

Department of Land Economy

Annual Report 2008

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Foreword from the Head of Department, Professor Ian Hodge

Research Assessment Exercise

The year ended with an outstanding result for the Department of Land Economy in the UK Research Assessment Exercise (RAE). A significant amount of time was devoted in 2007 to the assembly and refinement of a submission from the Department for the RAE. Four outputs were submitted to the Town and Country Planning Unit of Assessment for just over 19 members of staff, alongside information on research grant income, PhD students and studentships and commentary on research environment, strategy and staff esteem. The assessment panels worked on this through 2008 and the result announced in December placed Land Economy at the top of the table in terms of the quality of the research work submitted by 25 universities to the Town and Country Planning sub-panel. Thirty per cent of the work submitted by the Department was judged to represent quality that is world leading in terms of originality, significance and rigour. All of the work submitted was recognised internationally; no other university in the Town and Country Planning sub-panel achieved this distinction.

This is an outstanding result; the best ever achieved by the Department and it stands out well within the University of Cambridge where the score for Land Economy was above the University average and was ranked first equal within the School of Humanities and Social Sciences. This result reflects the hard work and commitment that has been shown across the whole Department. The full results are available at: www.rae.ac.uk

Professor of Land Economy

We were delighted to welcome Professor Philip Allmendinger to the Department in July as Professor of Land Economy. Phil came to us from the University of Reading where he was the Professor of Planning and Director of the Centre of Planning Studies in the Department of Real Estate and Planning. Prior to his appointment at Reading he held a variety of posts, including that of Head of the Department of Land Economy at the University of Aberdeen. He has published extensively in the areas of property and planning, planning theory, policy and practice, land and property regulation, housing and local government. His research thus spans across several of the Department's interests, especially in planning, property and housing. Phil is a chartered planner and surveyor. He initially trained as a spatial planner and has also worked in local government. He is already making a major contribution to the Department, especially in support of our bid for accreditation from the Royal Town Planning Institute and with our relationships with external support groups.

Real Estate Finance

There have been a number of changes in Real Estate within the Department of Land Economy this year. Professor John Glascock and Dr Shaun Bond left at the end of the summer to take up appointments at the University of Cincinnati. They have both played important roles in the development of Real Estate Finance within the Department. John Glascock made an outstanding impact in the development of the Real Estate Finance MPhil programme which has expanded greatly and is developing a global reputation. We wish both them and the University of Cincinnati well.

We have made new appointments. Dr Jamie Alcock has now joined us from the University of Queensland as University Lecturer. Jamie has a particular interest in mathematical finance and its application to real estate and spent time with us last academic year. We were also very pleased to welcome Dr Abraham Park back to the Department for the Michaelmas term. Abraham currently holds an appointment at Pepperdine University in California where he teaches Real Estate Investments and Finance.

Following John Glascock's resignation the University is in the process of appointing a replacement to the Grosvenor Professorship. Electors have been appointed and have had an initial meeting. We hope to have a new appointment in post later in the year.

Barry Moore

Barry Moore retired as Reader in the Department at the end of September. He has been in the Department since 1985 when he moved here from the Department of Applied Economics. He has taught in the areas of regional and urban economics, macroeconomics and research methods. His research has covered a variety of issues, such as regional policy, small firms and innovation, technology transfer, enterprise zones, and banking in the single market. He has made a particular contribution on the evaluation of government policy. Barry retains a formal link as Emeritus Reader and continues a close involvement with the University.

Research Grant from the Three Guineas Trust

I am delighted to report that the Three Guineas Trust, one of the Sainsbury's Family Trusts, has awarded a major research grant to 4CMR (the Cambridge Centre for Climate Change Mitigation Research) located within the Department of Land Economy under the Direction of Dr Terry Barker, of around £2.5 million over three years, in order for them to develop a global Energy-Environment-Economy model of accelerated decarbonisation. This is clearly a major development for the Department's research on environmental policy issues. This commenced in October and a series of new appointments is being made to take the work forward.

There is insufficient space within the Department to accommodate this expanded activity and we are now in the process of seeking to find suitable accommodation within which the research can be undertaken. We are looking at office space on Hills Road which is vacant, potentially co-locating with Cambridge Econometrics. We hope to be able to announce progress on this very soon.

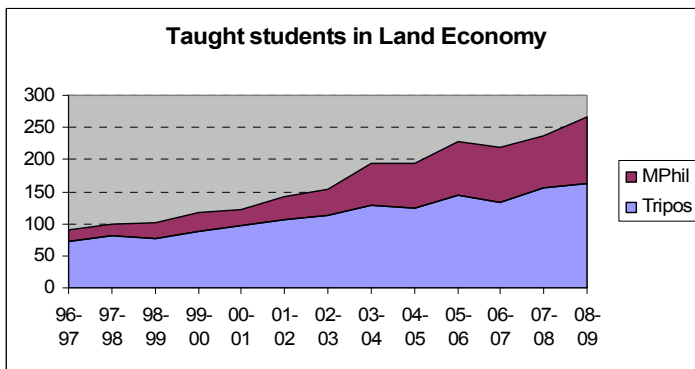
Student numbers

The year has again seen further growth in student numbers at both undergraduate and postgraduate levels. The current numbers are shown in the table and the growth is illustrated in the graph.

Student numbers in Land Economy 2008-09

Tripes	Part IA	62
	Part IB	60
	Part II	41
MPhil	Real Estate Finance	68
	Environmental Policy	20
	Planning, Growth and Regeneration	18
	Land Economy Research	2
	Land Economy <i>by thesis</i>	4
PhD		67
MSc		1

This represents some 269 students on taught degrees; we had fewer than 100 in 1998. This represents an increase of nearly 75% since 2002-03 when Professor Malcolm Grant left.



These numbers place considerable demands on colleagues in the Department and we rely too on excellent contributions from affiliated lecturers and others from outside the Department. We are very grateful for the outstanding contributions that they all make.

As ever, this Annual Report covers only part of the activities of staff in the Department of Land Economy. More information is available at: www.landecon.cam.ac.uk

Ian Hodge
Cambridge, February 2009

Environmental Economy and Policy research group

About the Group

The Environmental Economy and Policy research group (EEP) consists of applied economists, lawyers and policy experts. Our members are lecturers, research associates, research assistants and PhD students working on a broad range of environmental and agricultural policy issues. Our overarching objective is to undertake economic and legal research that addresses real problems and directly feeds into policy. This is translated into active participation in international and national research projects and publications in scholarly journals and policy documents. In addition, our staff are involved in teaching at the undergraduate and postgraduate level.

Within EEP, the Rural Business Unit (RBU) carries out a program of research in applied and institutional economic analysis of agriculture, the rural environment and rural development. Its work is funded primarily by government departments such as the Department for Environment, Food and Rural Affairs (DEFRA) and the Environment Agency. In addition the Cambridge Centre for Climate Change Mitigation Research (4CMR) carries out research to foresee strategies, policies and processes to mitigate human-induced climate change which are effective, efficient and equitable, including understanding and modelling transitions to low-carbon energy-environment-economy systems.

Members of EEP are also involved in the work of the Cambridge Conservation Initiative (www.conservation.cam.ac.uk).

Research

The group has a track record in innovative academic research in many aspects of public policy. Our research focuses on:

- Advancing our understanding of the socio-economic and institutional causes of environmental and agricultural problems.
- Assessing alternative economic and legal solutions to these problems.
- Providing recommendations for implementation of policies.

Our research work is interdisciplinary by bringing expertise from economics, law, environmental science, ecology, agriculture and geography in order to provide policy input to a broad range of stakeholders, industry sectors as well as governmental and international organisations.

Currently, the research group has research projects in the following areas:

- forestry, wildlife, plant and genetic resource management and regulation;
- economics of farming in the East of England;
- analysis of the changes in EU policies on UK agriculture;
- markets for ecosystem services;
- land use, agriculture and environmental management;
- water and wetlands management and regulation;
- solid waste management;
- economic and legal research on climate change;
- urban atmospheric pollution; and
- consulting on agri-environmental policies.

Externally funded research projects

Payment for Agrobiodiversity Conservation Services Project

The project assesses the ability of 'payment for agrobiodiversity conservation services' (PACS) schemes to permit the 'capture' of public conservation values at the farmer level, thereby creating incentives for the conservation of agrobiodiversity and supporting poverty alleviation.

Duration: 2009-2011

Objective: Assess the potential for payment for agrobiodiversity conservation services (PACS) schemes to create incentives for the conservation of agrobiodiversity and improve indigenous farmer livelihoods.

Sponsor: Bioversity International

Collaborators: Department of Agriculture and Resource Economics, University of California at Berkeley, USA; Centre for Natural Resources and Environmental Research (Centro de Investigación de Recursos Naturales y Medio Ambiente), Peru; M S Swaminathan Research Foundation, India; Bioversity International.

Contact: Unai Pascual

Agrobiodiversity, Livelihood Diversification and Food Security in Drought-Prone Environments

Poor farm households in developing countries often face variable agricultural incomes with regard to climatic risks, like rainfall shocks. In areas where credit and insurance markets are missing the diversification of income portfolios is often the only means to ensure consumption smoothing.

Livelihood diversification strategies consist in using different varieties of the same main crop, cultivating different crops, holding livestock and being engaged in non-farm activities. This project aims at disentangling the links between such diversification decisions by vulnerable poor households facing high levels of risk to draughts in Ethiopia.

Duration: Oct 2007 - Nov 2008

Objective: Research focuses on the complex links between agrobiodiversity conservation, livelihood diversification and food security in Eastern Ethiopia

Funded by: United Nations Food and Agriculture Organisation (UNFAO)

Contact: Unai Pascual

Centre for Law & Economics for Environment and Development (C-LEED)

The Centre for Law & Economics for Environment and Development (C-LEED) is a network of academic institutions focused on the analysis of institutional reforms in developing countries. The group has undertaken work on issues related to land use reforms (China), water policy evaluation (Namibia), conservation policy effectiveness (Kenya), agricultural diversity (Hungary) and many other resource-related problems. It combines the disciplines of law and economics in undertaking programme evaluations and policy analysis.

Duration: Ongoing

Objective: Research network focusing on the analysis of institutional reforms in developing countries.

Collaborators: Department of Economics and School of Law - University College London.

Department of Economics - School of Oriental and African Studies.

Department of Land Economy - University of Cambridge.

Development Studies Institute - London School of Economics.

Contact: Andreas Kontoleon

Web-site: www.landecon.cam.ac.uk/research/eeprg/cleed.htm

An integrated analysis of scale effects in alternative agricultural systems

Changing land cultivation from conventional to organic practices can have significant impacts on environmental factors such as wildlife, soil and water quality, as well as change the ways in which food is supplied, the economics of farm businesses and indeed the attitudes of farmers themselves. A factor that is little understood is how these depend on the scale and concentration of alternative farming systems across the landscape, from local up to the national scale. This project addresses two key questions: (1) what causes organic farms to be arranged in clusters at local, regional and national scales, rather than be spread more evenly throughout the landscape? And (2) assess how the ecological, hydrological, socio-economic and cultural impacts of organic farming may vary due to neighbourhood effects at a variety of scales. The project will undertake an intensive study of existing clustered and isolated organic farms, and their surrounding neighbourhoods, to address these questions. It will culminate in mapping out some alternative scenarios for future growth of the organic sector in the UK, and evaluate the potential positive and negative effects that different patterns of organic cultivation might have, at a variety of scales, in the future.

Duration: 2006 - 2009

Objective: Assess how the ecological, hydrological, socio-economic and cultural impacts of organic farming may vary due to the neighbourhood effects created by the presence of high and low concentrations of organic farms, at a variety of scales.

Collaborators: University of Sussex (co-ordination), University of Leeds, University of Manchester, The Macaulay Institute, Institute of Organic Research, Cranfield University.

Funded by: RELU programme (ESRC, BBSRC and NERC)

Contact: Unai Pascual

Website: www.sussex.ac.uk/spru/1-4-7-7.html

Biodiversity Economics for Conservation (BIOECON)

BIOECON is the largest group of academic economists in Europe working on the economics of biodiversity management. The network undertakes collaborative research on how economic instruments (property rights, contracts and trade mechanisms) can promote conservation of all forms of biodiversity (plant genetic resources, forest ecosystems, terrestrial and aquatic species, and invasive species). The group's activities include large-scale collaborative research projects, annual conferences, and publication of policy volumes.

Duration: 2000 – ongoing

Objective: Network co-ordinated by our research group undertaking applied research on biodiversity.

Collaborators: The Network consists of more than 40 economists and lawyers working in 12 different European academic institutions. Further, the network also includes experts from policy organisations including IUCN, IPGRI, and FEEM.

Funded by: EU Commission, DIVERSITAS, DEFRA, OECD

Contact: Andreas Kontoleon

Web-site: www.bioecon.ucl.ac.uk

Members

Dr Jonathan Aldred

Newton Trust Lecturer & Fellow, Emmanuel College

Dr Michael Carroll

Affiliated Lecturer

Professor Erwin Bulte

Senior Visiting Fellow

Dr Shailaja Fennell

University Lecturer (Development Studies)

Professor Ian Hodge

Head of Department & Professor of Rural Economy

Dr Danilo Iglori

Affiliated Lecturer

Dr Andreas Kontoleon

Director, MPhil in Environmental Policy & University Lecturer

Dr Catherine MacKenzie

University Lecturer

Dr Derek Nicholls

Affiliated Lecturer

Dr Unai Pascual

University Lecturer

Dr Maria Ruiz-Tagle

Affiliated Lecturer

Ms Mary Young

Affiliated Lecturer

Member externally funded research projects

Professor Ian Hodge

Prospects and opportunities for rural land on the Crown Estate, The Crown Estate, April 2008-April 2009.

Dr Danilo Iglori

2007-2010: Principal Investigator of *Research Network on Spatial Economic Analysis* - NEMESIS (Núcleo de Estudos e Modelos Espaciais Sistêmicos), PRONEX - Brazilian Ministry of Science and Technology - CNPq (Conselho Nacional de Pesquisa) and Research Support Foundation of State Government of Rio de Janeiro - FAPERJ (Fundação de Amparo à Pesquisa do Rio de Janeiro).

2007-2009: Research Grant from Research Support Foundation of State Government of São Paulo – FAPESP on *Urban Dynamics of Metropolitan São Paulo*, co-ordinator: Laboratory of Urban Analysis of Metropolitan Areas, Faculty of Architecture and Urban Planning, University of Sao Paulo.

Dr Andreas Kontoleon

Towards Improved Governance in China, United Nations Development Programme and EU's China Biodiversity Programme, 2008-2010. Budget managed: US\$81,400 (out of a total project budget of \$600,000). Managerial activities: Required to co-ordinate data collection and case study work in the remote Xinjiang province in China. Hiring of Chinese field work assistant; liaising with donor organisation. Co-ordinate final project workshop in the UK.

Valuing the Arc: linking science with stakeholders to sustain natural capital, The Leverhulme Trust, 2007-2011. Budget managed: £23,500 (out of a total of £1,249,467). Managerial activities: co-ordinate and manage budget for collecting data in UK and Tanzania on use and non-use values of the Eastern ark. Co-ordinate researchers across different Universities (UEA-UK and in Tanzania).

BIOECON conference: Sydney Sussex College; Funds raised: £22,000.

Dr Unai Pascual

Agrobiodiversity conservation and economic development in Ethiopia, United Nations Food and Agriculture Organisation (UNFAO). Principal Investigator.

Payment for Ecosystem Services, Equity and Valuation, United Nations Environment Programme, Economics of Ecosystem Services Division: Principal Investigator.

Conference papers and presentations

Professor Ian Hodge

'Agricultural Policy in UK and Europe.' Lecture to CILI course on Land Resource Management and Urban Development in Europe, Downing College, 16 August 2008.

'Drivers of Agricultural Change.' Presentation at CCF/RELU Symposium on the Future of Farming in the UK, New Hall, 3 July 2008.

'Deforestation: global problems and local solutions.' Talk at workshop at City of London School, 22 April 2008.

'The governance of ecosystem services in a liberalised world.' Paper presented at seminar on Rights, Markets and Ecosystem Services, University of East Anglia, 8 April 2008.

'Agri-environment schemes: Future options and opportunities.' Presentation to Mid-Anglia Branch of the Institute of Agricultural Management, Histon, 29 January 2008.

'Property rights and environmental and resource management.' Lecture to Environmental Management for Business MSc, University of Cranfield, 14 January 2008.

Dr Danilo Iglori

'Deforestation, Growth and Agglomeration Effects: Evidence from Agriculture in the Brazilian

Amazon.' Paper presented at the International Workshop on Tropical Deforestation Determinants and Policy Implications, University of Auvergne, France, 14 November 2008.

'Determinants of Vacancy Rates in the Sao Paulo's Metropolitan Area: A Spatial Approach.' (with Nadalin, V) Paper presented the XI Annual Seminar of NEMESIS - Research Network on Spatial Economic Analysis, Brazil, 22-23 September 2008.

'Spatial Concentration of Human Capital: An Analysis for the State of Sao Paulo, Brazil.' (with Botteon Costa, R) paper presented the XI Annual Seminar of NEMESIS - Research Network on Spatial Economic Analysis, Brazil 22-23 September 2008.

'Creative Industries and Metropolitan Dynamics: Is Brazil on Track?' (with Castelani, S) 2nd International Seminar on SMEs Innovation, School of Engineering, University of Sao Paulo, 04-05 September 2008.

'Productive Efficiency across Regions in Brazil: a Spatial Stochastic Frontier Analysis.' (with Schettini, D and Azzoni, C) paper presented at 8th World Congress of Regional Science Association International, Sao Paulo, Brazil, 17-19 March 2008.

Dr Andreas Kontoleon

'Evaluating impacts of the NFPP on Rural Household Livelihoods.' 10th International BIOECON conference, Sidney Sussex College, Cambridge, 29-30 September 2008.

'Determinants of participation in PES programmes: evidence from China.' EARE Conference, Copenhagen, Sweden, 26-29 June 2008.

'China's environment and growth dilemma.' Horizon Seminar on China, New Hall, Cambridge, 5-6 June 2008.

'Ecosystem Management Options for China.' Workshop on Developing a Macro-Environmental Strategy for China hosted by the Chinese Ministry of Environmental Protection and the Asian Development Bank, Beijing, China, 27 May 2008.

Dr Catherine MacKenzie

'Environmental Protection and the Law of Armed Conflict.' University of Oxford, 2009.

'Using International Law to shape the response to Climate Change.' Environmental Change Institute, University of Oxford, 2008.

'Environmental protection and sustainable development.' University of Oxford Sustainable Development Law Group, 2008.

'Emerging Issues in International Environmental Law and the Law of Armed Conflict.' University of Oxford, 2008.

Dr Unai Pascual

'Potentials of green consumerism for landrace conservation: evidence from eggplant production

sector of India.' (with Krishna, V and Zilberman, D) 10th BIOECON meeting, Sydney Sussex College, Cambridge, September 2008.

'Revisiting the relationship between equity and efficiency in PES.' (with Muradian, R and Rodríguez, L C) International Association of Ecological Economics, Nairobi, Kenya, August 2008.

'Revisiting the role of social capital in managing the commons: a social-ecological critique.' (with Ishihara, H) International Association for the Study of the Commons, Cheltenham, July 2008.

'The economics of agrobiodiversity loss under climate change.' University College Davis, USA, 2008.

Publications

Dr Jonathan Aldred

Aldred, J 'The Economic Rationale of Trademarks: an economist's critique.' Chapter 12: 267-82pp in Ginsburg, J, Bentley, L and Davis, J (eds) *Trademarks and Brands: An Interdisciplinary Critique*. Cambridge University Press, 2008. [ISBN: 9780521889650]

Dr Shailaja Fennell

Fennell, S *Rules, Rubrics and Riches: The Relationship Between Law, Institutions and International Development*. Routledge-Cavendish, 256pp, 2009. [ISBN: 9781904385295]

Fennell, S and Arnot, M (eds) *Gender Education and Equality in a Global Context: conceptual frameworks and policy perspectives*. Routledge, 216pp, 2008. [ISBN: 9780415419444]

Fennell, S 'Contested gender frameworks: economic models and provider perspectives on education.' Chapter 3: 35-50pp in Fennell, S and Arnot, M (eds) *Gender Education and Equality in a Global Context: conceptual frameworks and policy perspectives*. Routledge, 2008. [ISBN: 9780415419444]

Arnot, M and Fennell, S 'Gendered Education and National Development: critical perspectives and new research.' *Compare*, special issue, 38(5): 515-23, October 2008. [ISSN: 0305-7925] [doi: 10.1080/03057920802351275]

Fennell, S and Arnot, M 'Decentering gender theory: the implications for educational research.' *Compare*, special issue, 38(5): 525-39, October 2008. [ISSN: 0305-7925] [doi: 10.1080/03057920802351283]

Professor Ian Hodge

Hodge, I 'The governance of rural land in a liberalised world.' *Journal of Agricultural Economics* 58(3): 409-32, September 2007. [ISSN: 0021-857X] [doi: 10.1111/j.1477-9552.2007.00124.x]

Hodge, I and Midmore, P 'Models of Rural Development and Approaches to Analysis Evaluation and Decision-Making.' *Économie Rurale* 307: 23-38, 2008.

Hodge, I 'Whither rural development?' *EuroChoices* 7(1): 4-5, April 2008. [ISSN: 1478-0917]

[doi: 10.1111/j.1746-692X.2008.00078.x]

Hodge, I 'To what extent are environmental externalities a joint product of agriculture? Overview and policy implications' 85-118pp in *Multifunctionality in Agriculture: Evaluating the Degree of Jointness, Policy Implications*. Organisation for Economic Co-operation and Development (OECD), Paris, 2008.

Hodge, I 'Redéfinition des institutions et offre de biens et services ruraux multifonctionnels.' 505-11pp in Falque, M, Lamotte, H and Saglio, J-F (eds) *Les Ressources Foncières: Droits de Propriété, Économie et Environnement*. Bruylant, 760pp, 2007. [ISBN: 9782802724520]

Dr Danilo Iglori

Iglori, D C, Fingleton, B and Moore, B 'Employment Growth in ICT Clusters: New Evidence from Great Britain.' Chapter 5: 79-106pp in Karlsson, C (ed) *Handbook of Research on Innovation and Clusters: Cases and Policies*. Edward Elgar, 2008. [ISBN: 9781847208422]

Iglori, D C *An Agenda for Industrial Competitiveness in the State of São Paulo, Brazil*. State Secretary of Development, Science and Technology.

Dr Andreas Kontoleon

Kontoleon, A and Grosjean, P 'How sustainable are sustainable development programmes? The Case of the Sloping Land Conversion Program in China.' *World Development* 37(1): 268-85, January 2009. [ISSN: 0305-750X] [doi: 10.1016/j.worlddev.2008.05.003]

Kontoleon, A and Swanson, T 'Nuisance.' Article entry in Bouckaert, B and De Geest, G (eds) *Encyclopaedia of Law and Economics, Volume 2: Common Property and Regulation of the Environment*, 380-402pp, 2008.

Kontoleon, A, Pascual, U and Smale, M (eds) *Agrobiodiversity, Conservation and Economic Development*. Routledge, 456pp, 2008. [ISBN: 9780415465052]

Kontoleon, A, Pascual, U and Swanson, T M (eds) *Biodiversity Economics: Principles, Methods and Applications*. Cambridge University Press, 692pp, 2008. [ISBN: 9780521866835]

Kontoleon, A and Mitsuyasu, Y 'Latent Market Segmentation Analysis of Choice Experiment Data and Implications for the EU's GM labelling policy.' Chapter 7 in Birol, E and Koundouri-Pittis, P (eds) *Choice Experiments Informing European Environmental Policy*. Edward Elgar, 2008. [ISBN: 9781845427252]

Birol, E, Kontoleon, A and Smale, M 'Assessing the private value of agro-biodiversity in Hungarian home gardens using the data enrichment method.' Chapter 22: 594-622pp in Kontoleon, A, Pascual, U and Swanson, T M (eds) *Biodiversity Economics: Principles, Methods and Applications*. Cambridge University Press, 2008. [ISBN: 9780521866835]

Mullan, K, Grosjean, P and Kontoleon, A 'Land Tenure Arrangements and Rural-Urban Migration in China.' *EEP Discussion Paper 37.2008*, Department of Land Economy, University of Cambridge, 2008.

Dimitropoulos, A and Kontoleon, A 'Assessing the Determinants of Local Acceptability of Wind Farm Investment: A Choice Experiment in the Greek Aegean Islands.' *EEP Discussion Paper 35.2008*, Department of Land Economy, University of Cambridge, 2008.

Mullan, K, Kontoleon, A, Swanson, T and Zhang, S 'An evaluation of the impact of the Natural Forest Protection Programme on Rural Household Livelihoods.' *EEP Discussion Paper 34.2008*, Department of Land Economy, University of Cambridge, 2008.

Kontoleon, A, Groom, B, Grosjean, P, Swanson, T M and Zhang, S 'Relaxing Rural Constraints: A win-win policy for environment and poverty in China?' *EEP Discussion Paper 30.2008*, Department of Land Economy, University of Cambridge, 2008.

Dr Catherine MacKenzie

Book Review: 'Property Law and Environmental Law titles' (2008) 72 *The Conveyancer and Property Lawyer* 547.

Dr Unai Pascual

Kontoleon, A, Pascual, U and Smale, M (eds) *Agrobiodiversity Conservation and Economic Development*. Routledge, 456pp, 2008. [ISBN: 9780415465052]

Kontoleon, A, Pascual, U and Swanson, T (eds) *Biodiversity Economics*. Cambridge University Press, 692pp, 2008. [ISBN: 9780521866835]

Dedeuwaerdere, T, Krishna, V and Pascual, U 'An evolutionary institutional approach to the economics of bioprospecting.' Chapter 15: 417-45pp in Kontoleon, A, Pascual, U and Swanson, T (eds) *Biodiversity Economics*. Cambridge University Press, 2008. [ISBN: 9780521866835]

Kontoleon, A, Pascual, U and Smale, M 'Agrobiodiversity for economic development: what do we know?' Chapter 1: 1-25pp in Kontoleon, A, Pascual, U and Smale, M (eds) *Agrobiodiversity Conservation and Economic Development*. Routledge, 2008. [ISBN: 9780415465052]

Pascual, U and Krishna, V 'Can greening markets help conserve landraces in situ? Eggplants in India.' Chapter 15: 267-90pp in Kontoleon, A, Pascual, U and Smale, M (eds) *Agrobiodiversity Conservation and Economic Development*. Routledge, 2008. [ISBN: 9780415465052]

Pascual, U and Ishihara, H 'Social Capital and Collective Action in Environmental Governance Revisited.' *EEP Discussion Paper 38.2008*, Department of Land Economy, University of Cambridge, 2008.

Forthcoming publications

Dr Jonathan Aldred

Aldred, J *The Skeptical Economist: revealing the ethics inside economics*. Earthscan, 2009.

'Environmental Valuation?' Chapter in Anand, P and Simonetti, R (eds) *Economics and Economic Change*. Pearson Education.

'Ethics and Climate Change Cost-Benefit Analysis: Stern and after?' *New Political Economy* 14(4), 2009.

Professor Ian Hodge

Hodge, I 'The further development of agri-environment schemes: extending and defending conservation values.' Chapter 3 in Brouwer, F and van der Heide, M (eds) *Multifunctional Rural Land Management*. Earthscan, London.

Dr Danilo Iglori

Iglori, D C, Fingleton, B and Moore, B 'Spatial Economics, Clustering and the New Economic Geography: A Selected Survey.' Chapter in Allington, N and McCombie, J (eds) *Cambridge Essays in Applied Economics*. Cambridge University Press.

Iglori, D C and Fingleton, B *Introduction to Applied Spatial Economics*. Edward Elgar.

Dr Andreas Kontoleon

Kontoleon, A, Mullan, K, Swanson, T and Zhang S 'An evaluation of the impact of the Natural Forest Protection Programme on Rural Household Livelihoods.' *Environmental Management*.

Kontoleon, A and Dimitropoulos, A 'Assessing the Determinants of Local Acceptability of Wind Farm Investment: A Choice Experiment in the Greek Aegean Islands.' *Energy Policy*.

Kontoleon, A 'Assessing the Sustainability of the Sloping Land Conversion Program: a Choice Experiment Approach.' Chapter in Birol, E and Bennett, J (eds) *Choice Experiments in Developing Countries: Implementation, Challenges and Policy Implications*. Edward Elgar.

Kontoleon, A, Groom, B, Gorsjean, P, Swanson, T M and Zhang, S 'Relaxing Rural Constraints: a 'Win-Win' Policy for Poverty and Environment in China?' *Oxford Economic Papers* (revise and resubmit).

Mullan, K, Grosjean, P and Kontoleon, A 'Land Tenure Arrangements and Rural-Urban Migration in China.' *Journal of Comparative Economics* (under review).

Kontoleon, A and Mullan, K 'Farmer participation in set-aside programmes in a developing country context: evidence from China.' *Ecological Economics* (under review).

Kontoleon, A, Yabe, M and Darby, L 'Evaluating Income Effects Under Alternative Payment Vehicles in CV Studies.' *Land Economics* (under review).

Dr Catherine MacKenzie

MacKenzie, C 'Lessons from Forestry for International Environmental Law' *Review of European Community and International Environmental Law*.

MacKenzie, C *The International Law of the Forest*. Oxford University Press (under review).

MacKenzie, C 'Participation in Biodiversity Conventions.' Chapter in Lawrence, A (ed) *Taking*

Stock of Nature. Cambridge University Press (in progress).

MacKenzie, C 'Options for the International Forest Regime.' *Journal of Environmental Law* (under review).

MacKenzie, C 'Barking Up the Wrong Tree: Commonwealth Approaches to International Forest Law.' *Oxford University Commonwealth Law Journal* (to be submitted).

MacKenzie, C 'The CBD at fifteen: A glimmer of hope?' *Journal of Environmental Law* (in preparation).

MacKenzie, C and Carbonell, T 'The Equator Principles: Prospects for Success?' *Colorado Journal of International Environmental Law and Policy* (in preparation).

Dr Unai Pascual

Pascual, U and Martínez-Espiñeira, R 'The effect of environmental change and price policies on livelihoods in tropical agroforestry systems.' *Journal of International Development* 21(3), 2009.

Ishihara, H and Pascual, U 'Social capital in community level environmental governance: A critique.' *Ecological Economics*.

EEP discussion papers

- 29.2008 *Deforestation, Growth and Agglomeration Effects: Evidence from Agriculture in the Brazilian Amazon*. Danilo Iglori.
- 30.2008 *Relaxing Rural Constraints: a 'Win-Win' Policy for Poverty and Environment in China?* Ben Groom, Pauline Grosjean, Andreas Kontoleon, Tim Swanson and Shiqiu Zhang.
- 31.2008 *Equity Considerations and Payments for Ecosystem Services*. Wendy Proctor, Thomas Köllner and Anna Lukasiewicz.
- 32.2008 *Ecological thought and concern for social inequalities: indifference, opposition or convergence?* Edwin Zaccai.
- 33.2008 *Management to Improve Local Environmental Quality and Public Health: Application of the Choice Experiment Method in West Bengal, India*. Sukanya Das, Ekin Birol and Rabindra N Bhattacharya.
- 34.2008 *An evaluation of the impact of the Natural Forest Protection Programme on Rural Household Livelihoods*. Katrina Mullan, Andreas Kontoleon, Tim Swanson and Shiqiu Zhang.
- 35.2008 *Assessing the Determinants of Local Acceptability of Wind Farm Investment: A Choice Experiment in the Greek Aegean Islands*. Alexandros Dimitropoulos and Andreas Kontoleon.
- 36.2008 *Direct vs Indirect Payments for Environmental Services: The Role of Relaxing*

Market Constraints. Ben Groom and Charles Palmer.

- 37.2008 *Land Tenure Arrangements and Rural-Urban Migration in China*. Katrina Mullan, Pauline Grosjean and Andreas Kontoleon.
- 38.2008 *Social Capital and Collective Action in Environmental Governance Revisited*. Hiroe Ishihara and Unai Pascual.
- 39.2008 *The Clean Development Mechanism and Sustainable Development: A Panel Data Analysis*. Yongfu Huang and Terry Barker.
- 40.2008 *Does Geography Matter for the Clean Development Mechanism?* Yongfu Huang and Terry Barker.

Other activities

Professor Ian Hodge

- Fellow of the Royal Institution of Chartered Surveyors.
- External advisory board for RELU project.
- Governor of the Cambridge International Land Institute.
- Executive Committee of the Agricultural Economics Society.
- Member of the Department for Environment, Food and Rural Affairs Agricultural Economics Academic Panel.
- Member of the Editorial Boards: *Journal of Rural Studies*; *Land Economics*; *Agricultural Resources*; *Governance and Ecology*.
- External examiner: Master of Land Economy degree, University of Aberdeen, 2006-present.

Dr Danilo Iglori

- Honorary Member of the Regional Studies Association.
- Member of the Regional Science Association International.
- University Lecturer, Department of Economics, University of São Paulo, Brazil.
- Associate Consultant, PACEC – Public and Corporate Economic Consultants, UK.
- Editorial: *Spatial Economic Analysis*, Co-Editor.
- Refereeing: *Environment and Development Economics*; *Regional Studies*; *Journal of International Trade and Economic Development*; *Brazilian Journal of Economic Studies*; *Brazilian Journal of Applied Economics*; *Cambridge University Press*; *Brazilian Journal of Innovation*.

Dr Andreas Kontoleon

- 2004-present - Co-Coordinator of Biodiversity Economics (BIOECON) research network.
- 2006-present - Co-founder of Centre for Law & Economics for Environment and Development (C-LEED).
- 2007-present - Senior Research Fellow, Department of Economics, University College London.
- 2007-present - Member of International Advisor Panel to the Chinese Ministry of Environmental Protection on China's 50 year Macro-Environmental Strategy.
- 2003-present - Member of international advisor group to China Council for the China Council for International Cooperation on the Environment and Development (CCICED).
- Member of the economic advisory panel and contributing author to the 'Potsdam Initiative on Biodiversity', a Stern review like report on the economics of ecosystems and biodiversity

(advisory body established by the Environment Ministers of the G8 and funded by the German Federal Ministry for the Environment, the European Commission and the EU's Environment Agency).

- Member of the economic advisory panel of the International Union for Conservation of Nature (IUCN) advising on the economics of forest biodiversity.
- Editorships: 2008-present *Environment and Resource Economics* - Associate (guest) editor
- Refereeing: *Journal of Applied Economics*; *American Journal of Agricultural Economics*; *Environment and Resource Economics*; *Land Economics*; *Research in Law and Economics*; *Journal of Agricultural & Food Industrial Organization*; *Journal of Environment and Development Economics*; *Journal of Development Economics*; *World Development Journal of Development Economics and Cultural Change*; *Research in Law and Economics*; *Journal of Environmental Planning and Management*; *Journal of Regional Studies*; *Ecological Economics*; *Environmental Management*; *Energy Policy*; *Landscape Research*; *The International Journal of Conservation*; *The Times, Higher Educational Supplement*.

Dr Catherine MacKenzie

- Review work: Oxford University Press, 2006-08; Cambridge University Press, 2008; *British Yearbook of International Law*, 2008; Routledge Cavendish, 2007; *Cambridge Law Journal*, 2007; *African Journal of International Law*, 2006; *Commonwealth Forestry Journal*, 2005
- Member of English and Australian Bar.
- University of Oxford, Visiting Fellow, since September 2006.
- University of Reading, Visiting Lecturer in Graduate Institute of International Development and Applied Economics.
- Newman University College, Birmingham, Governor 2005-Present - Jointly oversaw process by which the University College received taught-degree awarding powers in December 2007 following successful QAA, OFSTED and HEFCE audits/inspections.
- English Bar Council, International Relations sub-committee, 2003-2008 - Represented English Bar as rule of law monitor at United Nations Mission in Liberia.
- American Bar Association (ABA) - ABA Advisor on International Environmental Law.

Dr Unai Pascual

- Member of the Board of the European Society of Ecological Economics DIVERSITAS Scientific Committee member, agroBIODIVERSITY programme.
- Member of the Nippon Science Assessment Panel (NSAP) for the Sub-global Millenium Ecosystem Assessment in Japan.
- Member of the scientific committee of the "Spanish Association of Environmental and Natural Resource Economists".
- Board Member: *Environment and Development Economics (Cambridge University Press)*; *International Journal of Ecology & Development*; *Spanish Journal of Agricultural & Fisheries Studies*.
- Prizes/Honours: Honorary Research Fellowship of Bioersity International.
- External Examiner: Environment Department (University of York).
- Editorial/Refereeing: Reviewer for the following journals: *World Development*; *Ecological Economics*; *Conservation letters*; *the Geographical Journal*.

Cambridge Centre for Climate Change Mitigation Research

Review from the Director, Dr Terry Barker

The main research event for the Centre in 2008 was the award by the Three Guineas Trust, one of the Sainsbury Family Trusts, of £2.5m for a research project over 3 years 2008 to 2010 to investigate policies and modelling to decarbonise the global economy. The idea is to fulfil the design specifications of our global model E3MG, but fitting it to past observations so that a quantitative explanation can be given on the growth on greenhouse gas emissions annually over the period 1973 to 2004. The project formally started in October 2008, but most appointments could not be made until February 2009, although great progress was achieved in the early months by the team in Cambridge Econometrics developing the model. The project will increase the size of the Centre from about 12 to some 25, allowing for research students, requiring a move to new premises.

The accommodation problem has become acute for the Centre, with a new building found but not available through problems in the funding of a mortgage from the banks. Hopefully a new scheme, involving the Carbon Trust will be successful in developing in the new building in 2009 for early occupation. In the meantime we are squeezed into five rooms in Land Economy.

2008 was also the occasion to welcome several new staff: Robin Hankin joined us from Southampton University, as a statistician to help us with uncertainty analysis with the modelling; Lynn Dicks and Charles Secrett are job sharing a communications post on the Three Guineas trust project. Mairéad Curran replaced Katie Jenkins coordinating the ADAM and Tyndall projects and to work as deputy office manager. Emily Woods has also joined the group working as Terry's personal assistant.

We also welcomed two new PhD students; Scott Kelly who will be looking at 'critical path decarbonisation for energy supply and demand for the UK built environment using large scale interconnected system methodologies' and Ramona Meyricke who will be focusing on 'modelling policies for a low carbon economy'.

We have lost Rachel Warren, who was awarded a five-year Research Council's Fellowship to work on climate change issues and our Visiting Fellow Anna Korppoo, who has returned to Scandinavia.

About the Centre

4CMR's overarching objective is to foresee strategies, policies and processes to mitigate human-induced climate change, which are effective, efficient and equitable, including understanding and modelling transitions to low-carbon energy-environment-economy systems. To address this objective, expert knowledge from many disciplines is essential in addressing the complex issues of GHG mitigation, including expertise in communicating between disciplines and in filling poorly researched gaps in knowledge. Members of the Centre study climate change mitigation with a focus on computable modelling, using observations and theory.

Research

The research effort at 4CMR is intended to be at the leading edge of UK and international research in the area. The Centre houses global, European and UK modelling teams adopting a common set of conventions and protocols and networked with multidisciplinary teams working in different countries. The Centre's research is focused on climate-change mitigation through technological change induced by use of economic instruments, such as the EU's emission trading scheme. We apply a multi-disciplinary approach and aim to inform national and international policy-making.

Some illustrative principal areas of the research at the Centre are as follows:

- options for GHG mitigation at a global level, with implications for 20 world regions to 2100;
- effective, efficient and equitable policies and measures for achieving the UK's CO₂ and GHG reduction targets and the effects on UK sectoral and international competitiveness;
- top-down uncertainty modelling of energy demand and new technologies for electricity generation, households and transportation;
- the modelling of the EU emission allowance trading scheme and its implications for the UK energy economy.

Three long-term research contracts from the UK Research Councils and the European Commission have been secured to contribute to these aims. The Centre is an integral part of the Tyndall Centre for Climate Change Research and the UK Energy Research Centre (UKERC). It has close links with the Cambridge Centre for Public and Economic Policy (Dept. Land Economy), The Electricity Policy Research Group (Judge Business School and Faculty of Economics) and Cambridge Econometrics, which is a research partner for UKERC.

Externally funded research projects

United Kingdom Energy Research Centre (UKERC)

The starting-point for the UKERC top-down modelling carried out at 4CMR is the MDM-E3 model designed to analyse and forecast changes in economic structure, energy systems and associated environmental impacts for use in policy making. To do this, it disaggregates industries, products, and household and government expenditures, as well as foreign trade and investment. The model is a combination of time-series econometric relationships and cross-section input-output relationships. The projection of fuel use by user and type of fuel is used to calculate emissions of carbon dioxide and other gases and particulates to the atmosphere, allowing for different qualities of fuel and different processes of combustion. The econometric 'top-down' treatment is supplemented by an engineering 'bottom-up' approach in four important areas: the electricity supply industry (ESI), household energy consumption, the transport sector and waste.

Duration: 2006-2009

4CMR Team: Programme Leader: Dr Terry Barker
Core Researcher: Dr Athanasios Dagoumas
Research Assistant: Mrs Cathy Goss

Website: www.ukerc.ac.uk

ADAM: ADaptation And Mitigation strategies

ADAM is an integrated project that will lead to a better understanding of the trade-offs and conflicts that exist between adaptation and mitigation policies. ADAM will support EU policy development in the next stage of the development of the Kyoto Protocol and will inform the emergence of new adaptation strategies for Europe. The ADAM work programme is structured around four overarching domains: Scenarios, Policy Appraisal, Mitigation and Adaptation. The Mitigation Domain will evaluate the costs and effectiveness of different mitigation options at the EU level and estimate their corresponding contribution at the global level. These evaluations will address the main interactions between the EU and other world regions: international trade, development aid, technology transfer, and trade of used products and investment goods. 4CMR are involved in the analysis of mitigation policy options at the European level (M1) and globally (M2). 4CMR's contribution to M1 will be macro economic modelling including adaptation, ancillary benefits, impact on employment, competitiveness and foreign trade. 4CMR's contribution to M2 will be macro economic modelling including adaptation, impact on employment, competitiveness and foreign trade.

Duration: 2006-2009

Funding: European Commission

4CMR Team: Project Leader: Dr Terry Barker

Co-ordinator: Ms Katie Jenkins

Research Associate: Dr Serban Scriciu

Research Assistant: Ms Svetlana Tashchilova (40%)

Website: www.adamproject.eu

Co-ordinated by the Tyndall Centre for Climate Change Research

Integrated Modelling: Innovating Integrated Assessment Systems

The Tyndall Centre is committed to delivering high impact research, based on quality cutting-edge science, supported by a sustainable inter-disciplinary research culture. The second phase of the Tyndall Research Strategy (2006-09) was launched on 4 May 2006 and comprises seven research programmes designed to carry forward the work from phase one. 4CMR is the lead partner in research programme seven - Integrated Assessment Modelling. Dr Terry Barker leads the research programme, which is developing and using the Community Integrated Assessment System (CIAS). The system links a climate and closed carbon-cycle model, a global energy-environment-economy model, an impacts tool and a down-scaling module. It will be applied to analyse specific scientific and policy issues, including costs of stabilisation of atmospheric greenhouse gas concentrations, and post-2012 international climate policy options, including analysis of instruments designed to induce and diffuse technological change, allowing for the non-linear dynamic responses of the coupled climate socio-economic system.

Duration: 2006-2009

4CMR Team: Programme Leader: Dr Terry Barker

Deputy Programme Leader: Dr Rachel Warren

Core Researcher: Dr Yongfu Huang

Core Researcher: Dr Jonathan Köhler (25%)

Co-ordinator: Ms Katie Jenkins

Website: www.tyndall.ac.uk

Engineering Cities (GFC)

The aim of the Tyndall Centre Cities Programme is to develop a city-scale assessment capacity that simulates the evolution of climate impacts and emissions over the 21st century. This city-scale assessment tool will be applied for urban policy-makers, planners, engineers and other stakeholders to compare alternative adaptation and mitigation strategies and to consider how

cities grow whilst reducing emissions and vulnerability to climate change. 4CMR's overall objective is to provide scenarios of economic activity at a city scale. This will be modelled by adapting the existing E3MG and MDM global and UK models of economic activity that were developed in part during the first phase of the Tyndall Centre. In keeping with the overall integrated assessment framework, the economics model will be driven by global scenarios of climate and socio-economic change. These will be disaggregated to obtain measures of economic activity at a city scale but will remain in the context of global scenarios of climate and socio-economic change. Of particular interest to urban planners and policy makers are the potential gains or losses from cities or nations using their own powers to explore city-scale mitigation strategies. The different scenarios of economic activity will be used to drive the land use model and provide inputs to the emissions accounting models.

Duration: 2006-2009

4CMR Team: Programme Leader: Dr Terry Barker
Core Researcher: Dr Jonathan Köhler
Core Researcher: Dr Athanasios Dagoumas

Website: www.tyndall.ac.uk

OMEGA: Opportunities for Meeting the Environmental Challenge of Growth in Aviation

Increasingly, stakeholders in UK aviation are recognising that severe challenges lie ahead. They are accepting that timely action is necessary and that radical changes may be needed to address them. The OMEGA project will combine academic capability with knowledge exchange between academia, industry and policymakers to assist in developing future strategies for a sustainable UK aviation industry. 4CMR are a partner in the OMEGA project and will study the possible impacts on the aviation industry and general economic activity of including the aviation sector in the European Union Emissions Trading Scheme (EU ETS). The Cambridge Econometrics' European model E3ME will be developed to incorporate the aviation sector in the EU ETS. Scenarios of emissions permit allocations and business responses to changes in costs from the permit prices will be explored, to investigate conditions under which aviation might significantly affect permit prices in the EU ETS and under which aviation sector investment decisions will be influenced by the permit price.

4CMR Team: Programme Leader: Prof Peter Allen
Core Researcher: Dr Jonathan Köhler
Research Assistant: Ms Annela Anger-Kraavi

Website: www.omega.mmu.ac.uk

Green Fiscal Commission (GFC)

The over-arching objective of the UK Green Fiscal Commission is to establish an evidence base to support the large-scale introduction of green taxes in order to respond effectively to global environmental challenges (especially climate change) and bring about cost-effective environmental improvements that also promote innovation in business and assist the creation of new industries. Green taxes are defined broadly as any revenue-raising market-based environmental economic instrument, including for example, auctioned emissions allowances. The role of 4CMR will be the development of the transport and household submodels, to allow feedback into MDM-E3 and the review of effects of green taxes on transport and household policies using Cambridge Econometrics' Energy-Environment-economy model of the UK MDM-E3, provided to the Centre for academic research.

Duration: 2007-2009

4CMR Team: Programme Leader: Dr Terry Barker
Core Researcher: Dr Athanasios Dagoumas

Website: www.greenfiscalcommission.org.uk

Members

Ms Annela Anger-Kraavi

Research Assistant

Dr Terry Barker

Director

Ms Mairéad Curran

Research Assistant

Dr Athanasios Dagoumas

Research Associate

Dr Lynn Dicks

Communications Officer

Dr Cathy Goss

Centre Manager

Dr Robin Hankin

Senior Research Associate

Dr Yongfu Huang

Research Associate

Mr Scott Kelly

Research Assistant & PhD Student

Dr Serban Scrieci

Research Associate

Mr Stephen Stretton

Research Associate

Miss Svetlana Tashchilova

Research Assistant & PhD Student

Ms Emily Woods

PA to the Director

Member externally funded research projects

Dr Robin Hankin

DEFRA/AVOID project: avoiding dangerous climate change through stabilising greenhouse gas concentrations (large national consortium including Tyndall, Hadley Centre, Walker institute).

Conference papers and presentations

Dr Terry Barker

'The Financial and Climate Catastrophes: the same causes and the same solution.' Presentation to the Franco-British Student Alliance Summit, Cambridge, 13 December 2008.

'Including Aviation in the EU ETS versus a Global Emissions Trading Scheme for international transport.' (with Annela Anger) Presentation to Omega workshop, Department for Transport, London, 11 December 2008.

'The Global Deal: treating anthropogenic climate change as an economic externality.' Presentation to the research seminar on "Complexity Economics for Sustainability" supported by the UK ESRC and the Environment Agency, Oxford, 27-28 November 2008.

'Causes, consequences and solutions to the global financial crisis.' Given to the Conference on "The Big Crunch and the Big Bang: how to get out of the global financial mess", Murray Edwards Hall, Cambridge, 21 November 2008.

'Energy-environment-economy (E3) modelling of climate policies from the IPCC TAR to the AR4: why we need more "new economics" models.' Webinar presentation in "Towards the next generation of climate policy models", Potsdam Institute for Climate Impact Research (PIK), 14 November 2008.

'Re-booting the global financial system by bankrupting the bad banks.' Seminar given to the Queens' College series, Cambridge, 13 November 2008.

'Policies for reducing personal carbon.' Introduction to the CRASSH Climate Change Conference "Representing Climate Change: Ecology, Media and the Arts", Cambridge, 17 October 2008.

Verbal evidence to the House of Lords Select Committee on European Affairs on the "EU emissions trading system", London, 8 October 2008.

'The Big Crunch and The Big Bang in Global Financial Markets.' Environment Agency, London, 1 October 2008.

'Economics of a Zero-Carbon Society: transitional climate policies after the "big crunch".' Invited Keynote Speaker at the First International Summit on Policy, Technology and Investment: Entrepreneurship for a Zero Carbon Society, University of Cambridge, 22 September 2008. Also given in the Webinar Presentation for "macroeconomic briefing", The Climate Group, 9 October 2009 and for the Cambridge MPhil, Architecture, 17 October 2008.

'Decarbonising transportation.' Defra, London, 15 July 2008.

'Avoiding dangerous climate change: the role of input-output in modelling a zero-carbon global economy.' Presented to "Economic Futures: A Session in Honor of Emilio Fontela (1938-2007)" 2008 International Input-Output Meeting Input-Output & Environment, Seville, 10 July 2008.

'Global and Sectoral Mitigation Potentials to 2030 and the Carbon Price: towards decarbonising the global economy.' First Keynote address to the First Global Conference on Global Warming

2008, Dedeman Hotel, Istanbul, July 6-10 2008.

'A Global Emissions Trading Scheme for international transport.' (with Anger-Kraavi, A) Invited presentation to "Aviation: post Kyoto control structures", 947th Wilton Park Conference, in partnership with OMEGA and support from Defra, BERR and DfT, 27 June 2008 (also to UK Defra).

'Achieving the 2°C target through ecotax reform and carbon trading: implications for the EU and its Member States.' Invited keynote presentation given to a seminar organized by the Netherlands Ministry of Finance in cooperation with the National Academy for Finance and Economics on 'Towards an optimal tax structure, shifting to indirect taxation?', Rijksacademie, Den Haag, 6 June 2008 (also presented to UK Defra, 15 July, 2008 and N-Power, 8 September 2008).

'Climate change mitigation and oil prices.' Invited external expert presentation given to a meeting on "The impact of high oil prices in Europe", Final HOP! Conference, Brussels, 5 June 2008.

'Competitiveness and the EU's 2°C target: Implications of recent scientific findings.' Presented to the European Forum for Science and Technology, Prague "Efficiency of the European Science and its Global Competitiveness", Prague, Czech Republic, 22 May 2008.

Chair with introduction for the Workshop on "Policies to reduce personal carbon", 4CMR and Cambridge Energy Forum, Pitt Building, Cambridge, 16 May 2008.

'Economic costs and benefits of climate change, adaptation and mitigation: Implications for global climate policy of recent scientific findings.' Presented to workshop of EU climate negotiators, held at Lake Bled, Slovenia, 9 May 2008.

'Technological change and technological policies.' Presented to the International Expert Meeting on "Bottom-up Based Analysis on Mitigation Potential ~ Interaction among modelers, sectoral stakeholders, and policy analyst", Novotel Paris Tour Eiffel, Paris, France. Organised by MOEJ and NIES, Japan, 7 May 2008.

Chair, First International Scientific and Business Congress on Protecting the Climate, A World Joint Strategy, Frankfurt City Hall, Germany. "Economic costs and benefits of climate change, adaptation and mitigation: implications for business of recent scientific evidence" and "Reforming the global financial System to support decarbonisation", 22 April 2008.

'Costs and benefits of a zero-carbon economy by 2050.' Plenary speaker in the opening session, ECT2008 Energy-Climate-Technology: Bringing Solutions to Big Challenges, Bergen, 17 April 2008.

'Achieving the 2°C target through carbon trading.' Royal Society of Chemistry, Distinguished Guest Lecture at the Environmental Chemistry Group Symposium on 'The Science of Carbon Trading', Burlington House, London, with medal, 12 March 2008. Also given in The Smith School, Oxford, 27 November 2008.

'Modelling the costs of mitigation.' Defra, London, 8 February 2008.

'The economics of avoiding dangerous climate change.' The Global Student Forum Regional Conference, Stephen Perse Sixth Form College – Perse School for Girls, Cambridge, 6 February 2008.

Chair, IEA-OECD Joint Transport Research Centre Roundtable on “The costs and effectiveness of policies to reduce vehicle emissions”, IEA, Paris, 31 January-1 February 2008.

‘Scenarios, modelling and meta-analysis: what can we learn from the Stern Review and the IPCC?’ UKERC Annual Energy Modelling Conference on “Scenarios”, Oxford, 30 January 2008.

Dr Athanasios Dagoumas

‘The macroeconomic rebound effect from the implementation of energy efficiency policies at global level.’ (with Barker, T) The International Black Sea Energy Policy Conference - “Energy Investments and Trade Opportunities”, Athens, Greece, 8-9 October 2008.

‘Strategic appraisal of flood risk management options over extended timescales: combining scenario analysis with optimization.’ (with Hall, J W, Phillips, T R, Dawson, R J, Barr, S L, Ford, A C, Batty, M and Sayers, P) FLOODrisk 2008, Oxford, UK, 29 September - 02 October 2008.

‘Carbon and Energy Price Uncertainty Analysis Using the Global E3MG Model.’ (with Stretton, S and Barker, T) International Energy Workshop, International Energy Agency, Paris, France 30 June - 02 July 2008.

Dr Robin Hankin

Presented two statistics papers at the useR conference, Dortmund, 2008 (one on biodiversity modelling, one on theoretical statistics).

Publications

Dr Terry Barker

Barker, T ‘Achieving the EU’s 2°C target through carbon trading.’ *Environmental Chemistry Group Bulletin*, The Royal Society of Chemistry, UK, July 2008.

Barker, T and Dagoumas, A ‘A framework for transport: towards decarbonising transport.’ Green Alliance pamphlet on “*Is there more to life than trading?*” IPPR, London, 2008.

Barker, T, Scricciu, S S and Taylor, D ‘Climate change, social justice and development.’ *Development* 51(3): 317-24, September 2008. [ISSN: 1011-6370] [doi:10.1057/dev.2008.33]

Barker, T ‘The economics of avoiding dangerous climate change. An editorial essay on The Stern Review.’ *Climatic Change* 89(3-4):173-94, August 2008. [ISSN: 0165-0009] [doi: 10.1007/s10584-008-9433-x]

Hasselmann, K and Barker, T ‘The Stern Review and the IPCC Fourth Assessment Report: implications for interaction between policymakers and climate experts.’ *Climatic Change* 89(3-4): 219-29, August 2008. [ISSN: 0165-0009] [doi: 10.1007/s10584-008-9435-8]

Warren, R (lead author), de la Nava Santos, S, Bane, M, Barker, T, Barton, C, Ford, R, Fuessel, H-M, Klein, R, Linstead, C, Köhler, J, Mitchell, T, Osborn, T J, Pan, H, Raper, S, Riley, G, Winne, S, and Anderson, D ‘Development of the Community Integrated Assessment System (CIAS), a multi-institutional modular integrated assessment approach for modelling climate

change, and of SoftIAM, its supporting software' *Environmental Modelling and Software* 23(5): 592-610, May 2008. [ISSN: 1364-8152] [doi:10.1016/j.envsoft.2007.09.002]

Barker, T, Foxon, T and Scricieu, S S 'Achieving the G8 50% target: modelling induced and accelerated technological change using the macro-econometric model E3MG.' *Climate Policy* Special Issue on 'Modelling long-term scenarios for low-carbon societies.' 8: S30-45, 2008. [ISSN: 1469-3062]

Barker, T and Rubin J 'Macroeconomic effects of climate policies for road transport: Efficiency agreements versus fuel taxation for the UK, 2000-2010.' *Transportation Research Record* 2017: 54-60, January 2008.

Köhler, J, Barker, T and Jin, Y 'Integrated Modelling of EU Transport Policy Assessing Economic Growth Impacts from Social Marginal Cost Pricing and Infrastructure Investment' *Journal of Transport Economics and Policy* 42(1): 1-21, January 2008. [ISSN 0022-5258]

Barker, T 'Climate policy: issues and opportunities.' Chapter 1: 1-25pp in Compston, H and Bailey, I (eds) *Turning Down the Heat: The Politics of Climate Policy in Affluent Democracies*, Palgrave, 2008. [ISBN: 9780230202054]

Dr Athanasios Dagoumas

Dagoumas, A S, Panapakidis, I P, Papagiannis, G K and Dokopoulos, P S 'Post-Kyoto energy consumption strategies of the Greek interconnected electric system.' *Energy Policy* 36(6): 1980-1999, June 2008. [ISSN: 0301-4215] [doi:10.1016/j.enpol.2008.02.015]

Papagiannis, G, Dagoumas, A S, Lettas, N and Dokopoulos, P 'Economic and environmental impacts of the implementation of an intelligent electrical energy consumption management system at the European level.' *Energy Policy* 36(1): 163-80, January 2008. [ISSN: 0301-4215] [doi: 10.1016/j.enpol.2007.09.005]

Barker, T and Dagoumas, A 'A framework for transport: towards decarbonising transport.' Green Alliance pamphlet on "Is there more to life than trading?" IPPR, London, 2008.

Dr Robin Hankin

Hankin, R K S and Coster, M N 'Major Hazard Plant: Risk Assessment and the Threat of Terrorism.' Chapter 6 in Larche, R A (ed) *Global terrorism, issues and developments*. Nova press, 2008. [ISBN: 9781600219306]

West, L J and Hankin R K S 'Exact Tests for Two-Way Contingency Tables with Structural Zeros.' *Journal of Statistical Software* 28(11), November 2008. [ISSN 1548-7660]

Dr Yongfu Huang

Huang, Y and Barker, T 'The Clean Development Mechanism and Sustainable Development: A Panel Data Analysis.' *EEP Discussion Paper 39.2008*, Department of Land Economy, University of Cambridge, 2008.

Huang, Y and Barker, T 'Does Geography Matter for the Clean Development Mechanism?' *EEP*

Discussion Paper 40.2008, Department of Land Economy, University of Cambridge, 2008.

Dr Șerban Scriciu

Kirkpatrick, C and Scriciu, S S 'Is trade liberalisation bad for the environment? A review of the economic evidence.' *Journal of Environmental Planning and Management* 51(4): 497-510, July 2008. [ISSN: 0964-0568] [doi: 10.1080/09640560802116988]

Scriciu, S S and Stringer, L C 'The Transformation of Post-Communist Societies in Central and Eastern Europe and the Former Soviet Union: An Economic and Ecological Sustainability Perspective.' *European Environment* 18(3):168-85, June 2008. [ISSN: 0961-0405] [doi:10.1002/eet.480]

Barker, T, Scriciu, S S and Foxon, T 'Achieving the G8 50% target: modelling induced and accelerated technological change using the macro-econometric model E3MG.' *Climate Policy* 8(2) Special Issue Supplement: S30-S45, 2008. [ISSN:1469-3062]

Barker, T, Scriciu, S S, Stretton, S and Dagoumas, A *Response of 4CMR, Department of Land Economy, University of Cambridge to 'Shadow Secretariat – Committee on Climate Change (CCC): Call for evidence.'* Cambridge Centre for Climate Change Mitigation Research, Department of Land Economy, 2008.

Forthcoming publications

Dr Terry Barker

Barker, T, Junankar, S, Pollitt, H and Summerton, P 'The macroeconomic effects of unilateral environmental tax reforms in Europe, 1995-2012.' In "Innovation, Technology and Employment: Impacts of Environmental Fiscal Reforms and Other Market-Based Instruments", edited volume "Critical Issues in Environmental Taxation VOL VI", Oxford University Press (accepted).

Barker, T, Dagoumas, A and Rubin, J 'The macroeconomic rebound effect and the world economy.' *Energy Efficiency* (accepted).

Barker, T, De-Ramon, S and Pollitt, H 'Revenue recycling and labour markets: effects on costs of policies for sustainability' in Bosetti, V, Gerlagh, R and Schleicher, S (eds) *Modeling Transitions to Sustainable Development*. Edward Elgar.

Dr Robin Hankin

Two papers under review at *Journal of Statistical Software*.

Dr Yongfu Huang

Huang, Y 'The Political Economy of Financial Reform: Are Abiad and Mody Right?' *Journal of Applied Econometrics*.

Dr Șerban Scriciu

Scriciu, S S and Stringer, L C 'Agriculture, land reform and the environment in post-socialist

Romania.' *Agricultural Economics and Rural Development. Journal of the Romanian Academy.*

Barker, T, Scriciu, S S and Taylor, D 'Climate change, social justice and development.' Contribution to the special issue of *Development*.

Barker, T, Scriciu, S S, Stretton, S and Dagoumas, A *Response of 4CMR, Department of Land Economy, University of Cambridge to 'Shadow Secretariat – Committee on Climate Change (CCC): Call for evidence.'* Cambridge Centre for Climate Change Mitigation Research, Department of Land Economy, 2008.

Rural Business Unit

Review from Unit Manager, Mr Ben Lang

The Rural Business Unit (RBU) carries out the Farm Business Survey (FBS) in Eastern England. The FBS is a detailed survey of physical and financial information of a representative sample of farm businesses. The RBU makes the survey findings available through its Internet Publications and report *Crop Production in England*. The RBU also carries out work to compare the economics of arable crop production in countries around the world.

For 2008, the FBS addresses current policy issues with the introduction of two new modules of statistical data. The first explores Management Practices and will attempt to link the approach that farmers take to management of their businesses with the physical and financial performance achieved. The second considers Energy Use and will provide better information about the way that energy is used in agriculture.

In the first full year of operation of the Internet Reports launched in 2007, FBS farm business benchmarking and FBS databuilder, together with the FBS Government Office Region reports, received 11,600 visits from computer users.

For 2006/2007, we expanded our annual publication for the arable industry, *Crop Production in England*, to include comprehensive profit and loss information for arable enterprises. An increased number of organic farms in the FBS sample allowed publication of organic profit and loss and gross margin data. As far as we are aware, this is the first time that organic gross margin data has been made available to UK producers in an annual publication.

Working within Rural Business Research (RBR), the grouping of Universities and Colleges that carry out the FBS, we invested time in 2008 to plan our approach to a new contract for the FBS that will run from 2009.

The agribenchmark project examines the economics of cropping around the world. Our contribution to agribenchmark in 2008 involved preparation of UK data and co-editing of the Cash Crop report, as well as participation in the 2008 Cash Crop Conference in Saskatoon, Canada. The Rural Business Unit will host the 2009 Cash Crop Conference in Cambridgeshire.

In March, we contributed to the European Commission sponsored Eurocrop project to determine research gaps and priorities in farm economics and crop production costs.

In the spring of 2008, we welcomed research student Richard Baal to the RBU to collect information for his research into the economics of peas and beans.

Staff

Despite officially retiring in 2005, Bill Brooks continued work on the Farm Business Survey as a contractor until finally drawing this to an end in 2008. Bill is widely respected among the farming community in the East of England for his farming knowledge. As the longest serving FBS Research Officer, Bill has probably developed a detailed knowledge of the workings of more farm businesses than any other researcher.

Debbie Mansfield joined the Farm Business Survey team as a Research Officer. Debbie has a particular interest in arable production and is a qualified and experienced agronomist. Her skills will allow us to further build our reputation for informed analysis of the UK arable sector.

About the Unit

The Rural Business Unit within the Department of Land Economy is a leading UK centre in Agricultural and Horticultural Economics and undertakes a substantial programme of research for the Department for Environment, Food and Rural Affairs (DEFRA). This work involves the analysis of farm businesses and commodity enterprises in order to inform agricultural policy in Whitehall and Brussels and the evaluation of policy measures such as set-aside. Researchers in the unit also undertake research and produce publications on the food aid policy of the European Union, the effect of CAP income distribution and food security and the reform of the sugar regime. They also provide advice to the Select Committees and Government bodies.

Staff

Since 2006, Richard Allin has primarily been involved with co-ordinating activities within the Rural Business Research consortium on both a national and regional scale for the Government Office Regional reports. He has also been involved with the international agribenchmark cash crop report and on a more regional level with the Norfolk Rural Business Advice Service, Horticulture study.

Stephen Horsley works on the spreadsheets and databases, for processing, checking and query resolution, of FBS records, from Research Officers, through to DEFRA. In addition, investigating and applying the further use of databases, for the Farm Business Survey, and special projects that are assigned to the unit.

Ben Lang specialises in the economics of crop production and farm incomes with particular reference to the East of England. He is the manager of the Farm Business Survey commissioned by the Department for Environment, Food and Rural Affairs, London.

From 2003, Mark Reader has worked on externally funded research. This included projects for DEFRA, the HGCA, Environment Agency and Scottish Natural Heritage - as well as research publicised at the Agricultural Economics Society conference. Notable projects include a study of the "Farm level economic impacts of energy crop production" (DEFRA), on which Mark was lead author, and development work on the web-systems "FBS data builder" and "FBS benchmarking".

Farm Business Survey Research Officers:

Bill Brooks (Contractor)

Debbie Mansfield

Diana Dean

Elizabeth Clery

John Squirrell

Teresa Randall

Research

The Rural Business Unit has a number of advantages which places it in a unique position in undertaking research into the rural economy:

- It is located within the Environmental Economy and Policy (EEP) research group.
- Expertise in the Unit is diverse, including agricultural economics, policy analysis, farm business management and survey design. Colleagues in EEP are leaders in the field of agri-environmental economics.
- The RBU has over 70 years experience of survey work and holds data sets covering virtually every aspect of the Farm Business.
- The RBU has considerable experience of liaising with other Universities, research organisations, industry bodies, and commercial consultants.

Externally funded research projects

Farm Business Survey (East of England)

The Rural Business Unit carries out the Farm Business Survey in England within the Rural Business Research consortium of specialist University and College research units. The objective of the Farm Business Survey is to assess the economics of farming in the East of England. The project consists of detailed annual surveys of nearly 400 farms in the East of England and South Lincolnshire, and related data analysis and dissemination. The study provides a picture of farm incomes at the level of individual enterprises, across the full range of farm types. The results are published in a series of Internet Publications and Rural Business Research enterprise publications including *Crop Production in England*. FBS data is used for policy analysis within Defra as well as the EU. It forms part of the EU-wide 'Farm Accountancy Data Network' (FADN). The Unit responsible for this study compiles the results for all Government Office Regions in England. The FBS farm business benchmarking system allows comparison of the financial performance of your business to the performance of average and top performing farms of the same farm type. The system allows comparison of profit and loss account, gross margins, balance sheet and performance measures: www.farmbusinesssurvey.co.uk/benchmarking

Duration: 1920's onward - ongoing annually

Sponsor: Defra

Collaborators: Consortium of (academic) Farm Business Survey Providers.

Contact: Ben Lang

Rural Business Unit Consulting

The RBU offers consultancy services on rural economics to Government and Industry. The RBU consults on topics as diverse as CAP reform to changes in agricultural land use for various clients. These reports provide policy advice to inform the UK position in EU negotiations (eg the recent 'Mid-Term Review of the Common Agricultural Policy' and 'Reform of the EU Sugar Regime'). Other studies have, for example, been on the economics of producing specific agricultural products, for example cereals, pigs or salads.

Duration: 1920's – ongoing

Sponsor: DEFRA, Environment Agency, Home Grown Cereals Authority & others

Collaborators: Various (Royal Agricultural College, Scottish Agricultural College, University of Reading, University of Newcastle upon Tyne).

Contact: Ben Lang

Other recent and ongoing research projects include:

- Norfolk Horticultural Skills Gaps analysis, Norfolk Rural Business Advice Service and Norfolk County Council, 2007-2008.
- Agribenchmark.
- Prospects and opportunities for rural land management on The Crown Estate.

Annual Publications

Lang, B *Farm Business Survey 2006/2007, Crop Production in England*. Department of Land Economy, University of Cambridge.

Farm Business Survey, reports (www.farmbusinesssurvey.co.uk).

FBS data builder is a specialist interactive system for professionals and researchers allowing interrogation of FBS data (www.farmbusinesssurvey.co.uk/databuilder).

The FBS farm business benchmarking system allows comparison of the financial performance of your business to the performance of average and top performing farms of the same farm type. The system allows comparison of profit and loss account, gross margins, balance sheet and performance measure (www.farmbusinesssurvey.co.uk/benchmarking).

Farm Business Survey Government Office Region Reports - 2006/07 (www.farmbusinesssurvey.co.uk/regional).

Members

Mr Richard Allin

Research Assistant

Mrs Elizabeth Clery

Farm Business Survey Research Officer

Mrs Diana Dean

Farm Business Survey Research Officer

Mr Stephen Horsley

Database Administrator

Mr Ben Lang

Senior Research Associate and Acting Unit Manager

Dr Debbie Mansfield

Farm Business Survey Research Officer

Mrs Joy Meyrick

Unit Secretary

Mrs Teresa Randall

Farm Business Survey Research Officer

Mr Mark Reader

Research Assistant

Mr John Squirrell

Farm Business Survey Research Officer

Publications

Mr Richard Allin

Norfolk Horticultural Skills Gaps Analysis, Norfolk Rural Business Advice Service and Norfolk County Council, 2007-2008.

PEPSICO New Products – Agro, Research involved selected food products on a global scale, identifying the main global producers, crop requirements, technical issues, regulations and global brands.

Farm Business Survey Government Office Region Reports - 2006/07
(www.farmbusinesssurvey.co.uk/regional).

Mr Ben Lang

Lang, B *Farm Business Survey 2006/2007, Crop Production in England*. Department of Land Economy, University of Cambridge.

EUROCROP: Report of the Working Group 3.2 on Farm Economics and Production Costs.

Hodge, I, Lang, B, Nicholls, D, Reader, M and Wreford, A *Prospects and opportunities for rural land management on The Crown Estate - Draft Report*, September 2008.

Mr Mark Reader

Hodge, I, Lang, B, Nicholls, D, Reader, M and Wreford, A *Prospects and opportunities for rural land management on The Crown Estate - Draft Report*, September 2008.

Reader, M 'Trust in People is Influenced by Occupation of Respondent – An Exploratory Analysis.' Poster presentation at the "ESDS International Annual Conference 2008: - The Changing World." London: ESDS, December 2008.

Hodge, I and Reader, M 'The introduction of Entry Level Stewardship in England: extension or dilution?' *Land Use Policy* (in press).

Real Estate and Urban Analysis research group

About the Group

The Real Estate and Urban Analysis research group (REUA) focuses on the application of social science disciplines for the study of resource allocation as applied to land, real estate, urban and regional economies and public policy. Research ranges from real estate finance, where the focus is primarily on private sector investment and valuation of individual properties, through the development of land, properties and urban areas, to the broader questions of the planning system, spatial geography and the macro-economic environment.

There are two research centres within the Group: Cambridge Centre for Housing and Planning Research (CCHPR) and Cambridge Centre for Economic and Public Policy (CCEPP).

Research

Real estate finance

The Group committed to the integration of theory and practice in real estate finance and investment. We undertake fundamental research into real estate asset pricing and risk analysis that is relevant to the commercial real estate industry, banks and institutional investors. The Group actively seeks to build links with researchers in commercial real estate industry in the UK, Europe, USA and the Far East.

The principal research interests of the Group include:

- mortgage finance, securitisation of commercial loan portfolios;
- credit risk analysis and pricing credit risk derivatives;
- performance evaluation of securitised and non-securitised real estate portfolio construction and downside risk analysis;
- asset pricing and valuation, application of real option models in commercial real estate development, management & investment;
- property taxation and urban land development.

Urban and regional analysis

The Urban and Regional Analysis Group is the focal point in Cambridge for regional economics, forming a dynamic internationally recognised cluster of expertise in regional analysis, quantitative and theoretical economic geography, spatial econometrics and urban and regional policy evaluation. The work of the group is largely concerned with issues of regional and spatial inequality and development, ranging from Europe-wide differences in regional development and the prospects for convergence of Europe's regional economies, with implications for social cohesion, to the regeneration of Britain's inner cities, and the dynamics and development of high technology clusters.

It provides academic and intellectual leadership both in the UK and internationally, with active participation to a high level in all forms of academic dissemination and discourse relating to theoretical developments, methodological debates and policy options. As an indication it provided the basis for the editorial board of the leading journal *Regional Studies* between 2003-2005. More

recently it has become the home for the journal of *Spatial Economic Analysis*. It is also central to the formation and launch of the *Cambridge Journal of Regions, Economy and Society* which is the first journal to publish leading edge themed regional and economic research for an international audience into the regional dimensions of contemporary socio-economic-political change.

The Group's interests in theoretical innovation grounded in solid empirical analysis, often with a significant policy emphasis, attracts considerable funding from national and international bodies such as the Department of Communities and Local Government, The European Commission, The Rowntree Trust and the OECD.

Typical of the Group's work is theoretical and applied analysis of the determinants of international economic growth disparities, local high technology clusters and the role of small and medium enterprises in generating dynamic local economic growth, and the dynamics of the EU regional economies.

A particular strength of the Group has been applied research into the dynamics of urban and regional change with a strong interest in policy.

Property law

Members of REUA also make a significant contribution in various areas of property law. The Group includes expertise in tort and contract law, private law theory, property and constitutional law, especially on tribal claims in Commonwealth countries, land law and registration, the law of mortgages and the law of co-ownership.

Members

Dr Jamie Alcock
University Lecturer

Professor Philip Allmendinger
Professor of Land Economy

Dr Helen Xiohou Bao
University Lecturer

Ms Angela Brennan
Research Associate

Dr Martin Dixon
University Reader

Professor Harry Garretsen
Senior Visiting Fellow

Mrs Moira Gardiner
Affiliated Lecturer

Professor Gerwyn Griffiths

Senior Visiting Fellow

Mr Kelvin MacDonald

Affiliated Lecturer

Dr Paul McHugh

University Reader

Mr Jonathan Morgan

University Lecturer

Ms Jill Morgan

Affiliated Lecturer

Dr Nicky Morrison

University Lecturer

Dr Kanak Patel

University Lecturer

Dr William Seabrooke

Director, Cambridge International Land Institute

Dr Elisabete Silva

University Lecturer

Professor Pete Tyler

University Professor

Real Estate Advisory Group

The Department has benefited greatly in designing the MPhil in Real Estate Finance and maintaining industry linkages from advice provided by members of the Real Estate Finance Advisory Group. Membership of the group is comprised of high level executives within the commercial property industry who provide a central focus to the Department's interaction with the commercial property industry. In September 2008 membership of the group included:

Mr Chris Bartram, Orchard Street Investment Management LLP.

Mr Douglas Blausten, Cyril Leonard & Co.

Mr James Buxton, Bidwells Property Consultants.

Mr Alec Emmott, Europroperty Consulting.

Ms Emma Fletcher, Cambridge University Land Society.

Mr Gary Garrabrant, Equity International.

Mr David Higgins, Olympic Delivery Authority.

Ms Anne Kavanagh, Cambridge Place Investment Management.

Mr Ian Marcus, Credit Suisse.

Mr Ian Mashiter, Glaven Land Limited.

Mr Paul Marcuse, UBS Global Asset Management Ltd.

Mr Ton Meijer, Meyer Bergman.

Mr Rupert Nabarro, Investment Property Databank.
Mr Jeremy Newsum, Grosvenor.
Dr Seek Ngee Huat, GIC Real Estate PTE Ltd.
Mr Gerald Parkes, Lehman Brothers.
Mr Luis Pereda, Grupo Lar.
Mr Robert Peto, DTZ Debenham Tie Leung.
Mr Ghaith Shocair, Kingdom Hotel Investments.
Mr Christophe Tanghe, ING Real Estate Capital Advisors.
Mr Shuji Tomikawa, Solution Services Department, Mitsui Fudosan Co Ltd.
Mr Jon Zehner, JP Morgan.

Member externally funded research projects

Dr Jamie Alcock

Australian Research Council Linkage Grant 'Managing Asymmetry in a Modern Investment Portfolio.' 2008-2010, approx 210,000 GBP, Tim Brailsford, Jamie Alcock, Stephen Gray, Brian Parmenter and Michael Malakellis.

Dr Helen Bao

Principal Investigator: "Semi-parametric Modelling of Sample Selection Bias in Real Estate Price Indices", Investment Property Forum Education Trust, £2,500, 2007-2008.

Collaborator: "Urban Land and Residential Housing Markets in Post Reform China: the characteristics, outcomes and hidden problems of fast urbanization process", Academic Research Fund, National University of Singapore, S\$177,370 (approximately £70,000), 2007 - 2010.

Dr Elisabete A Silva

Urban revitalization in traditional neighbourhoods in Chinese cities, January – September 2008, Reference number 366. The Royal Institution of Chartered Surveyors (RICS) Education Trust.
Coordination/PI: Elisabete A Silva.

Professor Pete Tyler

Analysis of Postcode-based Income Estimates and a Feasibility Study of Using Linked Datasets to Evaluate Area-Based Initiatives. Department for Work and Pensions, 2008.

An Investigation of the Incidence of National Non Domestic Rates in the UK Commercial Property Market, 2008.

Assessing the Additionality of Economic Regeneration Policy, BERR, 2008.

Evaluation of the Opportunities Fund (ESF and Non-ESF) for London Development Agency, 2008.

National Evaluation of Participatory Budgeting in England, CLG, 2008-present.

New Deal for Communities: Issues Around Value For Money. Communities and Local Government, 2008.

Neighbourhood Management Pathfinders, Communities and Local Government, 2008.

The Relationship between National Non-Domestic Rates and Rents on Commercial Property: Empirical Evidence from Enterprise Zones, HM Treasury, 2008.

Review of Barcelona Activa, Barcelona, OECD LEED Programme, 2008.

Review of Belfast City Economic Development. OECD LEED Programme. Local Economic Strategy Series, 2008.

Scoping Study of the Working Neighbourhoods Fund, CLG, 2008.

The "Ward Penalty in Birmingham", Barrow Cadbury Trust, 2008.

Conference papers and presentations

Dr Jamie Alcock

'Debt covenants, agency costs and debt maturity' (with Finn, F and Tan, J K); 'Nonparametric pricing of American S&P100 options' (with Auerswald, D); 'The price of asymmetric dependence' (with Hatherley, A), 21st Australasian Banking and Finance Conference, 2008.

'Nonparametric pricing of American S&P100 options' (with Auerswald, D), Melbourne Derivatives Research Group Conference, 2008.

'Asymmetric Dependence – What is it and is it important?' University of Oldenburg, Germany, June 2008. Also presented at Aareal Bank Experts Day, May 2008.

Professor Philip Allmendinger

'Soft spaces, fuzzy boundaries and metagovernance: the new spatial planning in the Thames Gateway.' (with Haughton, G) Unmaking England?: Policy and Infrastructure in the Production of New State Spaces Seminar, University of Salford, September 2008.

'Housing Supply and Planning Delay in the South of England.' (with Ball, M, and Hughes, C) European Real Estate Society, Krakow, June 2008.

Dr Helen Bao

'Measuring REITs Liquidity in Hong Kong: A Market-Microstructure Analysis' (with Zhou, S Z) Asian Real Estate Society Annual Conference, Shanghai, China, 2008.

'Government policies and the household housing choice satisfactions across four housing tenures: evidence from Hong Kong.' (with Tu, Y) Asian Real Estate Society Annual Conference, Shanghai, China, 2008.

'Sample Selection Bias in Residential Property Price Indices' (with Glascock, J) Asian Real Estate Society Annual Conference, Shanghai, China, 2008.

'Planning regulation and land price in China: the case of Shanghai' (with Zhou, S Z) Asian Real Estate Society Annual Conference, Shanghai, China, 2008.

Dr Martin Dixon

Biennial Conference on Property Law, Queens' College, Cambridge, 2008.

Dr Paul McHugh

'A Parallel Jurisprudence: Aboriginal rights and actions against the Crown.' The Common Law, the Royal Prerogative and Executive Legislation, University of Cambridge Faculty of Law symposium on the Chagos Islands litigation, Saturday 19 January 2008.

'The modern history of common law aboriginal title: a biography of property rights.' Paper presented to the Biannual Property Law Conference, Queens' College, Cambridge 3 April 2008 (Publication forthcoming in collection of essays, Hart Legal Publishing).

'Histories (and Historians) of Antipodean Sovereignities.' A public lecture at Macquarie University, Sydney, Australia, 4 June 2008.

'Careful and Careless Sovereignities.' Keynote address at the New Sovereignities Conference, University of Melbourne, 7 June 2008.

'Atonement as a juridical process: the jurisprudence of aboriginal rights.' A paper presented to Colonialism, Slavery, Reparations and Trade: Remediating the Past? Conference held on 10 November 2008 at the Brunei Gallery, School of Oriental and African Studies (SOAS), London. Organised by Essex University School of Law Human Rights Centre and the Centre for the Study of Colonialism, Empire and International Law SOAS.

Dr Nicky Morrison

'Promoting mixed income communities: the English experience.' Association of European Schools of Planning, AESOP, Chicago, USA, July 2008.

'Career and & personal development.' Guest speaker University of Cambridge Women's Spring Forward Programme, May 2008.

'Promoting mixed communities through balanced lettings and asset management.' (with Jones, M) Planning Research Conference, Belfast, March 2008.

'Master planning Eastfield, Chesterton.' With Bidwells & Hundred Housing Society, Cambridge, January 2009.

Dr Kanak Patel

'Techniques for Structuring & Financing Real Estate.' Al Rajhi Bank, Riyadh, December 2008.

'Managing Construction Finance Risk.' First City Monument Bank, Lagos, September 2008.

Asian Real Estate Society, Special Panel on Mortgage Markets after the Subprime, Shanghai, July 2008.

Asian Real Estate Society, 10th Annual International Conference, REITs Risk Premium & Discount to NAV: Too Low? Too High?, Shanghai, July 2008.

'Innovations in Real Estate Finance.' UniCredit – Bayerische Hypo-und Vereinsbank, Top Glory International, Radian Insurance Inc., Hong Kong, July 2008.

Organised: Cambridge-Amsterdam-UNCC Charlotte Special Panel on Subprime Crisis: Implications for Risk Management in European Real Estate Markets, Amsterdam, June 2008.

Organised: Cambridge-Amsterdam-UNCC Charlotte Symposium on Real Estate Risk Management, University of Amsterdam Business School (Finance Group), Amsterdam, June 2008.

'Real Estate Finance: Structuring & Evaluation.' Československá Obchodní Banka, a. s., Prague, June 2008.

'Commercial Real Estate Finance Risk Management.' Arab Bank, Dubai, June 2008.

'Commercial Real Estate Finance & Valuation.' Zenith Bank, Lagos, May 2008.

'Advances in real estate risk modelling: Value creation, contractual structures.' ICICI Bank Ltd., JP Morgan India Pvt. Ltd., L&T Infrastructure Development Projects Ltd., Mumbai, December 2007.

Dr Elisabete A Silva

'The Portuguese Health Regulatory System and its Regional Health Plans: the stakeholders involvement in the planning process of the Alentejo Regional Health Plan.' 3rd Annual Cambridge Regulation, Inspection and Improvement Conference "Sharing the Regulatory Burden: Changing Configurations in the Regulation of Health and Social Care". Session 3b: Coordinating for improvement: the regulation of health & social care. Homerton College (Ibberson Building), University of Cambridge, 18 November 2008.

'Artificial Intelligence solutions for urban land dynamics: towards a new phase in systems evolution.' (with Wu, N) VIIth AESOP WORKSHOP Thematic Group on PLANNING AND COMPLEXITY, Department of Planning & Regional Development, the University of Thessaloniki, Greece, 16-18 October 2008.

'Waves of complexity: theory models and practice'. ACSP-AESOP 4th Joint Congress 6-11 July 2008 in Chicago, Illinois, USA.

'Spatially explicit Convergence and Divergence in the urban realm at the European scale.' 5th International Conference Developments in Economic Theory and Policy, Bilbao, July 10-11 2008.

'Spatially explicit Convergence and Divergence in the urban realm at the European scale.' Seminar of Money Macro Finance Research Group (MMF) and Centre for International Macroeconomics and Finance (CIMF). Title: European Convergence. Winstanley Lecture Theatre, Trinity College, Cambridge, 16 May 2008.

Professor Pete Tyler

'Building Evaluation Capacity.' OECD LEED programme and the Ministry of Regional Development of Poland Krakow, 2008.

'European City-Regions as Motors of Innovation.' Munich, 2008.

'Review of Belfast City.' State of the City Conference. Belfast. 2008.

'Using Data to Improve Services at the Local Area Level: Key Lessons from the National Evaluation of Neighbourhood Management.' Communities and Local Government, 2008.

Publications

Dr Jamie Alcock

Alcock, J and Carmichael, T 'Nonparametric American option pricing.' *The Journal of Futures Markets* 28(8): 717-48, August 2008. [doi: 10.1002/fut.20335]

Alcock, J, Cockcroft, S and Finn, F 'Quantifying the advantage of secondary mathematics study for accounting and finance undergraduates.' *Accounting and Finance* 48(5): 697-718, December 2008. [ISSN: 0810-5391] [doi: 10.1111/j.1467-629x.2008.00261.x]

Professor Philip Allmendinger

Haughton, G and Allmendinger, P 'The Soft Spaces of Local Economic Development.' *Local Economy* 23(2): 138-48, May 2008. [ISSN: 0269-0942] [doi: 10.1080/02690940801976216]

Dr Helen Bao

Bao, H and Sweeney, P D 'Hedonic Valuation of Schooling in UK: The Case of Hertford Town.' *Journal of Real Estate Practice and Education* 11(1): 75-94, 2008.

Bao, H and Zhou, S Z 'The Land Market in Hong Kong: Price Index and the Relationship with the Property Market.' *Journal of Real Estate Practice and Education* 11(2): 187-204, 2008.

Dr Martin Dixon

Dixon, M *Modern Land Law (sixth edition)*. Cavendish Routledge, 512pp, 2008. [ISBN: 9780415458443]

Dixon, M, Harpum, C H and Bridge, S N *Megarry & Wade: Law of Real Property (seventh edition)*. Sweet & Maxwell, 2008. [ISBN: 9780421841000]

Dixon, M et al *Ruoff & Roper, Law of Registered Conveyancing*. Release, 39, 40 & 41.

Dixon, M [2008] *Conveyancer & Property Lawyer*, Editorial Issue 1, 2, 3, 4, 5, 6.

Dr Paul McHugh

McHugh, P 'Sir John Salmond and the moral agency of the state' (2007) 38 *Victoria University of Wellington Law Review* 743-70.

McHugh, P "'Treaty Principles": Constitutional relations inside a conservative jurisprudence' (2007) 39 *Victoria University of Wellington Law Review* 39-72 (Memorial edition for the late Lord Robin Cooke of Thorndon).

McHugh, P 'Native Title' entry in *The New Oxford Companion to Law* (Oxford: Oxford University Press, 2008) at 820-1.

McHugh, P 'A History of the Modern Jurisprudence of Aboriginal Rights - Some Observations on the Journey so Far.' In Dyzenhaus, D, Hunt, M and Huscroft, G (eds) *A Simple Common Lawyer: Essays in Honour of Michael Taggart* (Oxford: Hart Publishing, 2009) at 209-232.

Mr Jonathan Morgan

Matthews, M, Morgan, J and O'Conneide, C *Hepple and Matthews' Tort: Cases and Materials*. 6th edition, Oxford University Press, 1232pp, 2008. [ISBN: 9780199203840]

Morgan, J 'Against judicial review of discretionary contractual powers.' [2008] LMCLQ 230.

Dr Nicky Morrison

Holt-Jensen, A and Morrison, N 'Northern Europe – between the East and West.' pp 1-6 in Holt-Jensen, A (ed) *Urban Sustainability and governance: new challenges in Nordic-Baltic Housing Policies*. NOVA Ltd, New York, 2008.

Morrison, N, Holt-Jensen, A and Julegina, A 'The Nordic-Baltic housing policies seen in a broader international perspective.' pp 161-170 in Holt-Jensen, A (ed) *Urban Sustainability and governance: new challenges in Nordic-Baltic Housing Policies*. NOVA Ltd, New York, 2008.

Morrison, N 'The English case.' pp 50-70 in Droste, C (ed) *Cost effective and quality conscious development of existing housing – a European comparative study*. German Office for Building and Spatial Structure BBR-Online-publication, NR15/2008, 2008.

Dr Kanak Patel

Patel, K 'Jury Report, EPRA Award for Best Annual Report.' European Public Real Estate Association, September 2008.

Patel, K and Buttmer, R 'Real Estate Risk Management and Property Derivatives Editors' Introduction.' Cambridge-UNC Charlotte Symposium, published online: 24 June 2008.

Patel, K, Paxson, D A and Pereira, R 'REITs Risk Premium & Discount to NAV: Too Low? Too High?' Working Paper, June 2008.

Dr Elisabete A Silva

Martinez, L M, Viegas, J M and Silva, E A 'Modifiable Areal Unit Problem Effects on Traffic Analysis Zones Delineation.' *Environment and Planning B: Planning and Design*, online publication 2008, print 2009. [ISSN: 1472-3417 (electronic)] [ISSN: 0265-8135 (print)] [doi:10.1068/b34033]

Silva, E A, Wileden, J and Ahern, J 'Strategies For Landscape Ecology In Metropolitan Planning: Applications Using Cellular Automata Models.' *Progress in Planning* 70(4): 133-77, November 2008. [ISSN: 0305-9006] [doi: 10.1016/j.progress.2008.05.002]

'Urban revitalization in traditional neighbourhoods in Chinese cities.' RICS Education Trust application. Reference number 366. *Coordination/PI*: Elisabete A. Silva

Professor Pete Tyler

Tyler, P, Glasmeier, A, Martin, R and Dorling, D 'Poverty and Place in the UK and the USA.' *Cambridge Journal of Regions, Economy and Society* 1(1): 1-16, April 2008. [ISSN: 1752-1378] [doi:10.1093/cjres/rsn004]

Tyler, P, Bond, S and Gardiner, B 'The Relationship between National Non-Domestic Rates and Rents on Commercial Property: Empirical Evidence from Enterprise Zones.' *HM Treasury Research Series: Report 42*, 97pp, February 2008.

Tyler, P *Analysis of Postcode-based Income Estimates to evaluate Area-Based Initiatives*. Department for Work and Pensions, 2008.

Tyler, P *The "Ward Penalty in Birmingham"*. Barrow Cadbury Trust, 2008.

Tyler, P *Impact Evaluation of Non-ESF Opportunities Programme Round One*. London Development Agency, 2008.

Tyler, P *Impact Evaluation of ESF Opportunities Programme Round One*. London Development Agency, 2008.

Tyler, P with Brennan, A and Warnock, C *Measuring Public Services at a Neighbourhood Level: Lessons and Challenges*. Communities and Local Government, 2008.

Tyler, P with Brennan, A and Warnock, C *Measuring and Valuing Public Services at the Neighbourhood*. Communities and Local Government, 2008.

Neighbourhood Management Pathfinders. Final Evaluation Report: People, Places, Public Services: Making the Connections (Final Report of the whole evaluation team). Communities and Local Government, 2008.

Tyler, P *The NDC Programme: Expenditure and Outputs*. Communities and Local Government, 2008.

Tyler, P *Using Data to Improve Services: A Toolkit for Neighbourhood Management Initiatives*. Communities and Local Government, 2008.

Gardiner, B, Martin, R and Tyler, P *Spatial Agglomeration and National growth Across Europe: Is there a trade-off?* 2008.

Gardiner, B, Kitson, M, Martin, R and Tyler, P *New Evidence on the Geography of Income Poverty in England*. 2008.

Bond, S, Gardiner, B and Tyler, P *The Impact of Tax Incentives on Local Real Estate Markets: the Question of Incidence*. 2008.

Tyler, P *Turning areas around: the end of the area based initiative?* 2008.

Forthcoming publications

Dr Jamie Alcock

Alcock, J and Hatherley, A 'Asymmetric dependence between domestic equity indices and its effect on portfolio construction.' *The Australian Actuarial Journal* (forthcoming).

Alcock, J, Mollee, T and Wood, J 'The price of earnings for firms with volatile earnings growth.' *Quantitative Finance* (under review).

Alcock, J, Finn, F and Tan J K 'Debt covenants, agency costs and debt maturity.'

Alcock, J, Finn, F and Tan J K 'Determinants of corporate debt maturity.'

Alcock, J and Auerswald, D 'Nonparametric pricing of American S&P100 options.'

Alcock, J and Hatherley, A 'The price of asymmetric dependence.'

Alcock, J and Cockcroft, S 'The relationship between culture and information privacy legislation.'

Alcock, J, Gray, S and Mollee, T 'A new stochastic earnings model of firm value.'

Professor Philip Allmendinger

Allmendinger, P and Haughton, G 'Soft spaces, fuzzy boundaries and metagovernance: the new spatial planning in the Thames Gateway.' *Environment and Planning A* (accepted and awaiting publication).

Allmendinger, P and Ball, M 'Explaining the Paradox of Performance Improvements and Delay in Development Control.' *Urban Design and Planning* (accepted and awaiting publication).

Ball, M, Allmendinger, P and Hughes, C 'Housing Supply and Planning delay in the South of England.' *European Journal of Housing Policy* (accepted and awaiting publication).

Allmendinger, P and Tewdwr-Jones, M 'Planning Plural: New Labour's Role for Planning in

Complex Times.' *Planning Practice and Research* (accepted and awaiting publication).

Haughton, G, Allmendinger, P, Counsell, D and Vigar, G *Integrated Spatial Planning, Devolution and Governance in the British Isles*. Routledge, 2009.

Allmendinger, P *Planning Theory (2nd Edition)*. Palgrave, 2009.

Dr Helen Bao

Bao, H and Tu, Y 'Property Rights and Housing Value: the Impacts of Political Instability.' *Real Estate Economics* (accepted).

Bao, H, Glascock, J L, Feng, L and Liu, Y 'A Hedonic Analysis of the Effects of Transport Accessibility on Flat Prices in Hong Kong.' (under review).

Bao, H, Glascock, J L, Feng, L and Fan, L 'Inflation Hedging Characteristics of Real Estate Assets in Hong Kong.' (under review)

Bao, H, Glascock, J L and Zhou, S Z 'Land Value Determination in an Emerging Market: Empirical Evidence from China.' (under review)

Bao, H and Zhou, S Z 'Modelling Price Dynamics in the Hong Kong Property Market' (under review).

Dr Nicky Morrison

Morrison, N 'Key worker housing: an international perspective' in *The International Encyclopaedia of Housing and Home*, May 2009.

Morrison, N & Allmendinger, P 'Managing Growth through Strategic Spatial Planning.' *Planning Practice and Research* (Special Issue 2009).

Morrison, N 'Securing key worker housing through the planning system' *Housing Studies* (submitted).

Morrison, N 'Promoting mixed income communities: the English experience'.

Morrison, N and Droste, C (eds) 'Private sector housing renewal – a European comparative study' *Progress in Planning* (to be submitted).

Dr Elisabete A Silva

Souza, S and Silva, E A 'Developmental perspectives of seemingly opposing land reform views: an unplanned gap in the literature.' *Regional Studies*.

de Roo, G and Silva, E A (eds) *A Planners Meeting with Complexity*. Ashgate.

Silva, E A 'Waves of complexity. Theory, models, and practice.' Chapter in de Roo G and Silva, E A (eds) *A Planners Meeting with Complexity*. Ashgate.

Silva, E A 'Complexity and CA, and application to metropolitan areas.' Chapter in de Roo, G and Silva, E A (eds) *A Planners Meeting with Complexity*. Ashgate.

Silva, E A, Wu, N and Song, N 'Urban revitalization in traditional neighbourhoods in Chinese cities.' RICS report.

Silva, E A, Song, N and Wu, N 'Urban revitalization in Shanghai and Beijing.' (under review).

Wu, N and Silva, E A 'Towards a classification of complex systems models in planning.' (under review).

Silva, E A 'Expert Knowledge in Planning: the Role of Information in Workshops, Scenario Building, Simulation Modelling, and Decision-Making.' (under review).

Silva, E A 'Explicit Convergence and Divergence in the urban realm at the European scale.' (under review).

Thompson, P and Silva, E A 'An analysis of the effects of the US sub-prime lending market crisis on planning policy in the UK.' *Urban Studies* (under review).

Deng, X and Silva, E 'Property Profitability Optimization in Shamian Historical Site Guangzhou China.' *Housing Studies* (under review).

Other activities

Dr Jamie Alcock

- Refereeing: *Accounting and Finance*; *Quantitative Finance*.
- Discussant at: European Winter Finance Conference, 2008; 2008 Melbourne Derivatives Research Group Conference; 21st Australasian Banking and Finance Conference 2008.
- Member of American Finance Association; Institute of Actuaries Australia.

Professor Philip Allmendinger

- ESRC Research Grants Board.
- CLG Housing and Planning Expert Committee.

Ms Angela Brennan

- Editorial: *Cambridge Journal of Regions, Economy and Society*. Involved with Prof Peter Tyler as part of the Editorial Board for the *Cambridge Journal of Regions, Economy and Society*. This new Journal launched in 2008 and is published by Oxford University Press. Other members of the Editorial Board include Prof Ron Martin, Dr Mia Gray and Mr Michael Kitson from the University of Cambridge, Prof Susan Christopherson (Cornell University), Prof Betsy Donald (Queens University), Prof Harry Garretsen (University of Groningen), Prof Meric Gertler (University of Toronto), Prof Amy Glasmeier (MIT), Prof Linda Lobao (Ohio State University), Prof Linda McDowell and Prof Jonathan Michie both from the University of Oxford.

Dr Nicky Morrison

- Chair of the "Housing, growth and regeneration" Congress Track of the Association of European School of Planning (AESOP).
- Board member of Cambridge City Centre Partnership Ltd.
- Panel member of Joint Cambridgeshire Regional Spatial Strategy Review (CRSSP).

- Board member of a Cambridge-based Housing Association and Vice Chair of its Development committee.
- Board member Chesterton Community Association.
- Vice chair of a Resident Association.

Dr Elisabete A Silva

- Since 2009 – Open Educational Resources Reviewer (OER reviewer). The Higher Education Academy, UK.
- Since 2007 – Member of the AESOP “Best Paper Price Committee” (reviews and awards one best published paper among 48 international peer review journals).
- Since 2004 – Independent Expert Evaluator of the European Commission.
- Since 2001 – Reviewer of the following Journals: *European Planning Studies, Environment and Planning A & B, Landscape Ecology, Planning Theory & Practice, Planning Theory, Planning and Urban Design, Landscape and Urban Planning; Tsinghua Science and Technology Journal.*
- Member of the following associations: Regional Studies Association (RSA, since 2004), Association of European Schools of Planning (AESOP, since 2004), Town and Country Planning Association (TCPA).
- Application for RICS & RTPI membership (in progress).

Professor Pete Tyler

Professor Pete Tyler is an urban and regional economist who undertakes research for the public and private sector, working mainly in policy evaluation. He has been a project director on over 70 major projects for HM Government. He is currently undertaking an Evaluation Scoping Study of the Working Neighbourhoods Fund for the Department of Communities and Local Government, an assessment of additionality in project appraisal for the Department for Business, Enterprise and Regulatory Reform and the National evaluation of the New Deal for Communities, with a specific focus on Value For Money issues. He is an Academician of the Learned Society for Social Sciences, a Master of the Royal Town Planning Institute, International Advisor to the OECD, Expert Advisor to the Communities and Local Government, HM Treasury and the Government Office for the Eastern Region and a member of the National Evaluation of Sure Start panel. He is currently an editor of a new Journal entitled the *Cambridge Journal of Regions, Economy and Society* published by Oxford University Press.

Cambridge Centre for Economic and Public Policy

Review from the Director, Dr John McCombie

The focus of the Centre is on the study of the relationship between economic and public policy within the main areas upon which the Department focuses, namely, real estate, land and the environment. The phenomena studied have direct implications for the spatial distribution of economic activity, the prices of real estate and housing and returns on investments on different asset classes in different locations.

The Centre is developing a major focus on finance and growth, as well as development, where a current research interest relates closely to the question of whether financial structure matters, both across markets and countries. This should be interpreted in its wider sense that includes developed and developing countries as well as regional and spatial issues. Finance together with the role, conduct and impact of monetary policy at the regional, national and international level, as well as housing finance, and the influence upon it by policy, are also central to the CCEPP's work. In this sense, monetary policy at both the national and the European level as well as related fiscal policy issues are studied and compared. The emphasis here is on current monetary policy, where research has focused on assessing what has come to be known as Inflation Targeting Strategy and the related theme of Central Bank Independence. Alongside these concerns work has included renewed interest on fiscal policy. Another major area of study is the question of convergence/divergence in the European Union (EU) regions and the implications of the single currency for economic growth. Still a new area of interest is inequality in Latin America. In all these major areas of study an additional aim is to understand the causal forces underlying spatial processes in the UK and the EU, as well as to draw policy relevant conclusions. In terms of the latter focus, Spatial Econometric techniques have been employed very effectively.

The research of the Centre relates to other research groups and centres in the Department. The more spatially orientated research of the Centre ties in closely with the research of the Real Estate and Urban Analysis research group. The work on housing finance and policy has links with research undertaken by the Cambridge Centre for Housing and Planning Research. CCEPP also has strong research links with the Environmental Economy and Policy research group. The CCEPP links closely with the work of the Cambridge Centre for Climate Change Mitigation. The closed link here emanates from the common methodological approach to quantitative research pursued by the two centres. An area of research that is developed by CCEPP relates to the role of finance in the understanding of economic growth and in the conduct, as well operation and impact, of monetary policy. This enhances further the link between this Centre and the Real Estate and Urban Analysis research group within the Department.

Philip Arestis has been graded amongst the top 2% (out of a total of 10,305 economists) in Europe, which of course includes the UK (where he is 48th out of 1900 economists). This grading is undertaken by the well-known and respected rating institution RePEc (Research Papers in Economics).

Research

Details of the research output of members of the Centre during 2008 are listed under their individual names. Current research within CCEPP focuses on the following issues:

- The question of whether financial structure matters to growth and development.
- The impact of monetary and fiscal policy at the national, regional and international levels.
- Assessment of Inflation Targeting strategies.
- The relationships between finance, capital flows and growth/development - the role of credit in today's economies.
- Regional growth theory and the development of a post-Kaldorian approach and a critical analysis of the neoclassical approach to modelling economic growth.
- Increasing returns and regional economic growth; EU convergence and Structural Funds.
- Macroeconomic developments in the USA, Europe and Japan.
- International trade issues with respect to regional and national economic growth.
- Wage and unemployment relationships in the European Union.
- The role of 'economic policy reforms' at both the theoretical and empirical levels with special attention to the emerging markets.
- Distributional issues of income and wealth in the UK.
- Current financial crisis and regulatory implications.
- Inequality Adjusted Growth Rates in Latin America.

Conferences

The Centre organised three major conferences in 2008. They were as follows:

The Centre co-organised the 5th International Conference entitled *Developments in Economic Theory and Policy, Institutions and European Integration*, Bilbao, Spain, 10-11 July 2008.

The Centre organised a joint Money, Macro and Finance (MMF) Research Group and Centre for International Macroeconomics and Finance (CIMF, Faculty of Economics, University of Cambridge) workshop on *European Convergence*, Trinity College, Cambridge, 16 May 2008.

The Centre organised two sessions on Efficiency, Financial Innovation, Poverty and Income Distribution at the annual Allied Social Science Association meetings, New Orleans, 4-6 January 2008.

Visitors

The Centre has had several visitors from a number of Universities around the world. Dr César Rodrigues Van Der Laan, Central Bank of Brazil; Professor Marco Crocco, Cedeplar, UFMG, Belo Horizonte, Brazil; Professor Rodrigo Simões, Cedeplar, UFMG, Belo Horizonte, Brazil, Professor Athanasios Skouras, Athens School of Economics; Jesus Paul Gutierrez, San Pablo – CEU University, Madrid, Spain. Professor Mirko Bevilacqua, University of Cassino, Italy; Professor Nitinant Wisawaisuan Faculty of Economics, Thammasat University, Thailand (Nitinant studied for her PhD in Land Economy).

PhD Students

Members of the Centre supervise three PhD students at the moment. Carolina Butler researches on Industry, International Trade and Growth in the Brazilian Economy; Anderson Cavalcante works on Regional Financial Development and Growth in Brazil; and Gabor Pinter on aspects of Inflation Targeting.

Personnel Changes

Dr Alvaro Angeriz, a Research Associate of the Centre, resigned his post to take up a lectureship at Queen Mary, University of London, School of Business and Management. The Centre welcomed back to the Department, Dr Mark Roberts, one of its Associated Fellows, from Washington D.C. where he had worked for the World Bank.

Members

Dr Nigel Allington

Affiliated Lecturer

Professor Philip Arestis

Director of Research, CCEPP

Dr John McCombie

Director of CCEPP, University Reader & Director of the Tripos

Dr Mark Roberts

University Lecturer

Conference papers and presentations

Professor Philip Arestis

'Policy Implications of the Current Financial Crisis'. Paper presented at the workshop *Developing Joint UK Policy Responses to the Financial and Economic Crisis*, School of Oriental and African Studies (SOAS), University of London, 15 December 2008.

'Current Financial Crisis and Regulatory Implications'. Paper given to a staff/postgraduate student seminar of the Department of Economics, Greenwich University, 12 November 2008. Paper also given to postgraduate students and staff at the Department of Economics, University of the Basque Country, Bilbao, Spain, 3 December 2008.

'New Consensus Macroeconomics and Keynesian Critique'. Paper presented at the 12th international conference of the research network *Macroeconomics and Macroeconomic Policies*, entitled *Macroeconomic Policies and Shaky Foundations – Whither Mainstream Economics*, Berlin, Germany, 31 October – 01 November 2008. Also given at the conference of *The Cambridge Trust for New Thinking in Economics*, entitled *The Big Crunch and the Big Bang: How to Get Out of the Global Financial Mess*, Murray Edwards College, Cambridge, 21 November 2008.

'New Consensus Macroeconomics and Inflation Targeting in Three Major Central Banks: Fed, European Central Bank and Bank of England'. Short course given to postgraduate students of the Department of Economics, UFMG, Belo Horizonte, Brazil, 20 - 25 August 2008.

'Are the ECB, BOE and FED Macro Models Consistent with the NCM?' Paper given to a staff/student seminar of the Department of Economics, University of São Paulo, Brazil, 22 August 2008.

'New Consensus Macroeconomics: Relevance to Development'. Paper given to the XIII Seminário Sobre a Economia Mineira, Instituto Casa Da Glória, Diamantina, Brazil, 27-29 August 2008.

'Assessing the UK Monetary Policy'. Paper given to a staff/student seminar of the Division of Economics and Strategy, The Business School at Oxford Brookes University, 03 March 2008. Same paper given to a staff/student seminar of the Department of Economics at Kingston University, 08 April 2008, and to staff/student seminar of the Economics Group, Brighton Business School at Brighton University, 30 April 2008. Also to the Summer School organised by the Hans Böckler Stiftung, held in Berlin, 27 July - 03 August 2008.

'Keynesian Economics and the New Keynesian/New Consensus Schools of Thought'. Short course given to the Summer School organised by the Hans Böckler Stiftung, held in Berlin, 27 July - 03 August 2008.

'Path Dependence and Demand-Supply Interactions in Macroeconomics' (with Sawyer, M C) Paper given at the 5th International Conference entitled Developments in Economic Theory and Policy, Institutions and European Integration, Bilbao, Spain, 10-11 July 2008.

'Are the European Central Bank and Bank of England Macroeconomic Models Consistent with the New Consensus in Macroeconomics?' (with Sawyer, M C) Paper given at the 5th International Conference entitled Developments in Economic Theory and Policy, Institutions and European Integration, Bilbao, Spain, 10-11 July 2008.

'Economic Policies in the EMU'. Paper given to the conference of the 10th Anniversary Conference of the Association for Heterodox Economics, Anglia Ruskin University, Cambridge, 4-6 July 2008.

'UK Monetary Policy in Relation to the ECB and the Fed: An Assessment'. Keynote presentation at the 7th Annual Conference of the *European Economics and Finance Society*, entitled Globalised Labour and Capital Markets, National Resources and Shifts in Economic Power, University of Economics, Prague, Czech Republic, 21-25 May 2008.

'Efficiency and Convergence in the EU' (with Desli, E and Chortareas, G) Paper given at the joint Money, Macro and Finance (MMF) Research Group and Centre for International Macroeconomics and Finance (CIMF, Faculty of Economics, University of Cambridge) workshop on *European Convergence*, Trinity College, Cambridge, 16 May 2008.

'Capital Account Liberalization and Poverty.' (with Caner, A) Paper given at the session Efficiency, Financial Innovation, Poverty and Income Distribution of the Association for Evolutionary Economics, Annual Allied Social Science Association meetings, New Orleans, 4-6 January 2008; also given at an international conference organised jointly by the Izmir Economics University and SUNY Cortland, Izmir, Turkey, 1-2 May 2008.

'New Consensus Macroeconomics, Development, and Keynesian Critique'. Paper given to the conference of the newly established Associação Keynesiana Brasileira, Campinas, Brazil, 17 April 2008.

'A Keynesian Critique of New Consensus Macroeconomics: The UK Monetary Policy'. Paper

given to a staff/student seminar of the Department of Economics, University of São Paulo, Brazil, 16 April 2008.

Dr John McCombie

'Returns to Scale and Regional Growth. A Disaggregated Approach for the EU Manufacturing Industries.' Developments in Economic Theory and Policy, Institutions and European Integration IV, Bilbao, Spain, Organiser of special session on Spatial Economics, July 2008.

'Was the Thatcher Experiment Necessary to Cure British Inflation?' Eastern Economic Association, Boston, Organiser of special session on 'The British Economy After 1979: From Thatcher to Brown', February 2008.

Dr Mark Roberts

'International Growth Spillovers and Regional Integration.' Development Prospects for the 21st Century, International Symposium organised by the International Celso Furtado Center for Development Policies, The Brazilian Development Bank (BNDES), Rio de Janeiro, 7 November 2008.

'International Growth Spillovers and Regional Integration.' Conference on Spatial Economics and Trade, University of Strathclyde and Scottish Institute for Research in Economics, University of Strathclyde, UK, 26 June 2008.

Publications

Professor Philip Arestis

Arestis, P and de Paula, L F (eds) *Financial Liberalization and Economic Performance in Emerging Countries*. Palgrave Macmillan, 280pp, 2008. [ISBN: 9780230538023]

Arestis, P and Eatwell, J (eds) *Issues in Finance and Industry: Essays in Honour of Ajit Singh*. Palgrave Macmillan, 224pp, 2008. [ISBN: 9780230553606]

Arestis, P and Eatwell, J (eds) *Issues in Economic Development and Globalisation: Essays in Honour of Ajit Singh*. Palgrave Macmillan, 296pp, 2008. [ISBN: 9780230203587]

Arestis, P and Sawyer, M C (eds) *Critical Essays on the Privatization Experience*. Palgrave Macmillan, 264pp, 2008. [ISBN: 9780230222526]

Arestis, P and McCombie, J S L (eds) *Missing Links in the Unemployment Relationship*. Palgrave MacMillan, 264pp, 2008. [ISBN: 9780230202467]

Arestis, P and McCombie, J S L (eds) *Unemployment Past and Present*. Palgrave MacMillan, 272pp, 2008. [ISBN: 9780230202443]

Arestis, P and De Antoni, E 'Minsky's Financial Instability Hypothesis: The Crucial Role of Fiscal Policy.' Chapter in Creel, J and Sawyer, M (eds) *Current Thinking on Fiscal Policy*. Palgrave Macmillan, 2008. [ISBN: 9780230202498]

Arestis, P and Sawyer, M C 'Financial Liberalization: The Current State of Play.' Chapter 5: 74-93pp in Arestis, P and Eatwell, J (eds) *Issues in Finance and Industry: Essays in Honour of Ajit Singh*. Palgrave Macmillan, 2008. [ISBN: 9780230553606]

Arestis, P and Karakitsos, E 'Unemployment and the Natural Interest Rate in a Neo-Wicksellian Model.' Chapter 8: 149-180pp in Arestis, P and McCombie, J S L (eds) *Unemployment Past and Present*. Palgrave MacMillan, 2008. [ISBN: 9780230202443]

Arestis, P and Sawyer, M C 'The New Consensus Macroeconomics: An Unreliable Guide for Policy.' *Revista Análise Econômica* 26(50): 275-95, September 2008.

Arestis, P and Sawyer, M C 'A Critical Reconsideration of the Foundations of Monetary Policy in the New Consensus Macroeconomics Framework.' *Cambridge Journal of Economics* 32(5): 761-79, September 2008. [ISSN: 0309-166X] [doi: 10.1093/cje/ben004]

Arestis, P and Chortareas, G 'Atheoretical and Theory-Based Approaches to the Natural Equilibrium Real Interest Rate.' *Eastern Economic Journal* 34(3): 390-405, Summer 2008. [ISSN: 0094-5056] [doi:10.1057/palgrave.eej.9050040]

Arestis, P and Sawyer, M C 'New Consensus Macroeconomics and Inflation Targeting: Keynesian Critique.' *Economia e Sociedade*, 17(Special Issue), 2008. [ISSN: 0104-0618]

Angeriz, A and Arestis, P 'Assessing Inflation Targeting Through Intervention Analysis.' *Oxford Economic Papers* 60(2): 293-317, April 2008. [ISSN: 0030-7653] [doi: 10.1093/oep/gpm047]

Arestis, P, Luintel, K L, Khan, M and Theodoridis, K 'Financial Structure and Economic Growth.' *Journal of Development Economics* 86(1): 181-200, April 2008. [ISSN: 0304-3878] [doi: 10.1016/j.jdeveco.2007.11.006]

Arestis, P and Karakitsos, E 'The U.S. Housing Slump and the Consumer.' *Journal of Post Keynesian Economics* 30(3): 335-52, Spring 2008. [ISSN: 0160-3477] [doi: 10.2753/PKE0160-3477300302]

Angeriz, A, Arestis, P, McCombie, J S L and Mosler, W 'The Interest Rate Channel in the New Monetary Policy Framework.' *Challenge: The Magazine of Economic Affairs* 51(2): 69-84, March 2008. [ISSN: 0577-5132]

Arestis, P and Karakitsos, E 'Modelling the US Housing Market.' *Ekonomia* 10(2), Winter 2007. [ISSN: 1025-5508]

Dr John McCombie

Arestis, P and McCombie, J S L (eds) *Missing Links in the Unemployment Relationship*. Palgrave MacMillan, 2008. [ISBN: 9780230202467]

Arestis, P and McCombie, J S L (eds) *Unemployment Past and Present*. Palgrave MacMillan, 2008. [ISBN: 9780230202443]

Felipe, J and McCombie, J S L 'What Can the Labour Demand Function Tell Us About Wages and Employment? The Case of the Philippines.' Chapter in Berg, J and Kucera, D (eds)

Cultivating Justice: Labour Institutions and Employment in Developing Countries. ILO and Palgrave Macmillan, 2008. [ISBN 978-0-230-53805-4]

Allington, N F B and McCombie, J S L 'The Thatcher Experiment 1979-1990: Did it Lead to an Economic Renaissance in the UK?' Chapter 5: 72-94pp in Arestis, P and McCombie, J S L (eds) *Missing Links in the Unemployment Relationship*. Palgrave MacMillan, 2008. [ISBN: 9780230202467]

Roberts, M and McCombie, J S L 'Effective Demand Constrained Growth in a Two-Sector Kaldorian Model.' *Journal of Post-Keynesian Economics* 31(1): 57-78, Fall 2008. [ISSN: 0160-3477]

Allington, N F B and McCombie, J S L 'Productivity Growth and Unemployment under Mrs Thatcher Reconsidered.' *Intervention. European Journal of Economics and Economics Policy* 5(2): 246-56, 2008.

Angeriz, A, Arestis, P, McCombie, J S L and Mosler, W 'The Interest Rate Channel in the New Monetary Policy Framework.' *Challenge: The Magazine of Economic Affairs* 51(2): 69-84, March 2008. [ISSN: 0577-5132]

McCombie, J S L, Felipe, J and Hasan, R 'Correcting for Biases when Estimating Production Functions: An Illusion of the Laws of Algebra?' *Cambridge Journal of Economics* 32(3): 441-59, May 2008. [ISSN: 0309-166X] [doi: 10.1093/cje/bem043]

Angeriz, A, McCombie, J S L and Roberts, M 'New Estimates of Returns to Scale and Spatial Spillovers for EU Regional Manufacturing, 1986-2002.' *International Regional Science Review* 31(1): 62-87, January 2008. [ISSN: 0160-0176] [doi: 10.1177/0160017607306750]

Dr Mark Roberts

Roberts, M 'Growth and Unemployment in an Extended Kaldorian Model.' Chapter in Arestis, P and McCombie, J S L (eds) *Unemployment Past and Present*. Palgrave MacMillan, 2008. [ISBN: 9780230202443]

Roberts, M and McCombie, J S L 'Effective Demand Constrained Growth in a Two-Sector Kaldorian Model.' *Journal of Post-Keynesian Economics* 31(1): 57-78, Fall 2008. [ISSN: 0160-3477]

Angeriz, A, McCombie, J S L and Roberts, M 'New Estimates of Returns to Scale and Spatial Spillovers for EU Regional Manufacturing, 1986-2002.' *International Regional Science Review* 31(1): 62-87, January 2008. [ISSN: 0160-0176] [doi: 10.1177/0160017607306750]

Roberts, M *What Makes Cities Competitive and What Can Cities Do? A Selective Review of Theories and International Experience*. Paper written for The World Bank, Latin America and Caribbean Region, Analytical and Advisory Program on Competitiveness and Growth in Brazilian Cities, 2008.

Roberts, M *Congestion and Spatially Connective Infrastructure: The Case of London in the 19th and Early 20th Centuries*. Background paper to the 2009 World Development Report, available from the World Development Report office, The World Bank, Washington D.C., 2008.

CCEPP working papers

Arestis, P *New Consensus Macroeconomics: A Critical Appraisal.*

Arestis, P and Angeriz, A *Does Inflation Targeting Lock-in Expectations?*

Arestis, P and Angeriz, A *An Empirical Investigation of Inflation Targeting in Emerging Economies.*

Arestis, P, Chortareas, G and Tsoukalas, J *Money and Rule-of-Thumb Households in a New Keynesian Model.*

Arestis, P and Karakitsos, E *Subprime Mortgage Market and Current Financial Crisis.*

Arestis, P and Caner, A *Financial Liberalization and the Geography of Poverty.*

Arestis, P and Sawyer, M *Are the European Central Bank and Bank of England Macroeconomic Models Consistent with the New Consensus in Macroeconomics?*

Arestis, P and Karakitsos, E *Modelling the US Housing Market.*

Arestis, P and Sawyer, M *Economic and Monetary Union and the Post 2004 Member Countries.*

Arestis, P and Sawyer, M *The New Consensus Macroeconomics: An Unreliable Guide for Policy.*

Arestis, P, Angeriz, A and McCombie, J S L *Does Central Bank Independence Affect Inflation Persistence and Volatility?*

Arestis, P and Caner, A *Capital Account Liberalization and Poverty: How Close is the Link?*

Arestis, P, Angeriz, A and Chakravarty, S *Inequality Adjusted Growth Rates in Developing Countries.*

Arestis, P and Mihailov, A *Flexible Rules cum Constrained Discretion: A New Consensus in Monetary Policy.*

Forthcoming publications

Professor Philip Arestis

Arestis, P and Kitromilides, J 'What Economists Should Know About Public Policymaking?' *International Journal of Public Policy.*

Arestis, P and McCombie, J S L 'On the Effectiveness of Fiscal Policy as an Instrument of Macroeconomic Policy.' *Journal of Economic Affairs.*

Arestis, P, de Paula, L F and Ferrari-Filho, F 'The New Monetary Policy: An Analysis of the Inflation Targeting in Brazil.' *Economia e Sociedade*, (in Portuguese).

Dr John McCombie

McCombie, J S L and Felipe, J 'On the Motion of the Planets and Aggregate Production Functions and Growth Economics.' *International Review of Applied Economics* (revised version submitted).

Angeriz, A, Arestis, P and McCombie, J S L 'Does Central Bank Independence Affect Inflation Persistence and Volatility?'

McCombie, J S L and Felipe, J 'Why the Data Tell Us Nothing about Returns to Scale and Externalities to Capital in Economic Growth.' *Economia e Sociedade*.

McCombie, J S L and Felipe, J 'Are Estimates of Labour Demand Functions Mere Statistical Artefacts?' *International Review of Applied Economics*.

Angeriz, A, McCombie, J S L and Roberts, M 'Increasing Returns and Growth of Industries in the EU Regions: Paradoxies and Conundrums.' *Spatial Economics Analysis*.

McCombie, J S L and Roberts, M 'On Competing Views of the Importance of Increasing Returns, Cumulative Causation and Path-Dependence.' Chapter in Berger, S (ed) *The Principle of Circular Cumulative Causation: An Inquiry into Economic Dynamics and Evolution*, Edward Elgar.

McCombie, J S L and Felipe, J 'On Accounting Identities, Simulation Experiments and Aggregate Production Functions: A Cautionary Tale for (Neoclassical) Growth Theorists.' Chapter in Setterfield, M (ed) *Handbook of Alternative Theories of Economic Growth*, Edward Elgar.

Dr Mark Roberts

Roberts, M 'The Theory and Practice of Monetary Policy: A Comprehensive Survey.' Chapter in Allington, N F B and McCombie, J S L (eds) *Cambridge Handbook in Applied Economics*. Cambridge University Press.

Roberts, M and McCombie, J S L 'Never The Twain Shall Meet? On Competing Conceptions of Increasing Returns, Cumulative Causation and Path-Dependency.' Chapter in Berger, S (ed) *The Principle of Circular Cumulative Causation and the Foundations of Non-Equilibrium Economics*. Routledge.

Roberts, M 'Endogenous Regional Growth: A Critical Survey.' Chapter in Setterfield, M (ed) *Handbook of Alternative Theories of Economic Growth*. (Also available as Centre for Economic and Public Policy Working Paper CCEPP WP01-07, Department of Land Economy, University of Cambridge).

Other activities

Professor Philip Arestis

- January (2008): organised and chaired (with Stein, H) the double session, entitled *Financial Institutions, Poverty and Income Distribution* of the Annual Conference of the *Allied Social Sciences Association*, New Orleans, USA, 5-7 January, 2008.
- May (2008): member of the Association for Evolutionary Economics (AFEE) Committee for the

2008 Veblen-Commons Award.

- May (2008): organised and chaired a joint Money, Macro and Finance (MMF) Research Group and Centre for International Macroeconomics and Finance (CIMF, Faculty of Economics, University of Cambridge) workshop on *European Convergence*, Trinity College, Cambridge, 16 May 2008.
- July (2008): organised and chaired the International Conference of the Department of Applied Economics V, University of the Basque Country, Bilbao, Spain, and the Cambridge Centre for Economic and Public Policy, University of Cambridge, UK, the 5th International Conference entitled *Developments in Economic Theory and Policy, Institutions and European Integration*, Bilbao, Spain, 10-11 July, 2008.
- November (2008): Senior Member of the Advisory Board, Centre for Banking, Finance and Sustainable Development, University of Southampton.
- December (2008): member of the Eastern Economic Association (EEA) Committee for the 2009 Koford Award.
- Editorial Board Member: *International Review of Applied Economics; Ekonomia; International Papers in Political Economy; Review of Social Economy; Applied Economics; Applied Economics Letters; Journal of Post Keynesian Economics; Eastern Economic Journal; Análise Econômica; Intervention European Journal of Economics; International Journal of Public Policy; Applied Economics: Systematic Research; Frontiers in Finance and Economics.*
- Refereeing: *Applied Economics; Applied Financial Economics; Journal of Macroeconomics; Cambridge Journal of Economics; International Review of Applied Economics; Review of Social Economy; Oxford Economic Papers; Empirica; World Development; The World Economy; Eastern Economic Journal; Empirical Economics; Oxford Development Studies; Economics Letters; Journal of Development Economics; World Economy; Cambridge Journal of Regions, Economy and Society; Journal of Post Keynesian Economics; Ekonomia.*
- External Posts: Chief Academic Adviser to the UK Government Economic Service (GES) Board of Professional Development; Distinguished Adjunct Professor of Economics, University of Utah, Salt Lake City, USA; Senior Scholar, Levy Economics Institute, New York, USA; Visiting Professor, Leeds University Business School; Professorial Research Associate in the Department of Finance and Management Studies, School of Oriental and African Studies (SOAS), University of London.
- Externally supervised: One PhD student, University of Utah, USA, completed successfully.
- Examined externally: Two PhD students at the School of Oriental and African Studies (SOAS), University of London; and another PhD student (University of Leeds).
- Membership of: Royal Economic Society, UK; American Economic Association, USA; Association of Evolutionary Economics, USA; Association of Social Economics, USA; Eastern Economic Association, USA.
- Entries listed in: *Contemporary Authors; Contemporary Authors (New Revision Series); Dictionary of International Biography; International Book of Honour; Men of Achievement; Who's Who in the World; Who's Who in Economics; Who's Who in Science and Engineering; International Authors and Writers Who's Who; The International Directory of Distinguished Leadership; European Biographical Directory; American Biographical Institute of International Research (Man of the Year Award); Global Who's Who Directory – Economics; The Writers Directory; Marquis Who's Who in the World; The Cambridge Blue Book; Debrett's People of Today.*

Non-refereed articles

- 'The Interest Rate Channel in the New Monetary Policy Framework' (with Angeriz, A McCombie, J and Mosler, W *Challenge: The Magazine of Economic Affairs*, 51(1), March 2008.
- 'Muito Além Das Metas'. Interview by Luiz Antonio Cintra and published in the Brazilian Magazine *CartaCapital: Política, Economia E Cultura*, 18 April 2008.

- 'We Need Fiscal Policy to Tackle the Crisis: Letter to the Editor'(with McCombie, J), *The Guardian*, 21 July 2008.
- 'Expect Public-Sector Deficits and Oil Prices to Go on Rising: Letter to the Editor' (with McCombie, J and Mosler, W, *Financial Times*, 22 July 2008.
- 'Fiscal Policy Rescue: Letter to the Editor.' with McCombie, J and Mosler, W, *The Times*, 13 August 2008.
- 'Drawing Up a New Economic Architecture: Letter to the Editor.' with Sawyer, M *The Guardian*, 09 September 2008.
- 'Inflation Targeting in Brazil.' (with Ferrari, F and de Paula, L F) *Working Papers Series No. 544*, Levy Economics Institute of Bard College, Annandale-on-Hudson, New York, September 2008.
- 'Open Letter to World Leaders Attending the November 15 White House Summit on Financial Markets and the World Economy.' (with Davidson, P and others) *Asia Times*, 07 November 2008.

Dr John McCombie

- Specialist Advisor to House of Lords European Union Committee on the Future of the EU Structural and Cohesion Funds. Report: The Future of EU Regional Policy Report with Evidence HL Paper 141, The Stationary Office, 2008.
- Economic Consultant to the World Bank on the World Development Report: Rethinking Economic Geography.
- Economic Consultant to the Asian Development Bank. Report: "Is Pakistan's Growth Rate Balance-of-Payments Constrained? Policies and Implications for Development and Growth.
- Member, Centre for Globalisation Research, Queen Mary, University of London.
- External Examiner, Westminster University, BA Economics.
- Co-editor, *Spatial Economic Analysis*, Taylor Francis.
- Lecture: Oxford Brookes University, School of Business; "Aggregate Production Functions. 'Not Even Wrong.'"
- Lecture series: "Economic Growth", Grenoble School of Business, Grenoble, France.
- Referee: *Metroeconomica*, *Cambridge Journal of Economics*, *Eastern Economic Journal*, *Review of Political Economy*, *Spatial Economic Analysis*. Edward Elgar Publishers.
- Director of the Tripos.
- Chair, Teaching and Liaison Committee.
- Member of the Board of Land Economy.
- Member of the Development Studies Committee.
- Director of Studies in Land Economy; Christ's College, Downing College, Girton College.
- Director of Studies in Economics: Downing College.
- Tutor: Downing College.

Letters

- 'We Need Fiscal Policy to Tackle the Crisis.' (with Arestis, P) *The Guardian*, 21 July 2008.
- 'Expect Public-Sector Deficits and Oil Prices to Go on Rising.' (with McCombie, J and Mosler, W) *Financial Times*, 22 July 2008.
- 'Fiscal Policy Rescue.' (with Arestis, P and Mosler, W) *The Times*, 13 August 2008.
- 'Open Letter to World Leaders Attending the November 15 White House Summit on Financial Markets and the World Economy.' (with Davidson, P and others) *Asia Times*, 8 November 2008.

Dr Mark Roberts

- Major contributor to the World Bank's 2009 World Development Report: Reshaping Economic Geography.

Cambridge Centre for Housing and Planning Research

Review from the Director, Professor Christine Whitehead and Deputy Director, Ms Sarah Monk

2008 has been both a successful and challenging year. The research environment has become increasingly difficult and we have been doing more smaller projects - although many of them have been more immediately policy relevant and have better reflected our range of skills.

The CCHPR team has been quite stable this year. Jennie Spenceley went to maternity leave – we congratulate Jennie and Patrick on the birth of Benjamin and look forward to her return. Connie Tang has proven to be a very suitable maternity leave cover as she already had considerable experience working on the RSR and CORE. She has integrated very effectively into the Dataspring team. We also appointed Katharine Martindale who has been working on a range of projects including roundtables on the capacity of the planning system for the RICS.

Our biggest project – the Dataspring Statistical Service for the Housing Corporation – has bedded down well and we have been able to maintain a high quality service during the rather complex process of transition to the Tenant Services Authority (TSA). We now work with the new Market Development team and are looking forward to being involved in undertaking research to support policy initiatives as well as providing more traditional statistical services.

Strongly policy based projects have included work on ways to improve and implement on Section 106; two projects on how the low cost homeownership programme is working in the current environment; a new strand of work on sustainability; and increasing senior involvement in conferences and seminars using research results to inform policy in the recession at both national and local levels.

A core element of our research this year has been area-based analysis, both for the Department for Communities and Local Government, on the Mixed Communities Demonstration Projects, and for the Barrow Cadbury Trust, on the relationship between place, poverty and race in Birmingham. These have combined statistical analysis with qualitative interviews in ways that have helped better to understand opportunities and constraints, particularly now in the context of deepening recession. The same team is now working with other members of the Department on a scoping study of the Working Neighbourhoods Fund.

One aspect of our work which we particularly value is when we are able to develop continuing relationships with organisations and thus to build on earlier research and deepen our understanding of particular issues. This year we have done new analyses of population and household projections for the Town and Country Planning Association; of housing need and investment for Shelter; of the regional affordable housing requirement for the East of England; as well as good practice guidance on affordable housing for the Welsh Assembly Government and the East of England. We also valued the new evaluation that we undertook for Emmaus UK because it covered the full span from evaluation to help develop broad policy; to focus organization-wide activities; and to provide management tools for individual communities. We have also been involved in a number of projects which play to individual strengths – including the maintenance costs of High Density buildings (Michael Jones); the Gender Equality Duty (Gemma Burgess); future Prospects for Housing Wealth and Inheritance (Alan Holmans); and the Roundtables on Planning Capacity (Katharine Martindale and Sarah Monk).

Members of CCHPR have been active at a number of international and national conferences, including the European Network for Housing Research conference in Dublin (where people got stranded by the closure of the airport!); the Housing Studies Association conference as well as AESOP and the Royal Geographical Society/ Institution of British Geographers. We have also maintained a strong publication record not only in refereed and policy journals but also in detailed reports, many of which are readily available to download from our website:
www.cchpr.landecon.cam.ac.uk

The new year has started well with two new projects for CLG on domestic violence and valuing planning gain, as well as a call-down contract from the Scottish Executive.

Members

Mr Daniel Banks

Computer Associate

Dr Gemma Burgess

Research Associate

Miss Anna Clarke

Research Associate

Mr Alex Fenton

Research Associate

Dr Alan Holmans CBE

Senior Research Fellow

Mr Michael Jones

Research Associate

Miss Fiona Lyall Grant

Research Associate

Dr Katharine Martindale

Research Associate

Dr Sanna Markkanen

Research Associate

Ms Sarah Monk

Deputy Director

Dr Paul Sanderson

Research Projects Manager

Mrs Jennie Spenceley

Research Associate

Mrs Shirley Stringer
Administrator

Dr Connie P Y Tang
Research Associate

Mr Chihiro Udagawa
Research Associate

Professor Christine Whitehead OBE
Director

Advisory Group

We are very grateful for the generous commitment of our Advisory Group who meet with us regularly and help in many other ways. In 2008 they were:

Tony Crook, University of Sheffield
Ken Gibb, University of Glasgow
Katherine Knox, Joseph Rowntree Foundation
Michele Lowe, Housing Corporation
Bob Pannell, Council of Mortgage Lenders
Andrew Parfitt, Communities and Local Government
Gavin Smart, National Housing Federation
Steve Wilcox, University of York
Judith Yates, University of Sydney

Associates and Departmental Colleagues Working with us during the Year

Professor Phil Allmendinger has been involved in helping us to develop research proposals, particularly for the research councils but more generally with the aim of becoming less 'reactive' to invitations to tender and more 'proactive' in terms of putting forward our own ideas and methodologies.

Professor Pete Tyler has been working with CCHPR colleagues on the Barrow Cadbury research in Birmingham and on the new evaluation of the Working Neighbourhoods Initiative. He is a specialist in regeneration and cost benefit analysis, particularly in the sense of cost savings and value to money for government and the public purse.

Dr Nicola Morrison is a lecturer in housing and the built environment in the Department of Land Economy. She is also an associate of CCHPR. She is co-editor of *Inclusive Neighbourhoods in Europe*, published by Routledge. This book stems from research sponsored by the European Commission examining neighbourhood renewal initiatives across eight European countries. She is also collaborating on the forthcoming CCHPR book on the intermediate housing market to be published by Blackwell.

Professor Judith Yates is widely acknowledged as one of Australia's leading specialists in housing and housing policy. She has an extensive publications record, and has contributed to many federal and state government inquiries, ministerial committees and reports on housing, housing policy and housing finance in Australia. She has been a member of the Australian

Statistics Advisory Council and a board member of the Commonwealth Banking Corporation, the Housing Loans Insurance Corporation, the Australian Institute of Health and Welfare, and the Home Purchase Assistance Authority.

Kathleen Scanlon is a researcher at LSE and the Danish Building Research Institute. Kathleen moved to Copenhagen in August 2006 to work on Housing Upgrade Planning Support (HUPS), Buy to Let issues, and comparative analyses of social housing and financial instruments. She completed an edited book on Social Housing in Europe with Christine Whitehead, published in July 2007. Since her return to London, Social Housing in Europe II was launched in December 2008. She is now working on mortgage market developments across Europe. She is also collaborating with CCHPR on a forthcoming book on intermediate housing markets.

Jan Scheele-Goedhart from the Netherlands is a researcher at RIGO Research en Advies, a Dutch private sector research institute which focuses mainly on issues of housing, land development and spatial planning. During a short stay in Cambridge in the autumn of 2008, he has been working on a comparative study between England and the Netherlands on the effect of the policy to promote the redevelopment of brownfield land for housing in both countries.

Collaboration with Other Bodies

This year we have collaborated with the following organisations on research projects:

Institute of Education, University of London – took the lead on a three year Evaluation of the Mixed Communities Demonstration Projects for CLG.

London School of Economics Centre for Analysis of Social Exclusion – a part of the Mixed Communities project team.

Shared Intelligence – a consultancy with housing policy specialism, also part of the Mixed Communities project team.

SQW Consulting – a consultancy specialising in economic development and, increasingly, in housing. SQW is working with CCHPR on estimates of affordable housing requirements for the East of England region.

Three Dragons – a niche consultancy, working with CCHPR on the delivery of affordable housing through the planning system.

University of Greenwich – working with CCHPR on the Poor Pay More project.

University of Sheffield Town and Regional Planning Department – working with CCHPR on Common Starting Points for S106 Affordable Housing Negotiations.

University of York Centre for Housing Policy – working with CCHPR on the production of a book titled *The Future of Social Housing* for Shelter.

University of Warwick Business School – also part of the Mixed Communities project team.

Externally funded research projects

Evaluation of the Mixed Communities Demonstration Projects

The three year evaluation of the Mixed Communities Demonstration Projects is carried out by CCPHR together with the Institute of Education, the London School of Economics, Warwick Business School and Shared Intelligence. The purpose of the Demonstration Projects is to develop comprehensive approaches to neighbourhood renewal through actions to reduce worklessness and crime, improvements to the environment, and major changes to the housing stock and tenure/income mix. Whilst previous housing and regeneration programmes have included tenure and income diversification, the Mixed Communities Initiative aims to do this further and faster to achieve genuine and sustainable change in disadvantaged areas. The evaluation is intended to clarify and evaluate the objectives of the projects, assess the reasons why the projects have or have not been successful in meeting their aims, and develop indicators and transferable lessons.

Researcher(s): Anna Clarke, Alex Fenton, Sanna Markkanen, Sarah Monk and Christine Whitehead

Funding: £64,150

Funder: CLG

Contact: Alex Fenton

Dates: August 2006 – September 2009

Common Starting Points for S106 Affordable Housing Negotiations: A Report for the Department for Communities and Local Government Department

Communities and Local Government commissioned a two-stage research project to improve the evidence on the dynamics of Section 106 negotiations for affordable housing and to explore what the best 'common starting point' (CSP) for such negotiations might be. The Governments' consultation paper, *Changes to Planning Obligations: A Planning-gain Supplement*, included a proposal for a common starting point for developer contributions to affordable housing (paragraphs 48-60) in response to criticism of the current arrangements and lacking predictability for developers as to the value of the contribution likely to be sought from them. The aim of this research was to explore current Local Planning Authority (LPA) practice to establish whether LPAs have CSPs and what these are, to evaluate the relative merits of different CSPs, and to consider issues such a single CSP and identify whether the adoption of CSPs would be beneficial.

Researcher(s): Sarah Monk, Gemma Burgess, Christine Whitehead (CCHPR), Tony Crook (University of Sheffield) and Steven Rowley (Curtin University)

Funding: £48,100

Funder: East of England Regional Assembly

Contact: Sarah Monk

Dates: July 2007– February 2008

Beyond the Affordable Housing Study Stage II: A review and analysis of changes in the intermediate housing market in the East of England 2004-2007

In 2004 the East of England Regional Assembly published two reports from stage two of a regional affordable housing study undertaken by CCHPR. The Assembly then commissioned CCHPR to undertake an update of the 2004 study. The new project was timely as there is now much more available data on the groups that are accessing low cost home ownership (LCHO). The purpose of the research was to identify the changes in the intermediate housing market since the Affordable Housing Study II in 2004 in terms of need/demand and supply, and to consider the implications for regional policy formulation and investment in the future.

Researcher(s): Sarah Monk, Gemma Burgess, Alan Holmans
Funding: £24,875
Funder: East of England Regional Assembly
Contact: Sarah Monk
Dates: September 2007– February 2008

Domestic Violence - Assistance for Adults without Dependant Children

The main purpose of this study is to provide CLG with firm evidence of the extent to which adults, who are neither pregnant nor have any dependant children, fleeing domestic violence are getting the help they need from local authorities to ensure they do not have to return to accommodation where they would be at risk of violence.

Researcher(s): Gemma Burgess, Anna Clarke, Fiona Lyall Grant, Michael Jones and Christine Whitehead
Funding: £65,375
Funder: CLG
Contact: Anna Clarke
Dates: October 2008 – October 2009

Good Practice Guide to Delivering New Affordable Housing on S106 Sites

This project focused on the East of England region, which includes the London Commuter Belt. As affordability worsens, local planning authorities are under increasing pressure to secure affordable housing on S106 schemes successfully. This study included a review of recent literature and policy, stakeholder meetings and interviews with local planning authorities and stakeholders. The output was a web-based 'good practice guide' to aid local authorities in S106 affordable housing delivery.

Researcher(s): Sarah Monk and Gemma Burgess (in collaboration with Three Dragons)
Funding: £24,960
Funder: East of England Regional Assembly, Harlow District Council
Contact: Sarah Monk
Dates: October 2007 – March 2008

Assessing the Impact on Annual Public Spending of Higher Density Housing in London

This project was commissioned by East Thames Housing Group to investigate the relationship between increasing housing densities, dwelling mix, built form and the incidence of service charges. It looked at the affordability of service charges to tenants and LCHO purchasers, and explored whether particular service charges are associated with changes in built form - and whether these can be linked to predictable 'break points' in housing density - to produce a 'typology' or archetypes for planning and financial feasibility purposes. The project was undertaken in collaboration with the University's Department of Architecture.

Researcher(s): Michael Jones, Minna Sunikka and Katharine Martindale
Funding: £30,175
Funder: East Thames Housing Group
Contact: Michael Jones
Dates: November 2007 – May 2008

Overview of Availability and Quality of Data Sources Relevant to the Work of the National Housing and Planning Advice Unit

The National Housing and Planning Advice Unit commissioned CCHPR to undertake a review of the availability and quality of data sources relevant to their work. This included data on housing affordability and how to measure it in different locations and over time. The main output was a publication aimed at providing assistance to the regions by bringing information about data sources together in one place.

Researcher(s): Sarah Monk, Christine Whitehead, Anna Clarke, Gemma Burgess, Sanna Markkanen, Alex Fenton, Alan Holmans, Daniel Banks and Fiona Lyall Grant.
Funding: £71,300
Funder: National Housing and Planning Advice Unit
Contact: Sarah Monk
Dates: October 2007 – April 2008

Taking the Gender Equality Duty into Account in Regeneration: Identifying Good Practice

In April 2007 the new Gender Equality Duty came into force, requiring public authorities to promote gender equality and remove gender discrimination. The purpose of this study is to explore the implementation of the Gender Equality Duty by identifying good practice in dealing with the new legislation. It assesses the degree to which gender is taken into consideration in regeneration schemes using a number of case study examples; exploring how gender was considered and what the outcomes were. This enables the identification of 'best practice' examples that can be disseminated to improve the results on other regeneration schemes.

Researcher(s): Gemma Burgess
Funding: £25,500
Funder: Higher Education Funding Council & the Royal Institution of Chartered Surveyors
Contact: Gemma Burgess
Dates: March 2008 – February 2009

Low Cost Home Ownership: Affordability, Risks and Issues

There have been recent disturbances to the housing finance sector. The Northern Rock crisis highlighted the vulnerability of the market to the problems caused by sub-prime lending. One effect has been a slowdown in mortgage lending, and unwillingness to lend to more marginal borrowers. The recent falls in property prices and predictions of further market turbulence have also created uncertainty in the housing market, for both buyers and lenders; first-time-buyers in particular entered the market in lower numbers towards the end of 2007 than at any time in the last 16 years. This study explored the impact of the recent housing market turbulence on the affordability of and demand for LCHO products, such as the HomeBuy suite, and the risks that this might present to social housing providers.

Researcher(s): Gemma Burgess, Christine Whitehead, Fiona Lyall Grant and Ruth Shaw
Funding: £30,175
Funder: Housing Corporation
Contact: Gemma Burgess
Dates: November 2007 - October 2008

Low Cost Home Ownership and the Credit Crunch: A Report on Regional Markets and Competition with Private Developers

The aim of this study was to expand upon research conducted for the Housing Corporation, *Low Cost Home Ownership: Affordability, Risks and Issues*, in early 2008. The specific aims of this research were (i) to explore the nature of regional markets for LCHO offered by Housing Associations (HAs) since the downturn, and (ii) to clarify the impact of private developer shared equity schemes on HAs and the degree to which HAs are competing with these schemes.

Researcher(s): Gemma Burgess, Fiona Lyall Grant and Christine Whitehead
Funding: £21,640
Funder: Tenant Services Authority
Contact: Gemma Burgess
Dates: October 2008 - February 2009

Working Neighbourhoods Fund (WNF) Scoping Study: baseline and interim evaluation

The Working Neighbourhoods Fund was established by Communities and Local Government and

the Department for Work and Pensions in 2008. Replacing the Neighbourhood Renewal Fund, it directs funding to 65 local authorities to help them tackle concentrations of worklessness. A team from the Department of Land Economy, under the direction of Prof Peter Tyler and including members of CCHPR, is leading the scoping study and interim evaluation of the WNF. CCHPR is involved across the project, but particularly in providing expertise for an online survey and qualitative fieldwork with districts in receipt of WNF. These research tools will provide findings about local worklessness strategies and the use of WNF monies. Other elements of the whole research programme are being carried out by Cambridge Econometrics and EDuce consultancy. The final report from the study is due in April 2009, and will provide an interim evaluation, as well as a baseline and template for further full evaluation research.

Researcher(s): Alex Fenton and Anna Clarke

Funding: £62,175

Funder: Department of Work and Pensions and Communities and Local Government

Contact: Alex Fenton

Dates: November 2008 – April 2009

Practice Guidance on Affordable Housing Clauses in Section 106 Agreements for Local Planning Authorities in Wales

This project was undertaken in collaboration with Three Dragons, a niche consultancy specialising in housing and planning. The objective of the research was to provide a comprehensive set of drafting notes and principles for affordable housing clauses in S106 agreements, which set out the issues that may need to be included by local planning authorities (LPAs) for all types of affordable housing secured through the planning system. The project involved an email survey of all Welsh planning authorities, follow-up telephone calls and interviews, a workshop involving members of the project steering group, developers, RSLs, and housing and planning officers, and the production of written guidance. The guidance was disseminated at three seminars covering North, Mid and South Wales.

Researcher(s): Sarah Monk, Gemma Burgess

Funding: £45,000

Funder: Welsh Assembly Government

Contact: Sarah Monk

Dates: January 2008 – July 2008

Valuing Success: A Case Study of Emmaus Village Carlton

In 2007, CCHPR was commissioned to update their earlier evaluation methodology and evidence on the success of the Emmaus approach, this time using Emmaus Village Carlton as a case study. The project's aim was to determine the cost effectiveness of the Emmaus Village Carlton Community, including the economic value of their outputs and outcomes to their participants, the local communities within which they operate, and to society and the economy at large. The project also developed a transferable evaluation framework to help stakeholders assess outcomes and place value on them, and a toolkit for further updated evaluations based on the findings. This project and its outputs contributed to the strategy for continued sustainable growth for Emmaus across the UK by assisting management and monitoring and setting the two evaluations within the broader context of social enterprise.

Researcher(s): Anna Clarke, Sanna Markkanen, Katharine Martindale and Christine Whitehead

Funding: £30,850

Funder: Emmaus UK (who obtained funding from the East of England Development Agency)

Contact: Anna Clarke

Dates: November 2007 – December 2008

Future Prospects for Housing Wealth and Inheritance

This work was carried out for the Council of Mortgage Lenders to study who owns owner-occupied housing wealth, and the implications for bequest and inheritance of housing wealth. It used estimates derived from the Survey of English Housing and official household projections to study the present number of older owner-occupiers and the value of the dwellings they own, and how the number is likely to increase in future years. It used deaths in future years as assumed in official projections of the population and proportions of owner-occupiers to estimate the number of estates with house property and the value of this property. The report on the project, *Prospects for UK Housing Wealth and Inheritance*, was published by the Council of Mortgage Lenders in July 2008.

Researcher(s): Alan Holmans
Funding: £10,800
Funder: Council of Mortgage Lenders
Contact: Alan Holmans
Dates: March 2007 - July 2008

Official Projections of the Future Population and Number of Households in England: Implications for Housing

This is an ongoing project that analyses and comments on official estimates (projections) of households in future years, including the types of household and their ages. The most recent official household projections are 2004-based. In October 2007 the Office for National Statistics published a new and much higher projection of the population of England, but the Department of Communities and Local Government (CLG) does not expect to publish a new official household projection based on it until March 2009. Its potential implications for future household numbers, however, were sufficiently far-reaching for an unofficial projection to be produced. This projection and supporting analysis were published by the Town and Country Planning Association in *Tomorrow Series Paper 10: new and higher projections of the population in England a first look at their implications for households and housing*.

Researcher(s): Alan Holmans and Christine Whitehead
Funding: £3,000
Funder: Town and Country Planning Association
Contact: Alan Holmans
Dates: January 2006 – December 2008

Housing Needs in England: A New Analysis

This set of estimates of current need for social rented housing in 2006 and the needs for social rented and intermediate housing in 2006-26 was produced for Shelter. It makes extensive use of official household projections, at regional as well as national level, while also including new estimates of the backlog of current un-met need at national and regional level. A technical report provides a full account of the sources and methods used to produce *Housing Needs in England: a New Analysis*. This includes a comparison with estimates of housing need in the previous report in the Shelter Housing Investment Project series (the 2005 Update), and a revised version produced the following year (the 2006 Revision – which was not published but circulated informally) that used took on board the first fully post-2001 census household projection.

Researcher(s): Alan Holmans, Sarah Monk and Christine Whitehead
Funding: £18,550
Funder: Shelter
Contact: Sarah Monk
Dates; June – November 2008

LA CORE Imputation and Weighting Methodology Study

This study was commissioned by the Department for Communities and Local Government (CLG) to devise a weighting methodology to compensate for the missing and the underreporting of LA lettings in LA CORE. The study used the lettings data from the Housing Strategy Statistical Appendix (HSSA) as a reference source, together with a three-step weighting strategy. The final output included a report, Excel files, and an SPSS weighting syntax to allow users to update the weights whenever new/revised lettings data became available.

Researcher(s): Connie Tang, Alex Fenton, Chihiro Udagawa, Daniel Banks and Christine Whitehead
Funding: £16,990
Funder: CLG
Contact: Connie Tang
Dates: June – September 2008

Review of Social Housing for the States of Jersey

This project was commissioned by the Housing Department of the States of Jersey to review the current provision of social housing on the island, and to make recommendations for the form and extent of future provision.

Researcher(s): Christine Whitehead and Michael Jones
Funding: £54,600
Funder: States of Jersey Housing Department
Contact: Michael Jones
Dates: January 2008 – December 2008

The Green Agenda in Housing: Reducing Carbon Dioxide Emissions from the Existing Housing Stock

This briefing paper, commissioned by the Building Societies Association, sets out the issues involved in the improvement of the existing UK housing stock in order to meet the challenge of the climate change agenda.

Researcher(s): Michael Jones and Katharine Martindale
Funding: £13,500
Funder: Building Societies Association
Contact: Michael Jones
Dates: July 2008 – November 2008

Home and Employment Connexions Scheme Evaluation of Pilot

This small project is evaluating the practice of linking housing applications with employment opportunities.

Researcher(s): Michael Jones
Funding: £6,000
Funder: Greater London Authority
Contact: Michael Jones
Dates: April 2008 – April 2009

The Ward Penalty in Birmingham

The Barrow Cadbury Trust approached Land Economy and CCHPR to conduct an investigation into the relationships between race, place and poverty in Birmingham. The study begins from the observation that many of the highly deprived parts of the city, particularly the inner urban areas, are also those with large minority ethnic populations. The research is looking at why people are concentrated into particular deprived parts of the city, and whether and how different ethnic groups experience greater disadvantage as a result of living in those places. The study uses historical data on migration, housing and economic restructuring to understand the current

position of neighbourhoods. Interviews were carried out with young adults in two case-study areas, Nechells and Sparkbrook, to understand the effect of locality on growing up and daily life. The Trust recently extended the work into 2009 by commissioning two additional case studies on predominantly white deprived neighbourhoods in Birmingham.

Researcher(s): Anna Clarke, Alex Fenton, Sanna Markkanen, Peter Tyler
Funding: £58,000
Funder: Barrow Cadbury Trust
Contact: Alex Fenton
Dates: September 2007 – April 2009

Rapid Evidence Review of the Research Literature on the Impact of Worsening Affordability

The purpose of this desk-based study was to identify the impact of worsening housing affordability on the demand for affordable housing, particularly social rented housing. The report is available on the NHPAU website to download.

Researcher(s): Sarah Monk, Alan Holmans, Gemma Burgess, Tiffany Lunday, Christine Whitehead
Funding: £9,925
Funder: National Housing and Planning Advice Unit
Contact: Sarah Monk
Dates: October 2007 – January 2008

Assessment of Future Regional Requirements for Affordable Housing in the East of England

The aim of this ongoing project is to contribute to the evidence base that will inform the next review of the Regional Spatial Strategy (the East of England Plan 2008) and the second round of Regional Funding Advice. It will also inform the East of England Implementation Plan, which takes a longer view than the Regional Funding Advice and extends over a greater range of issues to ensure delivery of the Regional Economic Strategy and the Regional Spatial Strategy (RSS). The work is being conducted in collaboration with SQW Consulting, members of which have worked for CCHPR in the past.

Researcher(s): Sarah Monk, Alan Holmans, Connie Tang
Funding: £49,938
Funder: East of England Regional Assembly
Contact: Sarah Monk
Dates: October 2008 – March 2009

A Reality Check on the Capacity of the Planning System – Recommendations for Improvement

This project comprised a series of regional round table discussions in the North, Midlands, East, South, London and Wales to assess the capacity of the planning system to deliver the government's housing targets in sustainable communities and to make practical recommendations for improvement.

Researcher(s): Katharine Martindale, Sarah Monk and Christine Whitehead
Funding: £10,000
Funder: Royal Institution of Chartered Surveyors
Contact: Katharine Martindale
Dates: July 2008 – February 2009

The Poor Pay More

This report, published by the energy consumer watchdog, examined the limits of competitive markets in the provision of essential services to low-income consumers. Separate chapters

covered food, housing, water, telecommunications, public transport, financial services, and energy.

Researcher(s): Christine Whitehead, Katharine Martindale and Michael Jones

Funding: £7,000

Funder: Energy Watch

Contact: Christine Whitehead

Dates: July – September 2008

Dataspring

In October 2006, the Centre commenced a three-year research contract with the Housing Corporation for the 'Provision of Statistical Services.' There are two components to the programme: (i) a set of core annual projects analysing the data housing associations supply to the Corporation in their Regulatory Statistical Returns and (ii) a series of related one-off projects reflecting changes in their priorities and government policy. The latter are agreed annually with the Corporation. All outputs are branded under the name 'Dataspring,' which has been used to identify similar work carried out for the Corporation over the past decade. Most outputs are available on the dedicated Dataspring website, www.dataspring.org.uk

Programme Director: Christine Whitehead

Programme Manager: Paul Sanderson

Projects Manager: Connie P. Y. Tang

Funding: £940,000 over three years

Funder: Housing Corporation

Dates: 1 October 2006 – 31 September 2009

Dataspring Databases

CCHPR develops and maintains two large databases on behalf of the Housing Corporation:

- **Local housing markets database** contains information on cross-tenure rents, population, incomes and earnings, house prices, housing, households and employment variables.
- **RSR Time Series database** is constructed from key variables extracted from the annual RSR data. The data are presented in three discrete databases covering the periods 1989–2001, 2002–2006 and 2007–2008, as dictated by data definition revisions.

Core Projects

Guide to Local Rents

The Guide to Local Rents consists of three separate projects drawing on the rents sections of the RSR. Together they provide the data to enable the Housing Corporation (now the Tenant Services Authority), housing associations (HAs) and others to analyse trends in rents at different spatial resolutions and to undertake comparisons of the rents charged by HAs, local authorities and private landlords. Part I reports rents charged by HAs, rents charged by local authorities, rents in the private rented sector, dwellings let to tenants on Housing Benefit, and costs of owner occupation for first-time buyers. Part II provides data on rents and the service charges for general needs housing of individual HAs, local authority area, regional, and national levels. Part III provides similar data for supported housing and/or housing for older people. The outputs are published as sets of tables with accompanying notes.

Researcher(s): Chihiro Udagawa and Daniel Banks

Profile of the Housing Association Sector

Each year, Dataspring produces a 'Profile of the Housing Association Sector' based on the information reported by HAs in their Regulatory and Statistical Returns. The report comprises a summary outlining current stock levels and a briefing paper identifying key trends in the sector focusing on total stock including stock managed on behalf of others, lettings and staffing.

Researcher(s): Jennie Spenceley, Connie P.Y. Tang and Daniel Banks

Interactive Data Access and Database Maintenance

A key part of the programme is to make the data available, both as tables and interactively, via our award-winning user-friendly website. The Rents Guides are available both dynamically and in tabular form on the Dataspring website. Data from the Regulatory Statistical Return, some of which are used in the Profile of the Sector publication, are added into the time series database constructed from key variables to enable researchers to examine key trends in the housing association sector since 1989. Some of the elements of this database are made available for analysis online. The Dataspring website also contains all Dataspring publications and news items. It is run in parallel with the Centre's own website. The IT staff also maintain a local housing markets database for internal and external use. This contains socioeconomic data covering cross-tenure rents, population, income and earnings, house price, housing, households and employment.

Researcher(s): Daniel Banks

Specific Projects

Rents and Rental Rates of Return in the Rented Sectors

The major strand of project work for 2007-08 focused on rents. The objective was to provide analyses to assist with a fundamental assessment of the extent to which registered social landlords' rents as currently structured are consistent with policy on value for money and growth, and to compare HA rents with the costs of other types of tenure. The individual projects included separate studies analysing HA, local authority and private sector rents, as well as rental rates of return and private sectors. These analyses were at various geographical levels, and provide a clear picture of the extent to which rent and rental rate of return differentials vary by area, type, etc.

Researcher(s): Christine Whitehead, Chihiro Udagawa, Connie P. Y. Tang and Daniel Banks

National Register of Social Housing (NROSH)

The Department of Communities and Local Government intends to introduce NROSH as a means of collecting comprehensive data on an individual property basis from both HAs and local authorities. The Housing Corporation (now the Tenant Services Agency) plans to have a full implementation of NROSH from 2009/10. Since the earliest planning stages, Dataspring has been assisting the Corporation with its assessment of the viability of this new database as a partial replacement for the Regulatory and Statistical Return. A number of projects have been completed within a rolling programme. Some of these have been carried out in collaboration with the Corporation, such as comparing definitions in the RSR with those used by NROSH, and validating the pilot data uploads by HAs. Dataspring also advised on the tolerance levels acceptable for data uploaded to NROSH by HAs. In addition to above, there have been a number of other stand-alone projects. In 2008, statistical tests were carried out to identify tolerance levels on NROSH fields (HA rents, service charges, vacancies and stock distribution). A good practice note on helping HAs to implement NROSH has also been published.

Researcher(s): Fiona Lyall Grant, Daniel Banks, Chihiro Udagawa, Ruth Shaw and Connie P. Y. Tang

Conference papers and presentations

Dr Gemma Burgess

'Planning, Regeneration and the Gender Equality Duty – why does gender matter?' Royal Geographical Society-IBG Annual International Conference, August 2008.

'Building England's mixed communities: negotiating the mix.' European Network for Housing Research, Dublin, July 2008.

'Women's political action in Ethiopia: new forms of participation and power.' Gender, Governance and Power: Interdisciplinary Debates, July 2008.

'Campaigning against Violence Against Women in Ethiopia: are activists engaging at the international scale?' Violence Bodies Selves: Feminist Engagements in International Politics, Manchester, May 2008.

'Building mixed communities through the planning system.' Housing Studies Association Conference, York, April 2008.

Miss Anna Clarke

'Sharing in Success: An economic evaluation of Emmaus Village Carlton.' *15 Nurses, 10 Teachers and a Skateboard Park*, for Emmaus UK, Church House, London, 18 November 2008.

'Sharing in Success: An economic evaluation of Emmaus Village Carlton.' launch event for the report for Emmaus UK, Cambridge, 9 September 2008.

'Declining mobility in the social rented sector in England.' Housing Studies Association Annual Conference, York, April 2008.

'Residualisation in the Social Sector: Is it a problem?' European Network for Housing Researchers' Annual Conference, Rotterdam, July 2008.

'Understanding demographic, spatial and economic impacts on future affordable housing demand.' The Housing Corporation, 31 January 2008.

Mr Alex Fenton

'Open source development as a stimulus for innovation in qualitative data analysis software.' Analogical, Logiciels pour l'analyse qualitative : innovations techniques et sociales, Luxembourg, October 2008.

'Race, Place and Poverty in Birmingham.' Cities in Transition Seminar, London, July 2008.

Dr Sanna Markkanen

'Meeting BME housing needs in the social rented sector.' Values and Diversity: Culture, Religion and the Law in Contemporary Europe, Pilsen, Czech Republic, 26-29 August 2008.

'Future Need for Affordable Housing from Black and Minority Ethnic Communities in England.' ENHR New Researchers' Colloquium, Dublin, Ireland, 05 July 2008.

'A bounded 'choice': understanding the factors affecting black and minority ethnic (BME) housing needs and aspirations in the UK.' Housing Studies Association Annual Conference: Housing and Cohesion, York, 02-04 April 2008.

Ms Sarah Monk

Presentation on 'S106 Good Practice Guide.' Harlow, 09 October 2008.

Presentation on 'S106 Good Practice Guide' Inspire East conference, Stansted, 29 September 2008.

'Increasing housing supply: barriers to land assembly.' ENHR conference, Dublin, 05-09 July 2008.

'Policy and prejudice: delivering affordable housing through the planning system in Wales.' HSA conference, York, 02-04 April 2008.

Mr Michael Jones

'Promoting mixed communities through balanced lettings and asset management.' (with Morrison, N) Planning Research Conference, Belfast, March 2008.

Dr Paul Sanderson

'Stakeholder Salience in Regulatory Relations: A Role for Value Concordance.' University of Cambridge CBR Corporate Governance Seminar series, 10 March 2008.

Professor Christine Whitehead

'The Privatisation of Social Housing in Europe.' IPD European Residential Property Investment Conference, Amsterdam, 30 October 2008.

'RSLs and the Credit Crunch.' HMPA and HAs Analysis Week, DCLG, London, 26 September 2008.

'New and higher projections of future population in England.' (with Holmans, A) Town and Country Planning Association, London, 19 September 2008.

'Property Taxation Report – Initial Thoughts.' Shelter, 8 September 2008.

'Findings from the ENHR Working Group Questionnaire.' (with Lunde, J and Scanlon, K) ENHR International Conference, Dublin, 7-9 July 2008.

'Delivering Affordable Housing in London Affordability and Ownership Conference.' London, 12 June 2008.

'Achieving Affordable Housing through the Land Use Planning System.' Shanghai Forum, 25-27 May 2008.

'The Future of Social Housing.' (with Monk, S) Department of Communities and Local Government, London, 12 May 2008.

'Challenges in Providing Affordable Housing through the Market.' Oslo, 23 April 2008.

'Do shared equity products make sense in the housing market?' (with Yates, J - University of Sydney) Property/Finance Research Seminar, University of Aberdeen, 18 April 2008.

'Les effets de la privatisation du logement social en Grande Bretagne.' 2ieme Rencontre du Logement Le Logement Social Centre de la Vieille-Charité, Marseille, 13 March 2008.

'Modelling the Take-up of Low Cost Home Ownership Products – an Update.' (with Cho, Y - Oxford Brookes) ENHR Economic Workshop, Vienna, February 2008.

'The Density Debate – a Personal View.' East Thames Housing Group, The Building Centre, London, 24 January 2008.

'The Impact of Migration on London's Housing System.' (Based on work by Ian Gordon, Tony Travers and Christine Whitehead), ENHR Working Group on Private Rented Markets, Dublin, 21-22 January 2008.

'The Impact of Migration on Housing and Local Services in London.' (Based on work by Ian Gordon, Tony Travers and Christine Whitehead) URC Informal Seminar, 14 January 2008.

Publications

Refereed Journal Articles

Burgess, G 'Planning and the Gender Equality Duty – why does gender matter?' *People, Place & Policy Online* 2(3): 112-21, 2008. [ISSN 1753-8041] [doi: 10.3351/ppp.0002.0003.0001]

Burgess, G and Monk, S 'Delivering Affordable Housing through the Planning System: Challenges and Good Practice.' *Journal of Housing, Care and Support* 11(3): 4-8, November 2008. [ISSN: 1460-8790]

Rice, C, Udagawa, C, Thomson, H and McGregor, N 'Do Hours Matter? The Relationship between Motivation and Study Intensity in Learners of English in Scotland.' *The Social Science Journal* 45(3): 457-75, September 2008. [ISSN: 0362-3319] [doi: 10.1016/j.soscij.2008.07.009]

Tang, C P Y 'Between 'market' and 'welfare': rent restructuring policy in the housing association sector, England.' *Housing Studies* 23(5): 737-59, September 2008. [ISSN: 0267-3037] [doi: 10.1080/02673030802253814]

Scanlon, K, Lunde, J and Whitehead, C 'Mortgage product innovation in advanced economies: more choice, more risk.' *European Journal of Housing Policy* 8(2): 109-31, June 2008. [ISSN: 1461-6718] [doi: 10.1080/14616710802037359]

Books and Reports: Externally Published

Burgess, G 'Building England's Mixed Communities: Negotiating the 'Mix'.' Winner of the Bengt Turner Award, European Network of Housing Research, 2008.

Clarke, A, Markkanen, S and Whitehead, C *Sharing in Success: An Economic Evaluation of Emmaus Village Carlton*. Emmaus UK, 2008.

Clarke, A, Fenton, A, Holmans, A, Markkanen, S, Monk, S and Whitehead, C *Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand: Paper One – The Profile of Affordable Housing Residents*. CIH/ Housing Corporation, 2008.

Clarke, A, Fenton, A, Markkanen, S, Monk, S and Whitehead, C *Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand: Paper Two – Living in Affordable Housing*. CIH/ Housing Corporation, 2008.

Clarke, A, Fenton, A, Markkanen, S, Monk, S and Whitehead, C *Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand: Paper Three – Moving Within and Leaving Social Housing*. CIH/ Housing Corporation, 2008.

Clarke, A, Fenton, A, Markkanen, S, Monk, S and Whitehead, C *Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand: Paper Four – Moving into Social Housing*. CIH/ Housing Corporation, 2008.

Clarke, A, Fenton, A, Markkanen, S, Monk, S and Whitehead, C *Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand: Paper Five – Tenure Aspirations and Shared Ownership*. CIH/ Housing Corporation, 2008.

Fenton, A, Clarke, A, Markkanen, S, Monk, S and Whitehead C *Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand: Paper Six – Affordable Housing in London: Needs and Provisions, Aspirations and Realities*. CIH/ Housing Corporation, 2008.

Markkanen, S, Clarke, A, Fenton, A, Monk, S and Whitehead, C *Understanding Demographic, Spatial and Economic and Impacts on Future Affordable Housing Demand: Paper Seven - BME Housing Needs and Aspirations*. CIH/ Housing Corporation, 2008.

Clarke, A, Fenton, A, Markkanen, S, Monk, S and Whitehead, C *Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand: Paper Eight – Regional Differences in Demand for Affordable Housing*. CIH/ Housing Corporation, 2008.

Gordon, I, Travers, T and Whitehead, C *London's Place in the UK Economy*. City of London, 2008.

Holmans, A *Prospects for UK Housing Wealth and Inheritance*. Council of Mortgage Lenders, 2008.

Holmans, A, Monk, S and Whitehead, C *Homes for the Future: A New Analysis of Housing Need and Demand in England*. Shelter, 2008.

Markkanen, S *Integration or Discrimination: Opportunities and Barriers to Appropriate Paid Employment for Healthcare Professional Refugees in Finland*. 2008. (PhD Thesis, published on-line as part of the Institute of Migration Web reports series).

- Martindale, K A 'Endless villages: Urban sprawl and English rural settlements' in *Association of Collegiate Schools of Planning Conference Proceedings*. ACSP, 2008.
- Martindale, K A 'Physical space and environmental design in sports developments.' In Roibás, A, Stamatakis, E & Black, K (eds) *Design for Sport*. Gower, forthcoming 2009.
- Martindale, K A and Stamatakis, E 'London 2012 Olympics and Paralympics: a springboard to the future.' In Roibás, A, Stamatakis, E & Black, K (eds) *Design for Sport*. Gower, forthcoming 2009.
- Monk, S, Burgess, G and Holmans, A *Beyond the Affordable Housing Study Stage II: A Review and Analysis of Changes in the Intermediate Housing Market in the East of England 2004-2007*. East of England Regional Assembly, 2008.
- Monk, S, Burgess, G, Cousins, L and Dunmore, K *Good Practice Guide to Delivering New Affordable Housing on S106 Sites*. Inspire East and East of England Development Agency, 2008.
- Monk, S, Burgess, G, Cousins, L and Dunmore, K *Practice Guidance on Affordable Housing Clauses in Section 106 Agreements for Local Planning Authorities in Wales*. Welsh Assembly Government, 2008.
- Monk, S, Clarke, A and Whitehead, C 'Understanding the demand for social housing.' In Fitzpatrick, S & Stephens, M (eds) *The Future of Social Housing*. Shelter, 2008.
- Monk, S, Whitehead, C and Martindale, K A *HMPA Expert Panel Commissioning Requirement: Increasing Housing Supply*. Department for Communities and Local Government, 2008.
- Scanlon, K and Whitehead, C *Social Housing in Europe II*. LSE, 2008.
- Whitehead, C *The Density Debate; a Personal View*. East Thames Housing Group, 2008.
- Whitehead, C, Burgess, G and Lyall Grant, F *Low Cost Home Ownership: Affordability, Risks and Issues*. Housing Corporation, 2008.
- Whitehead, C, Martindale, K A and Jones, M 'Housing.' In Bates, R (ed) *Poor Choices: The Limits of Competitive Markets in the Provision of Essential Services to Low-Income Consumers*. Energy Watch, 2008.
- Whitehead, C, Monk, S, Burgess, G, Clarke, A and Holmans, A *Rapid Evidence Review of the Research Literature on the Impact of Worsening Affordability*. National Housing and Planning Advice Unit, 2008.
- Whitehead, C, Monk, S, Burgess, G, Crook, T and Rowley, S *Common Starting Points for Section 106 Affordable Housing Negotiations*. Department of Communities and Local Government, 2008.
- Whitehead, C, Monk, S, Clarke, A, Holmans, A and Markkanen, S *Measuring Housing Affordability: A Review of Data Sources*. National Housing and Planning Advice Unit, 2008.

Policy Articles

- Clarke, A and Markkanen, S 'Housing for an ageing society: high pressure.' *Inside Housing*, January, 2008.
- Holmans, A and Whitehead, C 'New and higher projections of future population in England – a first look at their implications for households and housing.' *Town and Country Planning Tomorrow Series*, Paper 10, 2008.

Monk, S 'Barriers to land assembly and site development: implications for policy.' In Green, B (ed) *Housing Market Intelligence*, 34-37pp, 2008.

Whitehead, C, Lund, J and Scanlon, K 'Interest-only and longer-term mortgages: easier access, more risk.' in *A Review of Europe's Mortgage and Housing Markets*. Hypostat, 2007.

Internally Published

Cao, B and Whitehead, C *The Use of Rent Caps in the Rent Restructuring Regime, 2005/06 and 2002/03*. Dataspring report on behalf of the Housing Corporation, 2008.

Clarke, A, Fenton, A, Holmans, A, Markkanen, S, Monk, S and Whitehead, C *Executive Summary - Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand*. 2008.

Clarke, A, Fenton, A, Holmans, A, Markkanen, S, Monk, S and Whitehead, C *Source Document - Understanding the Demographic, Spatial and Economic Impacts on Future Affordable Housing Demand*. 2008.

Holmans, A *Homes for the Future: A New Analysis Technical Report*. 2008.

Lyall Grant, F and Whitehead, C *NROSH Lessons Learned Phase II*. Dataspring report on behalf of the Housing Corporation, 2008.

Spenceley, J *Trends in Housing Association Stock in 2007*. Dataspring briefing paper on behalf of the Housing Corporation, 2008.

Udagawa, C *Comparison between Housing Association Sector and Private Sector Rental Rates of Return across England: 1998/99 to 2006/07*. Dataspring full report on behalf of the Housing Corporation, 2008.

Udagawa, C *Comparison of Registered Social Landlord Rents with Owner Occupier Costs, 1998/99 to 2006/07*. Dataspring full report on behalf of the Housing Corporation, 2008.

Udagawa, C *Detailed Analysis of Housing Association Rents and Rental Rates of Return: 1998/99 to 2006/07*. Dataspring full report on behalf of the Housing Corporation, 2008.

Udagawa, C *Detailed Analysis of Private Rents and Rental Rates of Return: 1996/97 to 2006/07*. Dataspring full report on behalf of the Housing Corporation, 2008.

Udagawa, C *Detailed Analysis of the Pattern of Registered Social Landlord Rents: 2001/02 – 2006/07*. Dataspring full report on behalf of the Housing Corporation, 2008.

Whitehead, C and Cao, B *Comparing Rents and User Costs 2005/06 and 2001/02*. Dataspring report on behalf of the Housing Corporation, 2008.

Other activities

Ms Anna Clarke

- Member of the European Network for Housing Research.
- Member of the Advisory Group for Achieving Mobility in the Intermediate Housing Market research by the University of York for the Joseph Rowntree Foundation.
- Member of the Housing Studies Association.

Mr Alex Fenton

- Fellow, Royal Anthropological Institute.
- Associate, Centre for Analysis of Social Exclusion, LSE.
- Member, Young Apeldoorn Network.
- Designer/Developer, Weft QDA qualitative data analysis software.

Mr Alan Holmans

- Member of Academy of Learned Societies for the Social Sciences.
- Consultant to the Office of the Deputy Prime Minister on household projections.
- Treasurer of the Housing Studies Association.

Mr Michael Jones

- Chair of Board, Homes for Haringey (ALMO of L. B. Haringey).
- Board Member, Hounslow Homes (ALMO of L. B. Hounslow).
- Member of the European Network for Housing Research.
- Member of the Housing Studies Association.

Ms Fiona Lyall Grant

- Member of the European Network for Housing Research.
- Member of the ENHR working group: Committees and Joint Projects.
- Member of the Housing Studies Association.

Dr Katharine Martindale

- Senior Consultant, Urban Land Institute – Europe, London.
- Committee Member, Campaign to Protect Rural England.
- Member of the American Planning Association, Urban Land Institute, Planners Network and Association of Collegiate Schools of Planning.
- British Urban Regeneration Association.
- Collaborative Democracy Network.
- Royal Town Planning Institute Rural Network.
- Sustainable Development Research Network.
- Referee for OPOLIS, Town Planning Review, Planning Theory and Practice and Earthscan Publishing.

Dr Sanna Markkanen

- Member of the Housing Studies Association.
- RASMUS Network.

Ms Sarah Monk

- Referee: *Environment and Planning A, Housing Studies, Journal of Rural Studies, European Journal of Housing Policy, Journal of Housing and the Built Environment, Local Economy, Planning Theory and Practice.*
- Senior Member and Director of Studies in Land Economy, Wolfson College.
- Member of the European Network for Housing Research.
- Member of the Housing Studies Association.
- External examiner, University of Glasgow Department of Urban Studies.

Mr Paul Sanderson

- Member of the European Group of Public Administration.

- Member of the European Group on Organization Studies.
- Fellow of the Higher Education Academy.
- Conference chair: 3rd Annual Cambridge Regulation, Inspection & Improvement Conference 'Changing Configurations in the Regulation of Health and Social Care' Homerton College, Cambridge, 18 November.

Mrs Jennie Spenceley

- Member of the Housing Studies Association.
- Member of the European Network of Housing Research.

Dr Connie P Y Tang

- Member of the Housing Studies Association.
- Member of the European Network of Housing Research.

Mr Chihiro Udagawa

- Member of the Housing Studies Association.
- Member of the European Network of Housing Research.

Professor Christine Whitehead

- Member of Academy of Learned Societies for the Social Sciences.
- Advisor to House of Commons Select Committee on Communities and Local Government.
- Member of Editorial Boards of *Housing Studies*, *Land Economics*, *Journal of Housing Research*.
- Honorary Associate of the Royal Institute of Chartered Surveyors.
- Fellow, Society of Property Researchers.
- Member of RICS Research Advisory Group.
- Deputy Chairman, European Network of Housing Research.
- Joint Coordinator of ENHR Housing Finance Working Group.
- External assessor MIT Real Estate Programme.
- Board Member Moscow Urban Institute.

Land Economy seminar series

Lent Term 2008

- 23 January *Assessment of Economic Drivers of Land Use Change in Urban Ecosystems of Delhi, India.* Dr Pushpam Kumar, Department of Geography, University of Liverpool.
- 30 January *The contradictions of sustainable consumption.* Professor Edwin Zaccai, Centre of Sustainable Development, Université Libre de Bruxelles.
- 06 February *Valuing Complex NonMarket Goods: The case of Air Pollution Reductions.* Dr Hugh Metcalf, Business school & Institute of Health and Society, Newcastle University.
- 13 February *The theory of transition and its relevance to planning theory and practice; examples on regional development, peri-urban relations and energy.* Professor Gert de Roo, University of Groningen, The Netherlands.
- 20 February *Rent seeking and the CAP - Do member countries free ride on lobbying?* Dr Johannes Sauer, Imperial College at Wye & University of Copenhagen.
- 27 February *Virtual London: Using Large Scale 3D Models for Spatial Analysis.* Dr Mike Batty, CASA, University College London.
- 05 March *Enclosure of the urban commons.* Professor Chris Webster, School of City and Regional Planning, Cardiff University.
- 12 March *Creation of the Industrial Community From Cain to Chaucer and the New England Puritans.* Professor John Mullin, University of Massachusetts, USA.

Michaelmas Term 2008

- 15 October *Planning flood risk management for London and the Thames estuary.* John Corkindale, Environment Agency & School of Surveying and Planning, Kingston University.
- 22 October *Population Growth, Land Use & Planning Transformation in China.* Professor Jinming Yan, Vice Dean, School of Public Administration & Professor of Land Management Department, Renmin University of China.
- 29 October *Conservation and Economics: good friends in crazy times.* Dr Brendan Fisher, Centre for Social and Economic Research on the Global Environment, University of East Anglia.
- 05 November *Housing Prices and Urban Spatial Structure.* Professor JunJie Wu, Oregon State University, USA Environmental Amenities.
- 12 November *The Carbon Catch-22: Financial Energy Systems Change.* Mr Stephen Stretton,

4CMR, Department of Land Economy, University of Cambridge.

19 November *Decrypting cities in mutation in regard to Brownfield trajectories: Evidences from France and Switzerland.* Dr Lauren Andres, Visiting post-doctoral researcher, Department of Land Economy, University of Cambridge and Grenoble University, France.

26 November *Regional integration, land-lockedness and international growth spillovers.* Dr Mark Roberts, Department of Land Economy, University of Cambridge.

03 December *Does geography matter for the Clean Development Mechanism?* Dr Yongfu Huang, 4CMR, Department of Land Economy, University of Cambridge.

Health & Safety Report

The Department has an active Health and Safety Committee that meets on a regular basis through the year. The Department's Health and Safety Policy document was kept under review. Fire Wardens are appointed from around the Department and the evacuation procedures have been discussed and tested. We have continued to press the Estate Management and Building Service to complete the work on issues arising from the Fire Risk Assessment Action Plan. Various national and international issues have been potential causes of concern during the period, such as the Fire Strike and the SARS outbreak. We have also been concerned with more specifically local issues, such as the provision of a panic button in Reception and the prevention of unwanted e-mails.

Ian Hodge
Chair of the Health and Safety Committee

PhD Students

PhDs approved 2008

Ms Yaping Deng [Professor Peter Nolan]
The impact of the Olympic Games on Chinese development: A multi-disciplinary analysis.

Ms Lyubov Fakhrutdinova [Dr Ha-Joon Chang]
Development of intellectual property rights in post-Soviet Russia.

Ms Solava Ibrahim [Dr Shailaja Fennell, EEP]
The Self-help Initiatives of the Poor: Road to Sustainable Poverty Reduction in Egypt?

Mr Andres Lopez [Dr Unai Pascual, EEP]
Government Spending Decisions, Agricultural Income, Trade and The Environment: Latin America (1985-2001).

Ms Nitya Mohan [Dr Shailaja Fennell, EEP and Dr Anthony Lawson]
Gender, health care and decentralization: Conflict and cooperation in two Indian states.

Ms Katrina Mullan [Dr Andreas Kontoleon, EEP]

Impact of conservation policies on household incentives and welfare in rural China.

Ms Isyvani Naicker [Dr Anthony Lawson]

The nature of the ecosystem.

Ms Cassandra Sweet [Dr Shailaja Fennell, EEP]

The Political Economy of South-South Trade: Indian Pharmaceuticals in Brazil.

Ms Yuepeng Zhao [Professor Peter Nolan]

Asset management companies: Is it an ideal solution to dispose non-performing loans of China's state owned commercial banks? Case of Huarong.

Mr Qingheng Zhu [Professor John Glascock]

Investigating the determinants of the capital structure of UK listed real estate.

PhDs currently under examination

Ms Chan Hsiao [Dr Shailaja Fennell, EEP]

The R&D Internationalisation of Multinational Enterprises in the Host Countries: The Case of IBM, Nokia, Motorola and Microsoft in Taiwan and in China.

Mr Mirza Jahani [Dr Shailaja Fennell, EEP]

Grassroots organisation in Tajikistan.

Mr Frank Madsen [Professor Kern Alexander]

International finance flows of undeclared origin.

Mr Claudio Santibanez [Dr Shailaja Fennell, EEP]

Measurement of inequality from multidimensional approach: A basis for policy making.

Mr Per Stromberg [Dr Unai Pascual, EEP]

Markets for biodiversity goods and services.

Mr Supachold Suphachalassi [Dr Toke Aidt and Dr Unai Pascual, EEP]

Corruption and tropical deforestation.

PhD Students 2008/09

Mr Gideon Kofi Agbley [Dr Shailaja Fennell, EEP]

Social mobility through the capability perspective: A case study of Ghana.

Mr Antonio Andreoni [Professor Ha-Joon Chang]

Technological Capability Building: production process, firm-level learning and social norms.

Ms Annela Anger-Kraavi [Dr Terry Barker, EEP / 4CMR]

Aviation and Emission Trading.

Ms Diane Archer [Dr Derek Nicholls, EEP]

Assessing the social impacts of participatory slum upgrading: a case study of four Bangkok communities.

Ms Qing Bai [Professor John Glascock]

Creation of real estate futures and options markets: based on REITS and IPD indices.

Ms Yurendra Basnett [Professor Ha-Joon Chang]

Title TBC

Ms Carolina Troncoso Baltar [Professor Philip Arestis, REUA / CCEPP]

Industry, international trade and growth in the Brazilian economy.

Mr Werner Bäumker [Professor John Glascock]

Economic performance of listed real estate.

Ms Basak Beyazay Odemis [Professor Peter Nolan]

Title TBC

Mr Anderson Cavalcante [Professor Philip Arestis, REUA / CCEPP]

Regional Financial Systems and Economic Growth in Brazil.

Ms Thanyaporn Chankrajang [Dr Mark Roberts, REUA / CCEPP]

An improvement in land right security in agriculture and the allocation of labour between agricultural and non-agricultural sectors: Evidence from Thailand.

Ms Nidhi Chaudhary [Mr Barry Moore, REUA]

Title TBC

Ms Zubaida Choudhury [Professor Ian Hodge, EEP]

Ground water arsenic pollution in Bangladesh: A study of water consumption behaviour and decision-making processes within rural communities.

Mr Jonathan Darby [Dr Catherine McKenzie, EEP]

Extending the mandate: The UN Security Council and the environment.

Mr Riddhi Dasgupta [Dr Martin Dixon, REUA]

Title TBC

Mr Phuong Tran Doan [Dr Kanak Patel, REUA]

Title TBC

Mr Juan Luis Eugenio Martin [Dr Unai Pascual, EEP]

Multicriteria evaluation of sustainable tourism development projects.

Ms Yan Gao [Dr Shailaja Fennell, EEP]

An investigation into urban-rural income disparities in post-reform China.

Mr Yuning Gao [Professor Peter Nolan]

Workshop of the World? China in the International Manufacturing Division.

Ms Ksenia Gerasimova [Professor Peter Nolan]

Evaluation of the effectiveness of the non-governmental organizations in Russia.

Ms Charlotte Goodburn [Professor Peter Nolan]

Poverty among rural migrant children in India and China: A comparative study of two cities.

Ms Nazia Sharmin Habib-Mintz [Professor Peter Nolan]

To What Extent and How do Biofuel Crops Affect Food Security?

Ms Donhatai Harris [Dr Andreas Kontoleon, EEP]

The Nature and Causes of Favouritism: Using Experimental Economics Techniques as well as Primary Attitudinal and Socio-Economic Survey Data.

Mr Tadashi Hirai [Dr Flavio Comim]

Human development and distribution.

Ms Hui-Ching Hsieh [Professor John Glascock]

Analyses of Asian listed real estate companies.

Ms Jennifer Hsu [Dr Shailaja Fennell, EEP]

Civil society development in China: A case study of migrant civil society organisations in Beijing and Shanghai.

Mr Muhammad Irfan [Dr Ha-Joon Chang]

Title TBC

Ms Hiroe Ishihara [Dr Unai Pascual, EEP]

Whose value should be valued in Environmental Policy formulation; Power relations and environmental evaluation?

Ms Katie Jenkins [Dr Terry Barker, EEP / 4CMR and Dr Rachel Warren]

The impacts and consequences of extreme drought and flood events on the economy.

Mr Veerayooth Kanchoochat [Dr Ha-Joon Chang]

Title TBC

Mr Scott Kelly [Dr Terry Barker, EEP / 4CMR]

Critical path decarbonisation of energy demand and supply using complex large interconnected systems methodologies.

Mr Li Lin [Professor Peter Nolan]

Convergence and the transformation of telecommunications industry: The case of traditional fixed line service providers and the equipment manufacturers.

Mr Pedro Matos [Dr Bernard Fingleton]

The economic impact of hosting hallmark sports events.

Ms Ramona Meyricke [Dr Terry Baker, EEP / 4CMR]

Modelling policies for decarbonisation of the global economy.

Ms Catherine Mulligan [Professor Peter Nolan]

The Communications Industries in the Era of Convergence: System Integrators, Co-Ordination Goods and the Information Domain.

Mr Ulf Narloch [Dr Unai Pascual, EEP]

Payment for agrobiodiversity conservation services in poor farming communities.

Mr Christian Nickels-Teske [Professor John Glascock]

Shariah compliant investment and financing structures in Central and Eastern Europe.

Mr Adewale Oparinde [Professor Ian Hodge, EEP & Dr Ekin Birol]

Impact of HPAI Outbreaks and Threats on Livelihoods in Rural Nigeria.

Ms Jung Mi Park [Professor Peter Nolan]

Industrial policy in the transition economies: The case of the Russian oil industry.

Mr Gabor Pinter [Dr John McCombie, REUA / CCEPP]

Title TBC

Mr Ravindren Ponniah [Dr Shailaja Fennell, EEP]

Third world housing.

Mr David Schmeisser [Professor Peter Nolan]

To what extent and why does the emergence of China affect the structure and geography of global production networks? A case study of of a multinational engineering company and its supply chains in Germany and China.

Mr Peter Scott [Professor John Glascock]

Behavioural Economics: A New Tool for Understanding Real Estate.

Ms Anupama Sen [Professor Peter Tyler, REUA]

The Impact of Deregulation and Reform of the Electricity Sector on Regional Economic Development in India.

Mr Tuo Shi [Professor Peter Tyler, REUA]

Title TBC

Ms Nan Song [Dr Elisabete Silva, REUA]

The Role of Territorial Competition in 'Inner Mongolia Phenomenon': Exploring planning strategies for sustainable development in Inner Mongolia, China.

Mr Saulo Santos de Souza [Dr Elisabete Silva, REUA]

Land reform, regional planning and socioeconomic development in Brazil.

Ms Arpaporn Sumrit [Dr Shailaja Fennell, EEP]

Engendering trade liberalisation: Rural women and the rice sector in Vietnam.

Mr Hean Michael Tai [Professor Peter Nolan]

Title TBC

Ms Kanittha Tambunlertchai [Dr Andreas Kontoleon, EEP]
Voluntary Environmental Programs in Developing Countries: An Examination of the ISO 14001 Environmental Management System Certification in Thailand.

Ms Min Tang [Dr William Seabrooke, REUA]
The definition, evaluation and development of Real Estate Market Transparency (REMT) in developing countries: A comparison study between China and other selective emerging markets.

Ms Maryam Tanwir [Dr Shailaja Fennell, EEP]
Bureaucracy in the Third World, A Qualitative Perspective.

Ms Svetlana Tashchilova [Dr Terry Barker, EEP / 4CMR]
A Multi-Gas Approach to Climate Change Mitigation: energy-environment-economy modelling and analysis of global post-2012 policy regimes for non-CO2 greenhouse gases.

Ms Olga Ulybina [Dr Shailaja Fennell, EEP]
Institutional Change in the Forest Sector: Russian Experience.

Mr Hong Wang [Professor John Glascock]
Risk and Return Characteristics of Chinese Listed Real Estate Companies.

Ms Mei Wang [Dr Helen Bao, REUA]
2008 Olympic Game impacts On Beijing real estate market - the effect of infrastructure improvement on affordable housing provision and private property price.

Mr Ning Wu [Dr Elisabete Silva, REUA]
Artificial intelligence solutions for the models of dynamic land use change.

Mr Quian Xu [Professor John Glascock]
Title TBC

Mr Jin Zhao [Dr Helen Bao, REUA and Dr Danilo Iglioni, EEP]
Spatial econometrics.

Mr Xuan Zhou [Dr William Seabrooke, REUA]
Informal institutional arrangements of China land market.

Undergraduate teaching

Tripes papers 2007/08

Part IA

- Paper 1, Economics
- Paper 2, Public Law
- Paper 3, Accounting and Data Evaluation
- Paper 4, Land, Environment and Structural Change

Part IB and Part II

- Paper 5, Environmental Economics, Law and Policy
- Paper 6, Fundamentals of Finance and Investment
- Paper 7, Regional Economics
- Paper 8, Law of Real Property: Principles, Policy and Economic Implications
- Paper 9, Private Law
- Paper 10, The Built Environment
- Paper 11, Land and Urban Economics
- Paper 12, Law and Economics

Part II

- Paper 13, Landlord and Tenant Law
- Paper 14, Planning Law and Policy
- Paper 15, Advanced Techniques in Finance and Investment for Real Estate
- Paper 16, Agriculture, Forestry and Rural Development
- Paper 17, Land Policy and Development Economics

Undergraduate profile

Year	IA	IA, IB & II	Average A-level score for entry to Part IA
	% Women	% Women	
2000-01	61	48	36
2001-02	43	51	38
2002-03	37	47	35
2003-04	54	45	437
2004-05	54	51	432
2005-06	50	52	436
2006-07	47	50	441
2007-08	46	49	458
2008-09	51	47	436

Undergraduate student numbers by cohort

Cohort	Transfers In	Registered (October)	Withdrawn/ Transfers Out	Not for Honours	Exam entry
2000-2003					
2000/01: Part IA	0	35	3	0	32
2001/02: Part IB	6	38	2	0	36
2002/03: Part II	0	36	6	0	30
2001-2004					
2001/02: Part IA	0	43	4	0	39
2002/03: Part IB	2	41	0	0	41
2003/04: Part II	0	41	6	0	35
2002-2005					
2002/03: Part IA	0	43	2	1	40
2003/04: Part IB	1	41	1	0	39**
2004/05: Part II	0	40	2	0	38
2003-2006					
2003/04: Part IA	0	52	3	0	48**
2004/05: Part IB	4	53	2	0	51
2005/06: Part II	3	54	6	0	48
2004-2007					
2004/05: Part IA	0	37	0	0	37
2005/06: Part IB	6	43	2	0	40**
2006/07: Part II	1	42	8	0	34
2005-2008					
2005/06: Part IA	0	56	4	0	52
2006/07: Part IB	3	55	4	0	51
2007/08: Part II	2	53	2	0	51
2006-2009					
2006/07: Part IA	0	47	3	0	44
2007/08: Part IB	2	46	1	0	45**
2008/09: Part II	1	47	6	0	41
2007-2010					
2007/08: Part IA	0	57	1	0	56
2008/09: Part IB	8	64	3	0	61
2008-2011					
2008/09: Part IA	0	64	1	0	63

* +1 for MPhil prep

** +1 Declared to have deserved honours

Undergraduate examination performance by cohort

Cohort	Number Entered for Exams	I	II.1	II.2	III	Ord	Fail	Declared to have deserved honours
2000-2003								
2000/01: Part IA	32	3	25	4	0	0	0	0
2001/02: Part IB	36	1	23	12	0	0	0	0
2002/03: Part II	30	4	20	5	0	0	0	1
2001-2004								
2001/02: Part IA	39	4	34	1	0	0	0	0
2002/03: Part IB	41	3	24	13	1	0	0	0
2003/04: Part II	35	5	27	3	0	0	0	0
2002-2005								
2002/03: Part IA	40	4	27	6	3	0	0	0
2003/04: Part IB	40	5	25	9	0	0	0	1
2004/05: Part II	38	8	28	2	0	0	0	0
2003-2006								
2003/04: Part IA	48	5	26	16	1	0	0	0
2004/05: Part IB	51	4	38	8	1	0	0	0
2005/06: Part II	48	8	36	2	0	2	0	0
2004-2007								
2004/05: Part IA	37	3	22	10	1	0	0	1
2005/06: Part IB	40	3	29	8	0	0	0	1
2006/07: Part II	34	8	22	3	0	1	0	0
2005-2008								
2005/06: Part IA	52	3	33	15	1	0	0	0
2006/07: Part IB	51	5	37	7	2	0	0	0
2007/08: Part II	51	9	40	2	0	0	0	0
2006-2009								
2006/07: Part IA	44	7	23	11	2	0	0	1
2007/08: Part IB	46	3	36	4	2	0	0	1
2007-2010								
2007/08: Part IA	56	3	41	10	2	0	0	0

* +1 not for honours

Postgraduate Teaching

Research student numbers (PhD, MSc/MLitt & Opt 'A')

Year	PhD	Unregistered**	MSc/MLitt	Opt 'A'***
2001-02	31	11	1	0
2002-03	34	7	1	4
2003-04	51	16	1	2
2004-05	55	21	0	0
2005-06	61	17	0	3
2006-07	57	30	0	4
2007-08	64 (+1*)	26	0	0

Year	PhD	Unregistered**	MSc/MLitt	LET***
2008-09	88	31	1	5

***Option 'A' was renamed MPhil in Land Economy (by thesis) - LET

**Candidates for the PhD remain unregistered in the first instance pending an assessment of their progress

* Candidate was withdrawn

Taught MPhil student numbers

Year	Opt 'B'	REF	PGR	EP	Total
2001-02	12	17	2	5	36
2002-03	15	15	6	4	40
2003-04	6	33	14	12	65
2004-05	7	43	6	13	69
2005-06	8	50	10	12	80
2006-07	12	44	11	16	83

Year	LER*	REF	PGR	EP	Total
2007-08	4	47	14	14	79
2008-09	1	65	18	21	105

*From October 2007 MPhil Option B was rescinded and replaced by the MPhil in Land Economy Research (LER).

Taught MPhil examination performance

Year	Subject	Pass	Withdrawn	Fail	Total	Distinction*
2001/02	Opt 'B'	12	0	0	12	4
	REF	15	1	1	17	1
	PGR	2	0	0	2	1
	EP	4	0	1	5	3
2002/03	Opt 'B'	15	0	0	15	1
	REF	14	0	1	15	1
	PGR	6	0	0	6	-
	EP	4	0	0	4	-
2003/04	Opt 'B'	6	0	0	6	-
	REF	32	1	0	33	4
	PGR	14	0	0	14	-
	EP	12	0	0	12	2
2004/05	Opt 'B'	7	0	0	7	-
	REF	42	0	1	43	5
	PGR	6	0	0	6	-
	EP	13	0	0	13	2
2005/06	Opt 'B'	8	0	0	8	-
	REF	50	0	0	50	8
	PGR	10	0	0	10	3
	EP	12	0	0	12	4
2006/07	Opt 'B'	12	0	0	12	3
	REF	44	0	0	44	9
	PGR	11	0	0	11	3
	EP	16	0	0	16	6
2007/08	LER	4	0	0	4	3
	REF	47	0	0	47	10
	PGR	14	0	0	14	5
	EP	14	0	0	14	8

* While there is no formal distinction, candidates who achieve a particularly high mark (broadly equivalent to a 1st class pass) are sent a letter of commendation by the Secretary of the Degree Committee.

Student Prizes 2007/2008

Estate Management Development Fund Part IA Prize

For best overall performance in Part IA

Alexander Reid, St John's and Charlotte Terry, Trinity Hall

The Royal Institution of Chartered Surveyors Prize

For best overall performance in Part IB

Riddhima Gandhi, Homerton

Noel Dean Prize (CULS)

For best performance in Part II

Kirill Zavodov, St Edmund's

Sweet & Maxwell Law Prize

For best performance in Paper 5, Environmental Economics, Law & Policy

Nilima Shah, Magdalene

Gordon Cameron Memorial Prize (CULS)

For best performance in Paper 7, Regional Economics

Ting Lau, Fitzwilliam

Mike Turner Prize (CULS)

For best performance in Paper 15, Advanced Techniques in Finance and Investment for Real Estate

Kirill Zavodov, St Edmund's

Estates Management Development Fund Prize

For best performance in the Part II Dissertation

Kirill Zavodov, St Edmund's

Douglas Blausten Prize (CULS)

For the highest mark in RE02: Real Estate Development

Eva Steiner, Peterhouse

Loizou Memorial Award

For the highest overall mark in MPhil in Real Estate Finance

Eva Steiner, Peterhouse

Anastassiades Memorial Award

For the highest overall dissertation mark in MPhil in Real Estate Finance

Rui Wang, Sidney Sussex and Liliana Shanbhag, Trinity

Oxford University Press Prize

For the highest overall mark on EP05 Advanced international environmental law

Matthew Fedors, Fitzwilliam

Department of Land Economy
University of Cambridge
19 Silver Street
Cambridge CB3 9EP

Tel: +44(0) 1223 337147
Fax: +44(0) 1223 337130

www.landecon.cam.ac.uk