

Marcel Turkensteen  
Associate professor  
Department of Economics  
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## Employment

### Associate professor

Department of Economics and Business Economics

Aarhus University, Aarhus V, Denmark

29 Jul 2011 → Now

### Post doc.

Department of Business Studies, Aarhus University, Aarhus V, Denmark

21 Dec 2010 → 30 Mar 2011

### Previous positions:

- Postdoc at the Aarhus School of Business, 2007 – 2010
- PhD student at University of Groningen, 2002 - 2007

## Research

My research is within Operations Research. The main share of my current research is within the area of logistics and sustainability, where I evaluate the sustainability impact (e.g., carbon emissions) of logistics decisions (e.g., a route choice). Other studies include the analysis of graph-theoretical problems.

## Teaching

I have taught on bachelor students, master students, as well as PhD students. Topics include optimization in spreadsheets, sustainability and logistics, and modeling in logistics.

## Selected publications

### Combining pickups and deliveries in vehicle routing – An assessment of carbon emission effects

Turkensteen, M. & Hasle, G. 2017. In: Transportation Research. Part C: Emerging Technologies. 80, p. 117-132

### The accuracy of carbon emission and fuel consumption computations in green vehicle routing

Turkensteen, M. 2017. In: European Journal of Operational Research. 262, 2, p. 647–659

### A vendor managed inventory model using continuous approximations for route length estimates and Markov chain modeling for cost estimates

Larsen, C. & Turkensteen, M. 2014 In: International Journal of Production Economics. 157, p. 120-132

### Demand dispersion and logistics costs in one-to-many distribution systems

Turkensteen, M. & Klose, A. 2012. In: European Journal of Operational Research. 223, 2, p. 499-507

### Balancing the fit and logistics costs of market segmentations

Turkensteen, M., Sierksma, G. & Wieringa, J. E. 2011. In: European Journal of Operational Research. 213, 1, p. 340-348

### Tolerance-Based Branch and Bound Algorithms for the ATSP

Turkensteen, M., Ghosh, D., Goldengorin, B. & Sierksma, G. 2007. In: European Journal of Operational Research, 189, 3, p. 775-778