

Alec Morton

Contact Details

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Professional Experience

- April 2004- present Lecturer
Operational Research Group, Department of Management
London School of Economics and Political Science
(on secondment to the National Audit Office as Visiting Senior Fellow
January – July 2008)
- January 2003- April 2004 Research Fellow, employed under a research grant on Aircargo Logistics
Department of Industrial and Systems Engineering, National University
of Singapore
- December 1999- Cargo Systems Planner/ Senior Business Technology Analyst
December 2002 Singapore Airlines/ Singapore Airlines Cargo

Education

- October 1996- October 1999 **Ph.D. Management Science**
University of Strathclyde
- October 1995- October 96 **M.Sc. Operational Research**, with distinction
University of Strathclyde
- October 1992- June 95 **B.Sc. Mathematics and Philosophy**, with First Class Honours
University of Manchester

Teaching

At LSE, I have taught on the following courses:

- OR304 Decision Sciences in Theory and Practice
- OR202. Operational Research Methods
- OR432.2 Methods for structuring problems/ OR411 Problem Structuring Methods
- OR426.2 Applied Stochastic Modelling
- OR425 Decision Analysis in Social Context/ OR434 Principles of Decision Sciences
- MI461 Quantitative Methods for Management
- MG433 Foundations of Management

PhD Supervision

I am second supervisor for

- Mara Airoidi (with G Bevan)
- Camlia Ram (with G Montibeller)
- Ana Barcus (with G Montibeller)

Service in professional societies and conference and workshop organisation

- Organising Committee for Health Economist's Study Group meeting of Winter 2010.
- Chair of Decision Analysis Special Interest Group of the Operational Research Society (2007-). As founding Chair of the Decision Analysis Special Interest Group of the OR Society, I have co-organised 6 meetings of the Group (1 day workshops) since 2007

- Stream organiser for Decision Analysis stream at OR Society Conference, with G Montibeller (September 2005, 2006, 2008)
- Session organiser at INFORMS, with M Schilling (2007), with Jeff Keisler (2008), with Ahti Salo and Jeff Keisler (2009)
- Session organiser at EURO with Ahti Salo and Jeff Keisler (2009)
- Organised 1 day workshop at LSE on health equity under the QQUIP project (Jan 2007)
- Organised 1 day workshop at LSE on hospital simulation under DGHSIM project (July 2006)
- Membership of the Management Committee of the Operational Research Society of Singapore (2000-2003), including terms as Secretary and Treasurer.

Reviewing

- Occasional reviewer for *European Journal of Operational Research*, *Group Decision and Negotiation*, *International Journal of Energy Sector Management*, *International Journal of Technology Management*, *Journal of Applied Statistics*, *Journal of Health Economics*, *Journal of Multi-Criteria Decision Analysis*, *Journal of the Operational Research Society*, *Judgment and Decision*, *Management Information Systems Quarterly*, *Risk Analysis*, *Systems Research and Behavioral Science*,
- Reviewer for Economic and Social Research Council and Medical Research Council

Consulting

I have consulted for

- the Environment Agency;
- the Nuclear Decommissioning Authority;
- the National Audit Office.

Grants

- In 2008 I was 50% employed on a grant from the National Audit Office and Economic and Social Research Council
- Since 2005 I have been 20% employed on a grant from the Health Foundation on the Quest for Quality and Improved Performance in healthcare (QQUIP)
- I also have small travel grants from the British Council (2008-2009) and the COST Action on Algorithmic Decision Theory (2010)

Service to the School

- From 2007, service as member of the Management Committee of LSE Health.
- Co-organisation (with Helen Vieth) of LSE Health Awayday 2009
- From 2004, service on various committees and working groups within the Operational Research Group and Department of Management at LSE.
- Service on interview panels for Operational Research Group and the Centre for the Analysis of Risk and Regulation

Articles in Refereed Journals

1. Morton, A., D. Bird, A. Jones and M. White (forthcoming). Decision Conferencing for Science Prioritisation in the UK public sector: a dual case study. *Journal of the Operational Research Society*.
2. Morton, A. (forthcoming). Bridging the gap: health equality and the deficit framing of health. *Health Economics*.
3. Airolidi, M. and A. Morton (2009). Adjusting Life for Quality or Disability: stylistic difference or substantial dispute? *Health Economics* **18**: 1237-1247.
4. Gouldson, A., A. Morton and S. Pollard (2009). Modern environmental regulation I: the contribution of risk-based decision making. *Science of the Total Environment* **407**: 5283-5288.

5. Morton, A., M. Airoidi and L. D. Phillips (2009). Nuclear Risk Management on Stage: A Decision Analysis Perspective on the UK's Committee on Radioactive Waste Management. *Risk Analysis* **29**: 764-779.
6. Morton, A. and J. Cornwell (2009). What's the difference between a hospital and a bottling factory? *British Medical Journal* **339**: 428-430.
7. Morton, A. and B. Fasolo (2009). Behavioural Decision Theory for Multi-Criteria Decision Analysis: a guided tour. *Journal of the Operational Research Society* **60**: 268-275.
8. Morton, A. and L. D. Phillips (2009). Fifty years of probabilistic decision analysis: a view from the UK. *Journal of the Operational Research Society* **60**: S33-S40.
9. Airoidi, M., G. Bevan, A. Morton, M. Oliveira and J. Smith (2008). Facing poor glucose control in type 1 diabetes: requisite models for strategic commissioning. *Healthcare Management Science* **11**: 89-110.
10. Morton, A. and R. G. Bevan (2008). What's in a wait?: Contrasting management science and economic perspectives on waiting for emergency care. *Health Policy* **85**: 207-217.
11. Morton, A., F. Ackermann and V. Belton (2007). Problem structuring without workshops? Experiences with distributed interaction within a PSM process. *Journal of the Operational Research Society* **58**: 547-556.
12. Li, D., H.-C. Huang, A. D. Morton and E.-P. Chew (2006). Simultaneous Fleet Assignment and Cargo Routing using Benders Decomposition. *OR Spectrum* **28**: 319-335. Reprinted in K H Kim and H-O Guenther (Eds). *Container Terminals and Cargo Systems: Design, Operations Management, and Logistics Control Issues*. Springer, Berlin.
13. Morton, A. (2006). Structural Properties of Network Revenue Management models: an economic perspective. *Naval Research Logistics* **53**: 748-760.
14. Morton, A., F. Ackermann and V. Belton (2003). Technology-driven and model-driven approaches to group decision support: focus, research philosophy and key concepts. *European Journal of Information Systems* **12**: 110-126.
15. Morton, A. (1998). Ethics in Action Research. *Systems Practice* **12**.

Refereed Conference Papers

1. Lorenzo, J., C. Bana e Costa and A. Morton (2008). *Software Packages for Multi-Criteria Resource Allocation*. International Engineering Management Conference - Europe, Estoril, Portugal.
2. Pidd, M., M. M. Gunal and A. Morton (2008). *DGHPSIM: performance modelling of general hospitals*. 4th Operational Research Society Simulation Workshop, Worchestershire, UK, Operational Research Society.

Book reviews

1. A Morton. (forthcoming). Review of Decision Behaviour, Analysis and Support by Simon French, John Maule and Nadia Papamichail in *European Journal of Operational Research*.
2. Morton, A. (2007). Comparative Review of Quantitative Methods in Health Care Management: Techniques and Applications by YA Ozcan; Analytic Models for Decision Making (Open University Press Understanding Public Health Series) by C Sanderson and R Gruen; Health Operations Management: Patient Flow Logistics in Health Care by J Vissers and R Beech (eds); Reengineering Health Care: The Complexities of Organizational Transformation by T McNulty and E Ferlie. *Journal of the Operational Research Society* **58**: 1118 - 1121.

Book Chapters

1. Morton, A. (2008). Group Decision. In: B. Everitt and E. Melnick. *Encyclopedia of Quantitative Risk Analysis and Assessment*. Wiley: Chichester.
2. Morton, A. (2008). Supra Decision Maker. In: B. Everitt and E. Melnick. *Encyclopedia of Quantitative Risk Assessment*. Wiley: Chichester.

Official Reports

1. National Audit Office (2009). Management of Asylum Applications by the UK Border Agency. London, National Audit Office. (Member of study team).

Newsletter articles

1. A Morton (2009). Decision Capability at the London School of Economics. Newsletter of the European working group “Multicriteria Aid for Decisions”/ Bulletin du Groupe de Travail Europeen “Aide Multicritere a la Decision”. Autumn 2009.
2. A Morton (2009). Portfolio Decision Analysis Theory and Practice: Have we got the balance right?. Newsletter of the European working group “Multicriteria Aid for Decisions”/ Bulletin du Groupe de Travail Europeen “Aide Multicritere a la Decision”, Autumn 2009.
3. A Morton and Jeff Keisler (2009). Portfolio Decision Analysis and Organizational Planning: Who Are We and What Can We Offer ? Report of a panel discussion from INFORMS, October 2008. INFORMS Decision Analysis Society Newsletter, April 2009.
4. Morton, A. (2007). Robustness Analysis in Project Prioritisation. Newsletter of the European working group “Multicriteria Aid for Decisions”/ Bulletin du Groupe de Travail Europeen “Aide Multicritere a la Decision”. Autumn 2007.
5. Julia Bennell, Gwyn Bevan, Helyn Gould, Adam Hindle, Alec Morton, Susan Powell (2005). USTOR – A workshop in the Use of Software in Teaching OR. OR Newsletter.

Unpublished working papers

1. Morton, A. and Phillips, L.D. (2006). Constructing organisational preferences: a study of within-criterion weighting. LSE Operational Research Group working paper, LSEOR06.85.

Technical Reports

1. M Airolidi, G Bevan, A Morton, M Oliveira, J Smith (2006) “Estimating Health Gains in England from Intensive Glucose Control in Type 1 Diabetes”. Technical report for the Health Foundation under QQUIP project.
2. A Morton, M Airolidi, G Bevan, M Oliveira, J Smith (2006) “Estimating Health Gains in England from the National Suicide Prevention Strategy”. Technical report for the Health Foundation under QQUIP project.
3. M Oliveira, M Airolidi, G Bevan, A Morton, J Smith (2006) “Assessing the health gains from improving the coverage, compliance and appropriateness of prescribing statins to lower the burden of Coronary Heart Disease” Technical report for the Health Foundation under QQUIP project.
4. G Bevan, M Airolidi, A Morton, M Oliveira, J Smith (2006) “Estimating Health Gains in England from Selected Interventions”. General report for the Health Foundation under QQUIP project.

Invited talks

1. M Airolidi, A Morton, J Smith (2009). Developing skills to prioritise investments. Workshop at the Faculty of Public Health Conference, Scarborough.
2. A Morton and G Bevan (2009) “Prioritisation at the Isle of Wight”. Presentation to the Marmot Commission on the Social Determinants of Health Inequality.
3. A Morton and G Bevan (2009) “A Million Years of Waiting”. Workshop on Waiting time management, Ottawa.

4. A Morton and G Bevan (2009) "A Million Years of Waiting". Workshop on Health Policy, University of Barcelona.
5. A Morton (2008) "Airline fares and emergency care: two tales from the OR coalface". Seminar at Instituto Tecnico Superior, Technical University of Lisbon.
6. S Dietz and A Morton (2008) "Stern is from Mars, CoRWM is from Venus?". Talk at Environment Agency workshop on Valuing Intangibles, London.
7. A Morton, L D Phillips, M Airoidi (2007) "'When Values Conflict: How citizens, stakeholders and experts contributed to formulating policy for managing the UK's radioactive waste'". Seminar at Instituto Technico Superior, Technical University of Lisbon.
8. M Airoidi, G Bevan, A Morton (2007) Measuring the 'avoidable' burden of disease. Economics and Operational Research Division, Department of Health, London.
9. A Morton (2007) "The Social life of decision analysis: two neglected topics". Seminar at Decision Institute, Berlin.
10. A Morton, V Belton and M Airoidi (2006) "Learning from Group Decision Support", invited keynote at Towards Electronic Democracy, Manchester Business School, Manchester
11. A Morton (2004) "Airline revenue management: a guided tour". University of Southampton Mathematics Department seminar.