

CHRONOLOGICAL LIST OF PUBLICATIONS BY STEN WANDEL.

A selection of the 50 most relevant for the Lund University application for Strategic research

- A. Monographs and reports**
- B. Course literature**
- C. Scientific articles**
- D. Conference contributions**
- E. Other publications**

- A. 1968:2 Andersson, Wandel, Kaijser: Material- och produktionsstyrning inom industrin (Material and production control in industry), Affärsekonomis skriftserie nr 52, 1968, 40 p.
- B.1968:3 Andersson, Ljungfeldt, Wandel: Produktionsstyrning (Production control), Studentlitteratur, Lund, 1978, 251 p. andra upplagan, 1970
- D. 1971:3 Wandel, S.: Development and Analysis of Nurse Staffing Model - A Continuous System Simulation Approach. Presented at Bay area chapter of American Institute of Industrial Engineering, 1971. (1st Student Paper Prize)
- D. 1972:1 Wandel, S.: A Combined Linear Programming and Simulation Model for Aggregate Planning and Scheduling of Nurses in Hospitals. Presented at 41st meeting of Operations Research Society of America, New Orleans, April 1972. (1st Student Paper Prize)
- C. 1973:1 Abernathy, Baloff, Hershey, Wandel: A three stage manpower planning and scheduling model - a service sector example, Operations Research, Vol. 21, 1973, pp 693-711, 30 p.
- A. 1973:4 Wandel, S.: A three-stage probabilistic programming model for manpower management - a nurse staffing example, PhD dissertation, Stanford, 1973, 210 p.
- C. 1975:2 Wandel, Hershey: A conceptual framework for nurse staffing management, OMEGA. The International Journal of Management Science, Vol. 3 No. 5, 1975, 10 p.
- C. 1975:4 Wandel, Hershey: Evaluation of nurse staffing policies using a manpower planning and scheduling model, in Haley, ed., Operational Research 75, North-Holland, 1975, 20 p.

- A. 1976:1 Jennergren, Lundh, Wandel: Icebreaking operations in the Northern Baltic - a simulation study, FOA PT 1976:1, 34 p.
- A. 1976:2 Bergendorff, Björhn, Herin, Wandel: Produktivitets-, pris- och löneutveckling i försvaret (Productivity, price, and labour development in the Swedish defence), FOA rapport C 10057-M3, 1976, 42 p.
- C. 1977:2 Jennergren, Lundh, Wandel: Icebreaking Operations in the Northern Baltic - A Simulation Study, Operational Research Quarterly, Vol 28, pp 377-390, 1977, 14 p.
- E. 1977:3 Bogren, Lundh, Vorwerk, Wandel: Kollisionsriskstudie (Risk analysis of ship collisions if a refinery is located on the Baltic coast), FOA 150, 1977, 65 p.
- A. 1981:1 Co-author to: Boldy, D. (ed): Operational Research applied to Health Services, Croom Helm London, 1981
- A. 1982:2 Wandel, S.: The impact of information technology on freight transport in the future (in Swedish) in Carriers and shippers in the future, Transport Research Commission (TFK) Report 1982:11
- A. 1983:1 Bäckman, Gyllensten, Ireståhl, Sundström, Wandel: Fraktdata - Registrering, överföring och användning av fraktsedelsdata (Freight data - Register, transmission and use of information on freight bills) Transportforskningsdelegationen dnr 20/81-32, 56/80-32
- D. 1983:2 Ågren, B. & Wandel, S.: Cost and Efficiency of Transportation, Inventory and Materials Handling Activities in Sweden. Proceedings, World Conference on Transport Research, Hamburg, April 1983
- D. 1984:1 Ågren, B. & Wandel, S.: Swedish Inventory Volumes in a Logistic Connection - An Attempt to Analysis. Proceedings, 3:rd International Symposium on Inventories, Budapest, 1984
- A, B. 1984:2 Wandel, S.: Page 6-24 in Strategies for capital reductions in materials management and distribution, Transport Research Commission (TFK) Report 1984:2 (in Swedish)

- B, C. 1985:1 Wandel, S.: A Schematic Model of Experiments with Mathematical Models - Applied to Production Control. Engineering Costs and Production Economics, 9, 1985, pp 321-327, Elsevier Science Publishers B.V., Amsterdam
- A. 1985:2 Ågren & Wandel, S.: Godstransporter om 10 - 20 år - Materialadministration och transporter (Goods Transport the next 10-20 years- Logistics and Transport)., The Swedish Transport Council, TPR 1985:6, Bilaga 1
- E. 1987:1 Informationsteknologi och godstransporter (Information technology and freight transport) I Forskning och utveckling inom järnvägssektorn (In research and development in the railway sector), TFB Meddelande nr 29, Stockholm 1987
- D. 1987:3 Wandel, S.: The Concept of Logistic Chains and Its Impact on Transport Trends and Policy. TRANS/GE.36/R.20, ECE, UN, Geneva. In four languages. Presented at the 7:th session of Inland Transport Committee, September 1987.
- C. 1987:4 Wandel, S.: Eine Delphi-Studie Über Verschiedene Szenarii Einer Künftigen Entwicklung Des Strassenverkehrs, Fachkongress "Verkehr 2001" - Sicherheitsstrategien für das 3. Jahrtausend, Hofburg, Wien, Oktober 1987
- A, B. 1988:2 Wandel, S.: Transportation - Environment Scenarios. European Case Study Workshop on Policy Exercises for the Environment. IIASA, Baden, Austria, June 1988 also published in French in Stigliani, W.M. et.al, L'environnement futur en Europe de l'est et de l'ouest: Conséquences de divers scénarios de développement, Study made for the ministries of environment in France and the Netherlands, IIASA, Laxenburg, Austria, September 1989, p 38 ff
- A. 1988:4 Wandel & Strömqvist et al: Information Technology and Regional Development in the European Context: Special Emphasis and Rural Transportation and Distribution Sectors, in Opportunities for Applications of IT & T in Rural Areas, Report for Commission of European Communities, DG XIII, Analysis, Cambridge, Nov 1988
- E. 1988:6 Dimitrov, P. & Wandel, S.: An International Analysis of Logistics Performance. IIASA, WP-88-31, Laxenburg, 1988
- B, D. 1989:1 Tarkowski, J., & Wandel, S.: Informatics in Freight Operations in Sweden, International Conference on the Impact on New Technology on Freight Transport in Europe, Lisbon, Portugal 22-23 June, 1989

A. 1989:2 Wandel, S.: Chapter in Telematics in Goods Transport. Round Table 78, European Conference of Ministers of Transport, October 1988, ECMT/OECD Publications, Paris 1989.

A. 1989:3 Wandel, S. (10 co-authors): EUROFRET (A European System for International Road Freight Transport Operations), DRIVE-Contract 1027, Directorate General XIII, Commission of the European Communities, reports:

1. Questionnaire used in operators and organizations survey, 1 st Deliverable, Feb '89.
2. Road Freight Operations (RFO) in Europe: The Framework of Road Freight Operations. RTI Applications and user Attitudes 2nd Deliverable, Vol I, Aug '89.
3. Road Freight Operations (RFO) in Europe: Review of Current and Potential RTI Systems, 2nd Deliverable, Vol II, Aug '89.
4. Alternative RTI Strategies for RFO Scenaria: Scenaria for Future Freight Operations and Alternative RTI Strategies, 3rd Deliverable, Vol I, May '90.
5. Alternative RTI Strategies for RFO Scenaria: Combined Transport and RTI Applications. Existing Conditions and Future Prospects, 3rd Deliverable, Vol II, April '90.
6. Alternative RTI Strategies for FRO Scenaria: Territoriality Principle: Applicability and Prospective RTI Applications, 3rd Deliverable. Vol III, April '90.
7. Alternative RTI Strategies for RFO Scenaria: Glossary of Terms Used in EUROFRET, 3rd Deliverable, Vol IV, April '90.
8. Second Annual report. Part A. Section 1 (and selected figures). Achievements of the Project, September 1990
9. Evaluation of Alternative RTI Strategies and Preferred Action, 4th Deliverable, Oct '90.
10. RTI/RFO Activities and the Transport Organization Environment, 5th Deliverable, April 1991
11. The Evolution of RTI in RFO, 6th Deliverable, June 1991.

A, B. 1989:6 Mats Lith (pseudonym), Wandel, S. et al: Utmaningen - spelet om morgondagens konkurrensfördelar, Esselte Studium, 1989

A. 1990:1 Informatik- och logistikmarknadens strukturutveckling, i Informationsbehandling för materialflöden och godstransporter, Transportforskningskommissionen 1990:3

- A, B. 1991:1 Wandel, S., Ruijgrok, C., & Nemoto, T.: Relationships Among Shifts in Logistics, Transport, Traffic and Informatics - Driving Forces, Barriers, External Effects and Policy Options in Storhagen, N.G. & Huge, M., Logistiska framsteg, Studentlitteratur, 1992
- A, B. 1991:2 Borg, J., & Wandel, S.: Logistics in Sweden, in Dimitrov, P. (ed), National Logistics Systems, CP-91-06, International Institute for Applied Systems Analysis, Laxenburg, Austria, June 1991
- B. 1991:5 Wandel, S.: Swedish logistics, in Cooper, Browne and Peters (eds): European Logistics - Markets, Managment and Strategy, Blackwell Publishers, Oxford, 1991
- A. 1992:3 Wandel, S.: (20 co-authors) IFMS (Integrated Freight Logistics Fleet & Vehicle Management System) DRIVE II Project V2051, DG XIII Commission of the European Communities, reports:
1. IFMS System Design and Impact Framework, Deliverable 1, May 1992
 2. IFMS System Architecture and Standadization Proposals for Pilot Phase I, Deliverable 2, May 1992
 3. IFMS Configuration for Pilot Phase I, Deliverable 3, May 1992
- A. 1992:6 Wandel, S. (co-author): Advanced Logistics and Road Freight Transport. OECD, Paris, 1992
- C. 1993:1 Wandel, S., "Interrelations among Shifts in Logistics, Transport, Informatics and Infrastructure", chapter 14 in "Strategy Planning in Logistics and Transportation" Eds Cooper, J. et al, Kogan Page Ltd, 1993.
- C. 1993:2 Wandel, S., Ruijgrok, C., "Innovation and Structural Changes in Logistics: a Theoretical Framework", chapter 12 in Transport and Communications Innovation in Europe, pp 233-258, Eds Giannopoulos, G, Gillespie, A., Belhaven Press, London, 1993
- C. 1993:3 Wandel, S., Giannopoulos, G., "Transport Communications and Technical Change in Europe: Issues and Policy Implications", chapter 11 in Europe on the Move, Ed Nijkamp, published by Avebury in ass. with European Science Foundation (ESF), pp 197-212, Hants England, 1993, ISBN 1 85628547 2.

- A. 1994:1 Wandel, S., "Sveriges konkurrenssituation - Logistik en viktig faktor", Bergshandteringens vänner, årsbok, Västerås 1994.
- C. 1995:1 Wandel, S., Ruijgrok, C., "Information Technologies for the Development of Transport and Logistics - A Systems model and Examples" in Information Technology for Development, Advanced Technology Assessment System, Proceedings UN Conference on Trade and Development, Geneva, Issue 10 Autumn 1995
- A. 1996:1 Wandel, S. (co-author.) Integrated Advanced Logistics and Innovations Freight Transport, 180 pages, OECD, Paris 1996
- A. Wandel et al: Trepartslogistik, Pionjärer visar vägen, two chapters in Visioner och verklighet, Posten, 1997 och 1998
- C. Abrahamsson, M, Wandel, S.: A model of tiring in third-party logistics with a service parts distribution case study, Transport Logistics, vol.1, No.3, pp181-194, 1998
- C. Berglund, M., van Laarhoven, P., Sharman, G. and Wandel, S.: Third-Party Logistics: Is there a future? The International Journal of Logistics Management, Vol 10, Number 1, 1999
- A. Wandel S., Björnsson P. Logistikens inverkan på den regionala utvecklingen - med respektive utan broavgift, i Söderström, Lars (red.), Öresundsförbindelse med ett hinder mindre, Öresundsuniversitetet, Lund, april 2002
- C. Skjøtt-Larsen, T, Paulsson, U, and Wandel, S.: Logistics in the Öresund region after the bridge, European Journal of Operations Research, 2003-02-28
- E. Wandel, S. Method and Device for Detecting Intrusion into or Tampering with Contents of an Enclosure, International patent application WO2006/123983, World Intellectual Property Organization, 2006-11-23
- E. Rydén, P., Wandel, S. : Vilken infrastruktur behövs för att Öresundsregionen skall vidareutvecklas som den viktigaste knutpunkten för logistik och handel för Östersjöområdet och Skandinavien? Öresundsbarometern nr 4, november 2007
- E. Ulf Paulsson, U., Nilsson, C-H., Wandel, S.: Model for Estimation of Disruption Risk Exposure in the Supply Chain, submitted to International Journal of Production Economics, 2008

