

Scholarly Activity for 2010

Papers available upon [request](#) and based on copyright agreement with publisher

1. **Golias M.M.**, Boilé M., Theofanis S., Efstathiou C. (2010) The berth scheduling problem: Maximizing berth productivity and minimizing fuel consumption and emissions production. *Transportation Research Record*, 2166, 20-27.
2. **Golias M.M.**, Boilé M., Theofanis S. (2010) The discrete berth scheduling problem: Towards a unified mathematical formulation. *Transportation Research Record*, 2168, 1-8.
3. **Golias M.M.**, Boilé M., Theofanis S., Taboada A.H. (2010) A multi-objective decision and analysis approach for the berth scheduling problem. *International Journal of Information Technology Project Management*, 1(1), 54-73.
4. Saharidis G.K.D., **Golias M.M.**, Boilé M., Theofanis S., Ierapetritou M. (2010) The berth scheduling problem with customer differentiation: A new methodological approach based on hierarchical optimization. *International Journal of Advanced Manufacturing Technology*, 46(1-4), 377-393
5. **Golias M.M.**, Boilé M., Theofanis S. (2010) A lamda-optimization based heuristic for the discrete berth scheduling problem. *Transportation Research Part C: Emerging Technologies* 18(5), 794-806.
6. **Golias M.M.** A simulation based approach to optimize berth throughput under uncertainty at marine container terminals. MODSIM World Conference & Expo, Hampton, Virginia, USA, 2010.
7. Boilé M., **Golias M.M.**, Ivey S. A Bayesian hierarchical network for truck demand modeling. Innovations in freight demand modeling and data: A transportation research board SHRP 2 symposium. 2010, Crowne Plaza Hotel– Dulles Airport, Washington, DC, 2010.
8. **Golias M.M.**, Boilé M., Theofanis S., Saharidis G.K.D *The yard to berth operations resource allocation problem at marine container terminals*. International Conference on Transportation Research, Athens, Greece, 2010.
9. **Golias M.M.**, Haralambides H.E. A berth scheduling policy with a variable cost function. 12th World Conference on Transport Research, Lisbon, Portugal, 2010.
10. **Golias M.M.**, Ivey S., Ji K., Lipinski M.E. A bi-objective model to minimize service and storage time at a cross dock facility. 51st Annual Transportation Research Forum, Arlington, Virginia, 2010.

Scholarly Activity for 2010 Continued

Papers available upon [request](#) and based on copyright agreement with publisher

11. Maguire A., Ivey S., Lipinski M.E., **Golias M.M.** *Relieving Congestion at Intermodal Marine Container Terminals: Review of Tactical/Operational Strategies*. 51st Annual Transportation Research Forum, Arlington, Virginia, 2010.
12. **Golias M.M.**, Ivey S, Haralambides H.E., Saharidis G.K.D. *Maximizing throughput and minimizing tardiness and earliness at a cross dock facility: A bi-objective formulation*. Annual Meeting of the Transportation Research Board, Washington, DC, 2010.
13. Mills L., Ivey S., **Golias M.M.** *Effectiveness of truck safety measures: a review of current research*. Annual Meeting of the Transportation Research Board, Washington, DC, 2010.
14. Boidapu V., Ivey S, **Golias M.M.**, Lipinski M.E. *A system description and a literature review survey for rail intermodal container terminal operations*. Annual Meeting of the Transportation Research Board, Washington, DC, 2010.