



Resume

(July 2014)

René (M.) B.M. de Koster

(<http://www.rsm.nl/rdekoster>)

is a professor of Logistics and Operations Management at Rotterdam School of Management, Erasmus University, Rotterdam.

Education

He holds a BSc in Mathematics with Physics and Astronomy from Radboud University, and an MSc in mathematics from the same university, with a minor in Economics.

He has a PhD in Industrial Engineering from Eindhoven University of Technology

Work experience

1983 – Teacher mathematics

1983-1984, Researcher at Erasmus University Rotterdam

1988-1996, Consultant and project manager in the areas of facility design and realisation, design of Material Handling, Logistics, and Information systems (primarily WMS systems) at Groenewout Consultants

1995- Professor at Rotterdam School of Management, Erasmus University.

Positions at Erasmus University

- ◆ Chair of the section Supply Chain Management (2013-now)
- ◆ Chair of the department Management of Technology and Innovation (1999-2005)
- ◆ Chair of the three Educational committees of Rotterdam School of Management (BA, IBA, PTO) (2005-2012)
- ◆ Chair Academic Board Erasmus Smartport Rotterdam ([ESPR](#)) (2010-now)
- ◆ Research fellow at ERIM and TRAIL research schools
- ◆ RSM CEMS (www.cems.org) representative for Logistics (1995-now).

Other positions

- ◆ Chair CEMS (www.cems.org) Interfaculty Group on Logistics (2013-now)
- ◆ Chair [Stichting Logistica](#) (2009-now)
- ◆ Member of the ELA ([European Logistics Association](#)) Research and Development Committee (2001-now)
- ◆ Member board of Directors AIRL (www.airl-log.com), since 2014
- ◆ Member Scientific Committee, Graduate school in Mechatronics and Product innovation Engineering, University of Padova (since 2013)
- ◆ Honorary member VeLA (www.vela.nl), 2013-now
- ◆ Jury member 'Logistieke manager van het jaar' (www.logistiekmanagervanhetjaar.nl) (2005-now)
- ◆ Jury chair '[Logistica Award](#)' for logistic innovations (tri-annual) (2001-now)

- ◆ Jury chair ‘[Veiligste Magazijn](#)’ (warehouse with best working environment) (2006-now)
- ◆ Program Faculty member [Kühne Logistics University](#), Hamburg (2009-2011)
- ◆ Member Scientific Advisory Board BVL (Bundesvereinigung Logistik: <http://www.bvl.de/en/scientificadvisoryboard/scientific-advisory-board>)
- ◆ Founder and Chair Material Handling Forum (www.rsm.nl/mhf)
- ◆ Royal Ahold, Member Advisory board on warehouse automation, 2012-now

Visiting positions, lecturing

His main teaching subjects are Intralogistics management, operations management, logistics, supply chain management, and retail operations. He has given or still gives regular courses at different schools (including Université Catholique du Louvain, University of Pretoria, TIAS Business School, Eindhoven University of Technology, Kedge business school Bordeaux, Kühne Logistics University Hamburg).

He is guest professor at University of Science and Technology of China (USTC), Hefei, since 2013.

He has been and still is involved in in-company courses for several companies, and various post—experience and pre-experience programs at various schools. He has been invited speaker at several academic and professional conferences.

Research

His research interests are warehousing, material handling, container terminal operations, behavioural operations, retail operations and reverse logistics. He is (co-) author / editor of 8 books and over 150 papers in books and journals, including TS, JOM, POM, IIE Transactions, IEEE TEM, IJOPM, IJPR, EJOR etc. (Scopus *h*-index: 20, Google Scholar *h*-index: 28). He is associate editor or member of the editorial boards of 15 academic journals, including TS (SIE), OR (AE), IJOPM (SIE), JOM.

Some keynotes

- NELT, 2011, Seoul, Korea
- IX. International Logistics & Supply Chain Congress, Izmir, Turkey, 2011
- OSCM2014, Bali

Some recent international conference organizations

- IMHRC2012 Gardanne (F), IMHRC2014 Cincinnati (USA): OC
- LOGMS2012, Bremen (D), LOGMS2014, Rotterdam (NL): OC
- RIRL2012, Montreal, Canada: PC
- P&OM2012, Amsterdam, Netherlands: OC
- OR2013, Rotterdam (NL): OC

Awards

Together with his PhD students he has won several awards for (joint) papers and theses:

- ◆ Robert van der Meer & M.B.M. de Koster (TRAIL best paper award, 2001),
- ◆ Iris Vis (Informs TS best thesis award, 2002),
- ◆ TRAIL best PhD supervisor award (2004).
- ◆ Mengfei Yu & M.B.M. de Koster (IESM Beijing 2nd best paper award, 2007).
- ◆ Hans Quak & M.B.M. de Koster, finalist 2007 best paper award *Journal of Operations Management*

- ◆ POMS 2009, 2nd prize in best student paper award. (for joint paper with José Antonio Larco, J. Dul and K.J. Roodbergen)
- ◆ Best TRAIL 2008 paper award (for joint paper with José Antonio Larco, J. Dul and K.J. Roodbergen)
- ◆ Best paper award (2008-2009) in Design and Manufacturing (with Y. Gong), *IIE Transactions* for the paper “A polling-based dynamic order picking system for online retailers”
- ◆ Special Life Time Logistics Service Award, Yaşar University, Izmir, Turkey, 2011.
- ◆ Nomination for best paper award (with Daan Stam), AoM 2013
- ◆ ERIM Impact award, 2013

List with finished PhD students

Name(s) of PhD student(s)	year of PhD ceremony
J.R. van der Meer	2000
K.J. Roodbergen	2001
I. Vis	2002
M. De Brito	2004
T. Le-Duc	2005
T. Le-Anh	2005
M. Yu	2008
H. Quak	2008
Y. Gong	2009
J.A. Larco	2010
A. Gharehgozli	2012
N. Zaerpour	2013
M. Matusiak (Aalto)	2014
X. Guo (USTC)	2014
E. Tappia (Polytecnico di Milano)	2014

Some recent company projects carried out

1. E’Hawk. Software development for hybrid warehouses, IWT (‘Instituut voor de Aanmoediging van Innovatie door Wetenschap en Technologie in Vlaanderen’) project with Egemin and Katholieke Universiteit Leuven, Antwerp, Dec 2007-May 2010
2. Ultimate: Extended gate project, 2010-2014 (with Dinalog, Port of Rotterdam, and others)
3. Cargo Driven Intermodal Transportation, 2012-2014 (with Dinalog, Port of Rotterdam, and others).
4. Ahold, warehouse automation, 2012-2013

6 selected recent academic publications

1. Gharehgozli, A.H., Laporte, G., Yu, Yugang & Koster, M.B.M. de (2014). Scheduling Twin Yard Cranes in a Container Block. *Transportation Science*.
2. Zaerpour, N., Yu, Yugang & Koster, René de (2014). Storing Fresh Produce for Fast Retrieval in an Automated Compact Cross-dock System. *Production and Operations Management*
3. Eren Akyol, D. & Koster, M.B.M. de (2013). [Non-dominated time-window policies in city distribution](#). *Production and Operations Management*, 22(3), 739-751.

4. De Koster, M.B.M., Stam, D. & Balk, B.M. (2011). Accidents happen: The influence of safety-specific transformational leadership, safety consciousness, and hazard reducing systems on warehouse accidents. *Journal of Operations Management* 29, 753-765
5. Quak, H.J., de Koster, M.B.M. (2009), Delivering goods in urban areas. How to deal with urban policy restrictions and the environment?, *Transportation Science* 43(2), 211-227.
6. Quak, H., M.B.M. de Koster (2007), Exploring retailers' sensitivity to local sustainability policies, *Journal of Operations Management* 25, 1103-1122 (finalist best paper award)

Some professional publications

1. D. Smagalla, Supply-Chain culture clash (synopsis of M.B.M. de Koster, M. Shinohara: Japanese logistics in Europe: will East meet West?), *MIT Sloan Management Review* 46(1), 6, 2004.
2. M.B.M. de Koster (2007), Eco-efficient ondernemen, *Logistiek* 2(7), pp. 5.
3. M.B.M. de Koster (2007), Duurzame logistiek, *Logistiek* 2(18), pp. 5
4. Poul Breil-Hansen (2007), "Read a warehouse, fast – warehouse assessment in a single tour", interview in: *Supply Chain Magasinet* 5(12), 30-33 (DK: 'Tag temperaturen på dit lager'), <http://www.horizontnet.dk/lageroptimering08/>
5. Poul Breil-Hansen (2008), Optimér plukkeprocessen på dit lager, interview in: *Supply Chain Magasinet* 6(1), 44-47.