sciences in Engineering*. Springer, Cham, 2018.
- [23] A. Posada, J.C. Rivera, and J.D. Palacio. Selective vehicle routing problem: A hybrid genetic algorithm approach. In *Artificial Evolution*. Springer, Cham, 2020.
- [24] Cosmin Sabo, Petrica Pop, and Andrei Horvat-Marc. On the selective vehicle routing problem. *Mathematics*, 8(5), 2020.
- [25] Leopoldo Cárdenas-Barrón and Rafael Melo. A fast and effective mip-based heuristic for a selective and periodic inventory routing problem in reverse logistics. *Omega*, 103, 2021.

- [26] K. EL Bouyahyiouy. The selective full truckload multi-depot vehicle routing problem with time windows: Formulation and a genetic algorithm. *International Journal of Supply and Operations Management*, 9(3):299–320, 2022.
- [27] K. EL Bouyahyiouy, Anouar Annouch, and Adil Bellabdaoui. An milp-based lexicographic approach for robust selective full truckload vehicle routing problem. *International Journal of Advanced Computer Science and Applications*, 14:96–107, 2023.
- [28] M. Dorigo, M. Birattari, and T. Stutzle. Ant colony optimization. *IEEE Computational Intelligence Magazine*, 1(4):28–39, 2006.