

Roger Fouquet
Curriculum Vitae
October 2019

Clement's Inn
London WC2A 2AZ

Tel: 00.44.20.7955 7368
Email: r.fouquet@lse.ac.uk

<http://www.lse.ac.uk/GranthamInstitute/profile/roger-fouquet/>

CITIZENSHIP: Dual Nationality UK/USA

CURRENT POSITION:

Associate Professorial Research Fellow
Grantham Research Institute on Climate Change and the Environment, London School of Economics and Political Science, London, United Kingdom

PAST POSITIONS:

2013-2015: Principal Research Fellow, Grantham Research Institute on Climate Change and the Environment, London School of Economics and Political Science, London, United Kingdom
2009-2013: Ikerbasque Research Professor, Basque Centre for Climate Change (BC3), Bilbao, Spain
2005-2008: Senior Lecturer, School of Economics, Faculty of Business and Economics, University of the South Pacific, Suva, Fiji
2003-2005: Research Fellow/Lecturer, Department of Environmental Science & Technology, Imperial College London, London, UK
1995-2003: Research Associate, Department of Environmental Science & Technology, Imperial College London, London, UK
1993-1996: Research Fellow, Surrey Energy Economics Centre, (S.E.E.C.), Department of Economics, University of Surrey, Guildford, UK
1992: Research Assistant, Roben Institute of Health and Safety, University of Surrey, Guildford, UK

EDUCATION:

1997: PhD Economics, University of Surrey, UK
1991: MSc Energy Economics, University of Surrey, UK
1990: BA Economics with Mathematics, University of Sussex, UK

AWARDS:

2010: Choice Magazine Outstanding Academic Title in 2009 for *Heat, Power and Light*
2006: IAEE Campbell Watkins Award for Best Paper in *The Energy Journal* 2006
1996: BIEE/Financial Times Andrew Holmes Memorial Award

SECONDMENTS:

2001: Strategy Team, The Carbon Trust, London, UK
1994: Environment and Industry Branch, Department of Trade and Industry (DTI), London, UK

VISITING APPOINTMENTS:

2012-2013: Visiting Senior Fellow, Grantham Research Institute on Climate Change, London School of Economics, UK
2012: Visiting Professor, Barcelona Graduate School of Economics, Barcelona, Spain
2005-: Honorary Research Fellow, Centre for Environmental Policy, Imperial College London.
1996-2005: Visiting Research Fellow, Surrey Energy Economics Centre, (S.E.E.C.), Department of Economics, University of Surrey, Guildford, UK
2005: Visiting Professeur, Institut Algerien de Petrol (IAP), Boumerdes, Algeria
2003: Visiting Professor, Thammasat University, Bangkok, Thailand
1998-2003: Visiting Research Fellow, Insititute for Advanced Studies Carinthia, Klagenfurt, Austria
1998-: Visiting Professeur, Centre Economie et Gestion, Institut Français de Pétrole (IFP), Rueil-Malmaison, France

ADDITIONAL RESPONSIBILITIES:

2018-: Associate Editor, Journal of Energy History
2014-: Associate Editor, New Palgrave Dictionary of Economics
2010-2013: Lead Analyst, Global Energy Assessment
1998-: Editor, Energy Economics, New Economics Papers <http://repec.org/>

PUBLICATIONS

BOOKS AND EDITED SPECIAL ISSUES:

- Fouquet, R. (2019) *Handbook on Green Growth*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.
- Fouquet, R. (2018) *The Economics of Renewable Energy*. International Library of Critical Writings in Economics. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.
- Fouquet, R. (2013) *Handbook on Energy and Climate Change*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.
- Fouquet, R. and P. J.G. Pearson (2012) *Past and Prospective Energy Transitions: Insights from History*. *Energy Policy* 50.
- Fouquet, R. (2008) *Heat, Power and Light: Revolutions in Energy Services*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.

ARTICLES:

- Fouquet, R. (2018) 'Consumer surplus from energy transitions.' *The Energy Journal* 39(3) 167-88.
- Tsao, J.Y., Schubert, E.F., Fouquet, R. and Lave, M. (2018) 'The Electrification of Energy: Long-Term Trends and Opportunities.' *MRS Energy & Sustainability*. doi:10.1557/mre.2018.6.
- Hippe, R. and Fouquet, R. (2018) 'The knowledge economy in historical perspective.' *World Economics* 18(1) 75-107.
- Fouquet, R. (2017) 'Make low-carbon energy an integral part of the knowledge economy.' *Nature* 551(7682) S141.
- van de Ven, D.J. and Fouquet, R. (2017) 'Historical Energy Price Shocks and their Changing Effects on the Economy.' *Energy Economics* 62 204-216.
- Fouquet, R. (2016) 'Path Dependence in Energy Systems and Economic Development.' *Nature Energy* 1(8) 16098.
- Fouquet, R. (2016) 'Energy Services.' *New Palgrave Dictionary of Economics*.
- Fouquet, R. (2016) 'Lessons from Energy History for Climate Policy: Technological Change, Demand and Economic Development.' *Energy Research & Social Science* 22 79-93.
- Fouquet, R. (2016) 'Historical energy transitions: Speed, prices and system transformation.' *Energy Research & Social Science* 22 7-12.
- Fouquet, R. and S.N. Broadberry (2015) 'Seven Centuries of European Economic Growth and Decline.' *Journal of Economic Perspectives* 29(4) 227-44.
- Fouquet, R. (2015) 'The allocation of energy resources in the very long run.' *Journal of Natural Resource Policy Research* (Special Issue on William Nordhaus) 7(2-3) 147-156.
- Fouquet, R. (2014) 'Long run demand for energy services: income and price elasticities over 200 years.' *Review of Environmental Economics and Policy* 8(2) 186-207.
- Fouquet, R. (2014) 'The role of energy technologies in long run economic growth.' *IAEE Energy Forum* 8(3) 11-13.
- Fouquet, R. and P.J.G. Pearson (2012) 'The long run demand for lighting: elasticities and rebound effects in different phases of economic development.' *Economics of Energy and Environmental Policy* 1(1) 83-100.
- Fouquet, R. (2012) 'Trends in income and price elasticities of transport demand (1850-2010).' *Energy Policy* 50: 50-61.
- Fouquet, R. (2012) 'The demand for environmental quality in driving transitions to low-polluting energy sources.' *Energy Policy* 50: 130-41.
- Fouquet, R. and P.J.G. Pearson (2012) 'Past and Prospective Energy Transitions: Insights from History.' Editorial for *Energy Policy* (Special Issue on Past and Prospective Energy Transitions) 50: 1-7.
- Fouquet, R. (2011) 'Divergences in long run trends in the prices of energy and energy services.' *Review of Environmental Economics and Policy* 5(2) 196-218.
- Fouquet, R. (2011) 'Long run trends in energy-related external costs.' *Ecological Economics* 70(12) 2380-9.
- Fouquet, R. (2010) 'The slow search for solutions: lessons from historical energy transitions by sector and service.' *Energy Policy* 38(11) 6586-96.
- Fouquet, R. and P.J.G. Pearson (2006) 'Seven centuries of energy services: the price and use of lighting in the United Kingdom (1300-2000).' *The Energy Journal* 27(1) 139-77.
- Fouquet, R. (2003) 'The Carbon Trading Game.' *Climate Policy* (special Emissions Trading issue) 3(2) 143-55.
- Fouquet, R. and P.J.G. Pearson (2003) 'Five centuries of energy prices.' *World Economics* 4(3) 93-119.
- Grubb, M., C. Hope and R. Fouquet (2002) Climatic implications of the Kyoto Protocol: the contribution of international spillovers. *Climatic Change* 54 11-28.

Grimston, M., V. Karakousis, R. Fouquet, R. van der Vorst, P.J.G. Pearson and M. Leach (2001) 'The European and global potential for carbon sequestration in tackling climate change.' *Climate Policy* 1(2) 155-171.

Hart, D., M.A. Leach, R. Fouquet, P.J.G. Pearson, and A. Bauen (2000) 'Methanol infrastructure - will it affect the introduction of SPFC vehicles?' *Journal of Power Sources* 86(1) 542-7.

Fouquet, R. and P.J.G. Pearson (1998) A thousand years of energy use in the United Kingdom, *The Energy Journal* 19(4) 1-41.

Fouquet, R. (1998) The United Kingdom demand for renewable electricity in a liberalised market, *Energy Policy* 26(4) 281-94.

Fouquet, R., D. Hawdon, P.J.G. Pearson, C. Robinson and P.G. Stevens (1997) The future of UK final user energy demand, *Energy Policy* 25(2), 231-40.

Gage, H. and R. Fouquet (1997) Explaining breast cancer mortality in England: the effect of socioeconomic factors and health care services. *European Journal of Cancer Prevention* 6(4) 341-50.

Pearson, P.J.G. and R. Fouquet (1996) Energy efficiency, economic efficiency and future carbon dioxide emissions from the developing world', *The Energy Journal* 17(4), 1-26.

Fouquet, R. and H. Gage (1996) The role of screening in reducing invasive cervical cancer registrations in England, *Journal of Medical Screening* 4(3)70-8.

Fouquet, R. (1995) The impact of VAT introduction on residential energy demand: an investigation using the co-integration approach. *Energy Economics* 17(3) 237-47.

CONTRIBUTIONS TO EDITED BOOKS:

Fouquet, R. and Hippe, R. (2019) 'The Transition from a Fossil-Fuel Economy to a Knowledge Economy' in Fouquet, R. (ed.) *Handbook on Green Growth*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.

Fouquet, R. (2019) 'Introduction' in Fouquet, R. (ed.) *Handbook on Green Growth*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.

Hippe, R. and R. Fouquet (2019) 'The human capital transition and the role of policy' in Diebolt, C. and Hauptert, M. (eds.) *Handbook of Cliometrics Vol.II*. Springer-Verlag.

Fouquet, R. (2018) 'Introduction' in Fouquet, R. (ed.) *The Economics of Renewable Energy*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.

Zenghelis, D., Fouquet, R., and Hippe, R. (2018) 'Stranded Assets: then and now' in Caldecott, B. (ed.) *Stranded Assets and the Environment: Risk, Resilience, and Opportunity*. Routledge. London.

Yeager, K., F. Dayo, M. Dominik, R. Fouquet, A. Gilau, R. Hosier, A. Miller, S. Rao, S. Sethi (2012) 'Economy and Energy' in N. Nakicenovic, L. Gomez-Echeverri and T.B. Johansson (eds.) *Global Energy Assessment*. Cambridge University Press. Cambridge.

Fouquet, R. (2011) 'The Sustainability of 'Sustainable' Energy Use: Historical Evidence on the Relationship between Economic Growth and Renewable Energy' in I. Galarraga, M. González-Eguino and A. Markandya (eds.) *Handbook of Sustainable Energy*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.

Fouquet, R. (2009) 'A brief history of energy' in J. Evans and L.C. Hunt (eds.) *International Handbook of the Economics of Energy*. Edward Elgar Publications. Cheltenham, UK, and Northampton, MA, USA.

P.J.G. Pearson and R. Fouquet (2003) 'Long run carbon dioxide emissions and Kuznets curves: pathways to development' in L. Hunt (ed.) *Energy in a Competitive Market*. Edward Elgar. Cheltenham.

Madlener, R. and Fouquet, R. (2002) 'Markets for tradable renewable electricity certificates Dutch experience and British prospects' *A New Era for Energy? Price Signals, Industry Structure and Environment*. Oxford University Press, Oxford.

Fouquet, R. (2000) 'Lessons for the United Kingdom from previous experiences in the demand for renewable electricity' in Mackerron, G. and P. Pearson (eds): *The International Energy Experience*. Imperial College Press, London.

Fouquet R. (1996) 'The growth of the cointegration technique in UK energy demand modelling and its relationship to dynamic econometrics' in Mackerron, G. and P. Pearson (eds): *The UK Energy Experience: Model or Warning?* Imperial College Press, London.

BOOK REVIEWS:

Fouquet, R. (2018) 'The triumphs and tragedies in energy history.' *Nature* 557 p.162-3.

Fouquet, R. (2017) 'Muscle, steam and combustion.' *Nature* 544 (7648) 29-30.

Fouquet, R. (2014) *Power to the People*. *Journal of Economic Literature* 52(4).

Fouquet, R. (2011) *Energy Transitions: History, Requirements, Prospects* (Book Review) *Environmental Innovation and Societal Transitions* 1(2).

Fouquet, R. (2009) *Global Problems, Catastrophes and Solutions*. (Book Reviews). *Journal of Economic Issues* 43(4) 1085-9.

Fouquet, R. (2001) *Climate change economics and policy*. (Book Review). *Climate Policy* 1(4) 521-3.