

## Curriculum Vitae - Professor Catherine Waddams

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### Current Posts

Professor in Norwich Business School <http://www.uea.ac.uk/norwich-business-school>  
and researcher in [ESRC Centre for Competition Policy](#), University of East Anglia

Non Executive Director of The Water Services Regulation Authority (Ofwat)  
<http://www.ofwat.gov.uk/>

Joint Academic Director of the Centre on Regulation in Europe (CERRE) [www.cerre.eu](http://www.cerre.eu)

### Degrees (University of Nottingham)

1969 - BSc Joint Honours in Mathematics and Economics, second class, division one  
1973 - PhD awarded for thesis on Marginal Cost Pricing in the Gas Industry

### Visiting Fellowships

1993 Clare Hall & Department of Applied Economics, University of Cambridge  
1995-2001 Public Sector Economics Research Centre, University of Leicester  
Jan-June 1999 [Centre for Industrial Economics](#), University of Copenhagen  
Jan-Apr 2003 [University of California Energy Institute](#), Berkeley

### Previous Full-Time Employment

1969-1972: Research Assistant to Dr J E Mitchell, University of Nottingham  
1972-1974: Lecturer in Economics, Lanchester and Leicester Polytechnics  
1979-1995: Lecturer and Senior Lecturer in Economics, University of Leicester (incl.  
1989-1994: Dean of Social Sciences)  
1995-2000: Professor and Founding Director of Centre for Management under  
Regulation, University of Warwick  
2000-2011: Founding Director, Centre for Competition and Regulation and Centre for  
Competition Policy; Professor in Norwich Business School, University of East  
Anglia  
and 2001 -2009 Part-time member of Reporting Panel of UK Competition Commission

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Books, monographs and reports	6
Contributions to books	7
Non-refereed articles	9
Other discussion and conference papers	10

## Professional Recognition and Duties

Member of Programme Committee for European Association for Research in Industrial Economics annual meeting, Turin, September 1999, and Valencia, 2007

Entry in Who's Who in Management Science? Edward Elgar, 2000

Member of Policy Advisory Committee of the Centre for Analysis of Regulation and Risk, London School of Economics, 2000 - 2005

Member of Editorial Boards of [Annals of Public and Co-operative Economics](#) (2001-), [Energy Policy](#) (2000-), and [The Energy Journal](#) (2002-)

Member of Review panel for Leverhulme Trust funded Centre, 2001

Member of review panel for SUPERGEN projects, Engineering and Physical Sciences Research Council, 2002-2003; & SUPERGEN High Level Review Group 2004-5

Member of the Scientific Advisory Committee of the [UK Research Councils' Energy Programme](#) from 2005 to 2011

Chair of the Management and Business Studies Subject Area Panel for the ESRC's 2005 major postgraduate training recognition exercise; member of post graduate training Panel, 2000 and training recognition exercise, 2001 and 2003

Member of Advisory Committee of the Second International Conference on Business, Management and Economics organized by Yasar University in Cesme, Turkey June 2006

Member of Scientific Committee of [IEFE](#) (Centre for Research on Energy and Environmental Economics and Policy) at the University Bocconi, Milan, president from 2013

Member of Advisory Board of [EPRG](#) (Electricity Policy Research Group) at the University of Cambridge 2005 to 2013

Member of Council of Royal Economic Society 2008 to 2014

Member of Expert Consumer Panel of the Office of the Rail Regulator, from 2013

Expert Advisor to the UK Regulators Network, 2014 -

## Consultancy

Recent consultancy advice provided to the European Commission, Ofgem (UK regulator), Ofwat (UK water regulator), Ofcom (the UK communications regulator), The World Bank, The Northern Ireland Utility Regulator, the UK Department of Energy and Climate Change, the UK Office of the Rail Regulator.

## Publications

### Refereed Articles

Public Utility Pricing in Britain, European Journal of Marketing, 13(4), pp 247-259, 1979

Fairer Charges? Electricity, (with Michael Gibson) Public Money, pp 6-7, March 1983

Energy Pricing and Gas Supply, Public Money, p 13, June 1983

Gas Supply, Public Money, pp 6-7, (with Michael Gibson), December 1983

Competition in UK Gas Distribution, Energy Policy, 13(2), pp 37-50, February 1985

Standing Charge Rebates, (with Michael Gibson) Energy Policy, 14(3), pp 262-271, June 1986

Gas Industry Privatisation - Is the Regulatory Framework Adequate? Public Money (also published in CIPFA Energy Yearbook pp 48-55), June 1986

Economic Regulation of Private Water (with Paul Herrington) in Public Finance and Accountancy, pp 13-17, June 1987

Economic Regulation of Private Monopolies through Price Constraints (with Ian Bradley) in Journal of Industrial Economics, pp 99-106, September 1988

Average Revenue Regulation and Regional Price Structure, (with Ian Bradley) in Regional Science and Urban Economics, 21(1), pp 89-108, 1991

Regulation of the UK Gas Industry - Incentives and Responses Since Privatisation in Annals of Public and Co-operative Economics, 63(2), pp 189-206, 1992

Gas transportation: a comment in Utilities Policy, 2(4), pp 330-332, October 1992

Le industrie energetiche inglesi tra privatizzazione e ristrutturazione (with Richard Green) in Energia, XV(1), pp 26-35, March 1994

Transportation charges in the gas industry, Utilities Policy, 4(3), pp 191-197, 1994

Liberalisation and divestiture in the UK energy sector (with Richard Green) in Fiscal Studies, 16(1), pp 75-89, February 1995

Privatizing British Gas in Forum for Applied Research and Public Policy, 10(2), pp 77-80, 1995

Competition in the British Domestic Gas Market: efficiency and equity (with Ruth Hancock) in Fiscal Studies, 3(16), pp 81-105, August 1995

Structure, regulation and interconnection: a comparative study of the UK Energy market, in Pacific and Asian Journal of Energy, 5(2), pp 249-260, December 1995

Interconnection pricing: telecommunications and energy compared, in Rivista internazionale di Scienze sociali CIII, 1, 1995

Malmquist Indices of productivity change in the gas industry (with Tom Weyman-Jones), in Applied Economics, 28(1), pp 29-39, January 1996

Efficiency and ownership in electricity distribution: a non-parametric model of the Turkish experience (with Necmiddin Bagdadioglu and Tom Weyman-Jones); Energy Economics, 18(1-2), pp 1-23, April 1996

Competition and Regulation in the UK Gas Industry in Oxford Review of Economic Policy, 13(1), pp 47-63, March 1997

Undue Discrimination and Cross-Subsidies: Price Structures in UK Utilities, Utilities Law Review, 8(5), pp 191-200, September 1997

Distributional Effects of Liberalising UK Residential Utility Markets (with Ruth Hancock), Fiscal Studies, 19(3), pp 295-320, 1998

Regulation and access pricing: comparison of regulated regimes (with Gianni de Fraja), Scottish Journal of Political Economy, 46,(1), pp 1-16, February 1999

New Gas in Old Pipes: Opening UK Residential Gas Markets to Competition (with Matthew Bennett), Utilities Policy, 8(1), pp 1-15, March 1999

UK utilities: past reform and current proposals (with Eleni Markou), Annals of Public and Co-operative Economics, 70(3), pp 371-416, September 1999

Incentive Contracts in Utility Regulation (with Matthew Bennett), Revue d'Economie Industrielle special edition on The Economics of Contracts, 92(2/3), pp 361-384, 2000

Efficiency and Productivity Studies in Incentive Regulation of UK Utilities, Revista del Rosario (Colombia), 3(2), pp 11-24, November 2000

Incumbent and Entrant Response to Regulated Competition: Signalling with Accounting Costs and Market Prices (with Jesus Otero), Journal of Business and Economics, 53(2-3), pp 209-223, 2001

Price Discrimination in a Regulated Market with Entry: the residential UK electricity market (with Jesus Otero), Bulletin of Economic Research, 53(3), pp 161-175, July 2001

New Accountabilities in Utilities: fifty years of legal accountability in the gas industry (with Lynne Conrad), Energy Policy, 29, pp 1357-1361, 2001

Generating Efficiency: Economic and Environmental Regulation of Public and Private Electricity Generators in Spain (with Pablo Arocena), International Journal of Industrial Organization, 20(1), pp 41-69, January 2002

Left Out in the Cold? The Impact of new energy tariffs on the fuel poor and low income households (with Matthew Bennett and Dudley Cooke), Fiscal Studies, 23(2), pp 167-194, June 2002

Charges, Costs and Market Power in the Deregulated UK electricity Retail Market (with Evens Salies), The Energy Journal, 25(3), pp 19-35, 2004

Incentive Regulation and Efficient Pricing Structures (with Monica Giulietti), Annals of Public and Co-operative Economics, 76(1), pp 1121-138, 2005

The Effect of Liberalising UK Retail Energy Markets in Oxford Review of Economic Policy, 21(1), pp 128-144, 2005

Consumer Choice and Industrial Policy: a study of UK Energy Markets (with Monica Giulietti and Mike Waterson), The Economic Journal, 115(506), pp 949–968, October 2005

Introducing competition and deregulating the British domestic energy markets: a legal and economic discussion (with Michael Harker), Journal of Business Law, pp 244-268, May 2007

Measuring Potential Gains from Mergers among Electricity Distribution Companies in Turkey using a Non-Parametric Model (with Necmiddin Bagdadioglu and Thomas Weyman-Jones), The Energy Journal, 28(2), pp 83-110, 2007

Does Ownership Unbundling Matter? Evidence from UK Energy Markets (with Steve Davies), Intereconomics, 42(6), 297-301, November/December 2007

Service Quality in Regulated Monopolies (with Bitten Brigham and Lin Fitzgerald), Annals of Public and Cooperative Economics, 79(2), pp 197-225, 2008

The Future of Retail Energy Markets, The Energy Journal, special edition in honour of David Newbery, 125-147, 2008

The Impact of Electricity Market Reform on Consumers (with Khac Pham), Utilities Policy, special edition on reform in South East Europe, 17, 1, 43-48, 2009

Competition Remedies in Consumer Markets (with Luke Garrod, Morten Hviid and Graham Loomes), Loyola Consumer Law Review, 21, 4, 439-495, 2009

The Distribution of Individual Personal Tax Compliance Costs in the U.K. (with Laurence Mathieu and Francis Antwi), Applied Economics, 42, 3, 351-368, 2010

Do Consumers Switch to the Best Supplier? (with Chris M. Wilson), Oxford Economic Papers, 62: 647-668, 2010

Innovation and regulation in energy supply (with Elizabeth Hooper), Economic Affairs, 2, June, 13-20, 2010

Objective and Subjective Measures of Fuel Poverty (with Karl Brazier and Wenjia Wang), Energy Policy, 49, 33-39, 2012

Non-discrimination clauses in the retail energy Sector (with Morten Hviid), in The Economic Journal, 122, F236-252, 2012

Nonlinear Pricing and Tariff Differentiation: Evidence from the British Electricity Market (with Stephen Davies and Chris M. Wilson) The Energy Journal, 35, 1, 57-77, 2014

Well-functioning markets in retail energy (with Morten Hviid), European Competition Journal, 10, 1, 167-179, 2014.

Non-discrimination clauses: their effect on GB Retail Energy Prices 2005-2013 (with Minyan Zhu), forthcoming The Energy Journal, 2015

## Active working papers

Consumer behaviour in the British retail electricity market (with Miguel Flores), CCP research paper 13-10; under revision

Searching and Switching: Empirical estimates of consumer behaviour in regulated markets (with Catherine Webster and Minyan Zhu) December 2013

Measuring Consumer Inertia in Energy (with David Deller, Monica Giulietti, Joo Young Jeon, Graham Loomes and Ana Moniche) presented at Energy Industry at a Crossroads: Toulouse, 4-6 June 2014

## Books, Monographs and Reports

*Welfare Economics in Theory and Practice*, Macmillan, 175 pages, 1977

*Britain and Tanzania: The Search for Real Aid*, published by the Independent Group on British Aid, 54 pages, 1986

*What Price Private Water?* (with Paul Herrington), published by Public Finance Foundation, 64 pages, 1987

*Privatisation and Regulation* (edited with Peter Jackson) Longman 261 pages, 1994 including authorship of 3 chapters: Economic regulation of privatised industries, pp 77 - 98; Privatisation in less developed countries, pp 237 - 254; and Privatisation and regulation: a review of the issues (with Peter Jackson), pp 1 - 34

*Social Equity and the Provision of Electricity*, a report for the Institute for Public Policy Research, November 1996

*Effects of UK Utility Reform: source and distribution* (with Eleni Markou), published by the Institute for Public Policy Research and the Public Utilities Reform Group, September 1997

*Fuel Poverty in Britain, Expenditure on Fuels 1993-94 to 1995-96* (with Andreas Biermann) published by the Gas Consumers Council, November 1998

*Affording Gas and Electricity: Self disconnection and rationing by prepayment and low income credit consumers and Company attitudes to social action* (with Dudley Cooke, Alessandra Ferrari, Monica Giulietti and Diane Sharratt), Electricity Association, March 2001

*Utility Privatisation and Regulation: A Fair Deal for Consumers?* (co-editor with Cecilia Ugaz) and author of two chapters: *UK Utility Reform, Distributional Implications and Government Reform* (with Alison Young); and *Access by the Poor in Latin America's Utility Reform: Subsidies and Service Obligations* (with O. Chisari and A. Estache), Edward Elgar, 2003

[Assessing the Effectiveness of Potential Remedies in Consumer Markets](#), a report for the Office of Fair Trading (with Luke Garrod, Morten Hviid and Graham Loomes), 2008

[Benchmarking the Performance of the UK framework supporting consumer empowerment through comparison against relevant international comparator countries](#), a report for the Department of Business, Enterprise and Regulatory Reform (with Michael Harker, Pinar Akman, Liza Lovdahl Gormsen and Judith Mehta), 2008

Consumer Choice in the Water Sector (with Kerry Clayton), published by Ofwat as part of their Future Regulation project,  
[http://www.ofwat.gov.uk/publications/commissioned/rpt\\_com\\_1010fplchoice.pdf](http://www.ofwat.gov.uk/publications/commissioned/rpt_com_1010fplchoice.pdf) (2010)

Benefits and costs of introducing tariff choice in uncontested markets – A Report for Ofwat (with Kerry Clayton and Catherine Webster), published by Ofwat October 2011,  
[http://www.ofwat.gov.uk/future/monopolies/fpl/rpt\\_com20111012ccp\\_tariff.pdf](http://www.ofwat.gov.uk/future/monopolies/fpl/rpt_com20111012ccp_tariff.pdf)

Public Service Obligations and Competition (with Michael Harker and Antje Kreutzmann) Centre on Regulation in Europe, 2013  
<http://www.cerre.eu/publications/public-service-obligations-and-competition#sthash.7hKrTQsr.dpuf>

Who Switched at The Big Switch and Why? (with David Deller, Monica Giulletti, Joo Young Jeon, Graham Loomes and Ana Moniche), forthcoming September 2014

Criteria to define essential telecoms services - Literature review (with Richard Cadman, Michael Harker and Antje Kreutzmann-Gallasch), a report for Ofcom.  
[http://stakeholders.ofcom.org.uk/binaries/research/affordability/Ofcom\\_Lit\\_Review.pdf](http://stakeholders.ofcom.org.uk/binaries/research/affordability/Ofcom_Lit_Review.pdf)

### **Contributions to Books**

*Let Justice Flow - A Contribution to the Debate about Development*, Church House Publishing, pp 24 - 26, January 1986

Regional Price Discrimination in the Gas Industry, in George Norman (ed): *Spatial Pricing and Differentiated Markets*, pp 165 - 185, Pion Press: London Papers in Regional Science: volume 16, 1986

Privatising the Electricity Industry - Lessons from Gas (with Michael Gibson) in Saul Estrin and Christine Whitehead (ed): *Privatisation and the Nationalised Industries*, pp 33 - 50, London School of Economics and Political Science, 1988

Privatisation and Regulation: British Gas (with Michael Gibson) in Christine Whitehead (ed): *Reshaping the Nationalised Industries*, pp 158 - 178, Policy Journals, 1988

Gas Privatisation: Implications for Pricing Policy and Demand in D Helm, J Kay and D Thompson (ed): *The Market for Energy*, pp 263 - 278, Clarendon Press, 1989

Partial and Mixed Regulation of Newly Privatised UK Monopolies (with Ian Bradley) in W Weigel (ed): *Economic Analysis of Law - A Collection of Applications*, pp 212 - 221, Schriftenreihe der Bundeswirtschaftskammer, Wien, 1991

Gas - a review of 1992 in T. Gilland and P. Vass (eds) *Regulatory Review 1993* Centre for the Study of Regulated Industries , pp 33 - 44, 1993

Gas regulation and competition: substitutes or complements? in M Bishop, J Kay, C Mayer and D Thompson (eds): *Privatisation and economic performance* Oxford University Press pp 137 - 161, 1994

Industry structure and access charges in T. Gilland and P. Vass (ed) *CRI Regulatory Review 1994*, Centre for the Study of Regulated Industries , pp 135 - 150, 1994

Lessons from privatisation - the regulated industries in P. Jackson and M. Lavender (eds) *The Public Services yearbook 1995*, CIPFA, 1995

The Perfectly Competitive Market, in Mackintosh et al (eds) *Economics and Changing Economies*, published as Open University course unit and text by Chapman Hall, 1996, pp 215 - 250

Interaction of regulation and competition in the developing UK gas market, G. MacKerron and P. Pearson (eds) *The UK energy experience: a model or a warning?*, Imperial College Press, March 1996

The future of regulation in P. Jackson and M. Lavender (eds) *The Public Services yearbook 1996-97*, CIPFA, 1996, pp 169 - 176

Winners and losers from liberalisation of the domestic energy market and Theory and Background in D. Corry, C. Hewett and S. Tindale (eds), *Energy '98, IPPR*, 1996, pp 1 - 22, 57 - 84

Corporate Governance and Management under Regulation in *Regulatory Review 1996*, Centre for Regulated Industries, pp 163 - 180, October

UK privatisation - effects on households (with Ruth Hancock) in Arestis, Palma and Sawyer (eds) *Markets, Unemployment and Economic Policy: Essays in honour of Geoff Harcourt*, 1997

Regulated Industries: Agenda for an Incoming Government in P. Jackson and M. Lavender (eds) *The Public Services yearbook 1997-98*, CIPFA, 1997, pp 143 - 150

The UK Gas Industry in D. Helm and T. Jenkinson (eds) *Competition in Regulated Industries*, Oxford University Press, 1998, pp 108 - 131

Competition Policy and Utility Regulation: A Conceptual Framework and its application to Tanzania's Water and Energy Sectors in Mwandosya, M.J., Mbowe, G.F. and Young, P. "Competition Policy and Utility Regulation", 1997

Price Structures in the UK Utilities: Response to deregulation in Glenn Morgan (ed) *Regulation and Organizations*, Routledge, 1999, pp 230 - 247

Better Energy Services, in *Energy Services for the World's Poor*, Energy Sector Management Assistance Programme Energy and Development Report 2000, World Bank, April 2000 pp 26 - 33

Gas: Regulating for Social Needs, in C Robinson (ed): *Regulating Utilities: New Issues, New Solutions*, Edward Elgar, 2001, pp 166 - 186

Gas (with Lin Fitzgerald) chapter in P. Vass (ed): *Regulatory Review*, Centre for the Study of Regulated Industries, 2001, pp 63 - 74

Incentive Contracts in Utility Regulation (with Matthew Bennett), in Brousseau and Glachant (eds) *The Economics of Contract*, Cambridge University Press, 2002, pp 416 - 439



The Impact of Privatisation on British Consumers, presented at First Milan European Economy Workshop: "The Welfare Impact of British Privatisations, 1979-1997", Università degli Studi di Milano, June 2002

Yardstick Competition and Comparative Performance Measures in Practice, chapter in L. Hunt (ed.), "Energy in a Competitive Market: Essays in Honour of Colin Robinson", Edward Elgar, May 2003

Consumers and Anti-Trust in British Deregulated Energy Markets (with Michael Harker) in Bergmann and Nilsson (eds) "The Pros and Cons of Antitrust in Deregulated Markets", 2004, Swedish Competition Authority, pp 29 - 50

Regulation and Consumer Representation (with Michael Harker and Laurence Mathieu), in D. Parker (ed), International Handbook on Economic Regulation, Edward Elgar, Chapter 10, 2005

Effect of Liberalising UK Retail Energy Markets on Consumers, in Helm, D (ed.), The New Energy Paradigm, OUP, Part III, Chapter 12, pp 348-371, April 2007

Governance and Regulation of Infrastructure Institutions: Literature Survey, in Lee, R (ed.) The Governance of Financial Market Infrastructure, Oxford Finance Group, Part 2 chapter 13, pp 428-446, 2010

Equity, Fuel Poverty and Demand (maintaining affordability with sustainability and security of supply). in: Jamasb, T and Pollitt, M. (eds) "The Future of Electricity Demand: Customers, Citizens and Loads" pp 298-317, Cambridge University Press. September, 2011

Shedding Light on Consumer Behaviour in Energy Markets in Mehta, J (ed.) "Behavioural Economics in Competition and Consumer Policy" pp 71-79, Centre for Competition Policy, 2013. <http://competitionpolicy.ac.uk/ccpbook>

### **Non-Refereed Articles**

It's good to be in control, Parliamentary Brief, 2(10), pp 99-100, August 1994

Why gas will now cost more for the poor than for the rich (with R.Hancock) Parliamentary Brief, 1994

Questions of equity and efficiency: Energy privatisation and competition, Public Policy Review, January 1995

Gas is now all about competition, Parliamentary Brief, 3(6), pp 66-67, April 1995

Why two heads are better than one, Parliamentary Brief, 3(9), pp 16-18, Summer 1995

Utility Mergers - Implications for Consumers and Regulators, Public Finance Foundation, November 1995

Efficiency and Equity: the effect of supply liberalisation in the domestic gas market, Energy Utilities, pp 25-27, February 1996

Comment on British Gas TransCo consultative document in Energy Policy, 24(5), pp 373-375, May 1996

An Independent view of the TransCo price review, Gas Business June 1996

The Virtuous Way to Tax the Fat Cats Parliamentary Brief vol 4,7 July 1996 pp 44-46

Regulating for Fairness, New Economy, June 1997

Taking the utilities to market, New Statesman 24.7.98, pp IV-V, August 1998

Subsidy and Reform of Infrastructure Industries, paper for World Bank/Department for International Development conference, June 2000

Power to the people, Utility Week, pp 22-23, 6<sup>th</sup> April 2001

Examining Fuel Poverty, Metering International, June 2001

Boon or Bane? Energy Action, issue 84, August 2001

Prepayment Meters: The Consumer Perspective, Energy Action, issue 86, arch 2002

A Fair Deal for Consumers? The Impact of Latin America's Infrastructure Reforms (with Cecilia Ugaz), WIDER Angle, World Institute for Development Economics Research no 1/2002, pp 11-12

Is it too soon to deregulate energy markets?, Energyforum Global Report 2002, pp 78-83

Do Competitive Energy Markets Make Rising Energy Prices Worse for Poor Consumers?", *Center for the Study of Energy Markets Research Review*, pp 4-5, Spring 2005

[Competition Policy and the UK Energy Markets](#) (with Stephen Davies and Cheryl Whittaker), Which? Consumer Policy Review, 17(1), pp 12-18, February 2007

Customer Involvement: Frontier or Smokescreen?, *The Network Industries Quarterly*, vol 16, no 1, 2014

### **Discussion and Conference Papers not Published Elsewhere**

Gas Price Increases, Leicester University Public Sector Economics Research Centre Discussion Paper, April 1980

Distribution Costs in the UK Gas Industry, University of Leicester Economics Department Discussion Paper no. 31, Leicester University, 42 pages, January 1984

Lessons from Gas Privatisation, in Littlechild, SC et al: Energy Privatisation, University of Surrey Discussion Paper, pp 8 - 15, June 1988

Privatisation in Malaysia, University of Leicester Economics Discussion Paper no. 94, 28 pages, December 1988

An Industrial Gas Tariff - The Implications of the Monopolies and Mergers Commission Report, University of Leicester Economics Discussion Paper, no. 97, 27 pages, January 1989

'The Capital Stock of Cyprus' to the Planning Bureau and Government Officials, Nicosia, September 1990 (published as Leicester University Report, with Mark Maynard)

'Privatisation and Regulation in the UK Gas Industry' (published as University of Leicester Economics Discussion Paper no 165)

Competitive structure and access pricing in U.K. regulated energy industries proceedings, Regulation of the Energy Industries seminar, Oxford, April 1994

*The competitive market for residential gas consumers*, with Ruth Hancock, Centre for Management under Regulation Research Paper 97/1, March 1997

*Utility Regulation: Fairness for all? Responses to the Government's Green Paper* (with Michael Doble and Eleni Markou), Centre for Management under Regulation Research Paper 98/2, May 1998

*Quality and Quantity of Regulatory Information* (with Begoña Garcia-Mariñoso and Morten Hviid) presented at the European Association for Research in Industrial Economics, Madrid, August 2002, Centre for Competition and Regulation working paper 02-5

*Spoilt for Choice? The Costs and Benefits of Opening UK Residential Markets*, University of California Energy Institute Working Paper 123, February 2004

Considering the problematic of measurement: The Evolution of Performance Measures in the Privatised Water Industry of England and Wales (with Bitten Brigham and Lin Fitzgerald)

Organisational response to Regulatory Imperatives: case study of a network industry (with Lin Fitzgerald and Bitten Brigham)