

Curriculum Vitae: Dr Stephen Quilley

Name:	Stephen Quilley
Institutional Address:	Environment and Resource Studies University of Waterloo 200 University Ave West Waterloo ONTARIO, N2L 3G1 Email: squilley@uwaterloo.ca Tel.: 226 821 4247
Nationality:	British
Qualifications:	
1985 A Levels	Biology (A), Chemistry (A), Physics (A),
S Levels	Biology (1)
1989 (Cambridge University)	BA (Hons.), Social and Political Science (<i>Class 2:1</i>) (Part 1 Tripos: Archaeology & Anthropology)
1992 (Birmingham University)	M.Soc.Sci, Russian & East European Studies
1993 (Manchester University)	M.A. (Econ.), Applied Social Research (<i>With Distinction + Sage Prize for Dissertation</i>)
1996 (Manchester University)	Ph.D., Sociology
2010 (Permaculture Association)	Permaculture Design Course Certificate (with Patrick Whitefield, Ragmans Lane Farm, Herefordshire)
Employment:	
Sept 2012-present	Associate Professor, Social and Ecological Innovation, University of Waterloo
Jan 2006 – 2012	Keele University: <u>Senior Lecturer Environmental Politics</u> in SPIRE. (Initially SL Environmental Politics [2/3] & Environmental Geography [1/3])
Sept 1999 – Dec 2005	Assistant and then (<u>Tenured</u>) <u>College Lecturer in Sociology</u> , University College Dublin.

- May 1996 – Aug 1999 (Contract) Research Associate for the *Manchester International Centre for Labour Studies*, and then, from 1997, Research Fellow, *ESRC Centre for Research on Innovation and Competition (CRIC)*, University of Manchester.
- Nov 1995 - Apr. 1996 Temporary Lecturer (Urban Sociology) at the Moscow School of Economic and Social Science, Moscow.
- Sept 1991 - June 1992 Advertising Manager for *Folk Roots* magazine.

Research Interests:

- **Theory:** Complexity theory, social innovation, theoretical biology, social neuroscience, social-ecological systems, innovation systems, Norbert Elias.
- **Environment:** sustainable development, green politics and environmental movements, global environmental change, human ecology, animal-human relations, environmental ethics, risk, ecological innovation, sustainable universities, ecological economics, peak oil, resilience, Transition towns, relocalization, permaculture, food systems.
- **Political economy:** regeneration, local economic development, place-marketing, sustainable cities, technological innovation, open-source economics, social innovation and systemic change.
- **Globalisation and governance:** supra-national state processes, relocalization, peak oil, open-source governance, collective action problems and the commons.

Publications:

Doctoral Dissertation

Quilley, S., (1996) *Economic Transformations and Local Strategy in Manchester*. Thesis. Ph.D. (University of Manchester: Sociology Department).

Books and special issues of journals

Loyal, S. and Quilley, S. (2004b) *The Sociology of Norbert Elias* Quilley, S. and Loyal, S. (Eds.) (Cambridge University Press).

Harvey, M., Quilley, S. and Beynon, H. (2002a) *Exploring the Tomato. Transformations of Nature, Society and Economy* (Cheltenham: Edward Elgar).

Elias, N. (2007 [1987]) *Involvement and Detachment*. 2nd Revised Edition. Vol.8 Complete Works of Norbert Elias. Ed. Stephen Quilley (Dublin: UCD Press).

Quilley, S., Leal, W. and Dobson, A. (2010a) (Eds) 'Catalyzing Sustainability: The Role of Higher Education', special Issue of the *International Journal of Environment and Sustainable Development*. Vol. 9 (4).

Peer-reviewed articles

Homer-Dixon, T., Leader Maynard, J., Mildenberger⁴, M., Milkoreit, M., Mock, S., Quilley S., Schröder, T. and Thagard, P., (2014 forthcoming) 'A complex systems approach to the study of ideology: Cognitive-affective structures and the dynamics of belief systems' *Journal of Social and Political Psychology*

Quilley S. and Loyal S. (2013) 'Wittgenstein, Gellner, and Elias: From the Philosophy of Language Games to a Figurational Sociology of Knowledge.' – *Human Figurations. Long Term Perspectives on the Human Condition* Vol. 2 (2) July 2013
<http://hdl.handle.net/2027/spo.11217607.0002.204>.

Quilley, S (2012) 'De-Growth Is Not a Liberal Agenda: Relocalization, and the limits to low energy cosmopolitanism' *Environmental Values*, 2013 (22), pp. 261-285.

Quilley S., (2012) 'System Innovation and a new "Great Transformation": Re-embedding Economic Life in the Context of De-Growth' *Journal of Social Entrepreneurship* 2012, vol. 3, issue 2, pp. 206-229

Quilley, S. (2011a), 'Entropy, the anthroposphere and the ecology of civilization: An essay on the problem of "liberalism in one village" in the long view', *Sociological Review*, 59:65–90. doi:10.1111/j.1467-954X.2011.01979.x.

Quilley, S. (2010b) 'Integrative Levels and the "Great Evolution": Organicist Biology and the Sociology of Norbert Elias' *Journal of Classical Sociology* 10(4):1-19.

Quilley, S., Dobson A. and Young W. (2010c) 'Sustainability as Competitive Advantage in Higher Education in the UK' *International Journal of Environment and Sustainable Development* Vol. 9(4) 2010: 330-348 (DOI:10.1504/IJESD.2010.035612).

Quilley, S. (2009a) 'The Land Ethic as an Ecological Civilising Process: Aldo Leopold, Norbert Elias and Environmental Philosophy' *Environmental Ethics* Summer 2009, Vol. 31 (2): pp 115- 134.

Quilley, S. (2009b) 'Transition Skills: Skills for Transition to a Post Fossil-Fuel Age' *The Handbook of Sustainability Literacy. Skills for a Changing World* by Arran Stibbe (ed.) (Peer Reviewed) (Green Books), p43-50.

Quilley, S. and Barry, J. (2008) 'Transition Towns: Survival, Resilience and the Elusive Paradigm Shift in Sustainable Living' *Eco-Politics Online*, Vol. 1(2): 12-31.

Quilley, S. and Beynon, H. (2006a) 'From Andean Weed to Culinary Staple: The Assimilation of the Tomato into Anglo-American Economy and Culture' *Food and History*, Vol. 4(1) 2006:169-220.

Quilley, S. and Beynon, H. (2005b) 'The Rise and Fall of the Guernsey Tomato' *Food and History*, Vol. 3(1) 2005:151-196.

Quilley, S. and Loyal, S. (2005c) 'Eliasiian Sociology as a Central Theory for the Human Sciences' *Current Sociology* Vol. 53 (1): 807-828.

Quilley, S. and Loyal, S. (2005a) 'Science, cumulative knowledge, secondary involvement and synthesis: A Reply to Our Critics' *Current Sociology* Vol. 53 (1): 843-850.

Quilley, S. (2004a) 'Social Development as Trophic Expansion: Food systems, Prosthetic Ecology and the Arrow of History' *Amsterdam Sociologisch Tijdschrift*, September Vol. 31(3): 321-348.

Quilley, S. (2000a) 'Manchester First: From Municipal Socialism to the Entrepreneurial City' *International Journal of Urban and Regional Research (IJURR)*, Sept. Vol. 24(3): 601-615. DOI: 10.1111/1468-2427.00267.

Quilley, S. (1999a) 'Entrepreneurial Manchester: the Genesis of Elite Consensus' *Antipode* Vol. 31 (2): 185-211.

Quilley, S. and Ward, K. (1999b) 'Global "System" and Local "Personality" in Urban Politics' *Space and Polity* Vol. 3 No 1 Spring: 5-33.

Quilley, S. (1995) 'Manchester's Village in the City: The Gay Vernacular in a Post-industrial Landscape of Power' *Transgressions* 1 (June 1995): 36-50.

Chapters

Quilley, S. (2014) 'Ecocultures of Transition: new, traditional and alternative ways of living in the 'adjacent possible' in *Ecocultures: Blueprints for Sustainable Communities* by Bohm, S., Bharucha, Z.P., and Pretty, J. (London: Routledge)

Quilley, S. FORTHCOMING 'Freewheelin' Modernities: The Social Development and Ecology of the Global Bicycle' in *Globalization in Practice* by Adam Tickell, Nigel Thrift and Steven Woolgar (eds.) (Oxford University Press).

Barry, J. and Quilley S. (2009c) 'The Transition to Sustainability. Transition Towns and Sustainable Communities' in *The Transition to Sustainable Living and Practice Advances in Ecopolitics Series* Vol. 4 , p 1-14 (Emerald Publishing).

Quilley, S. (2006) 'Risk' in the *Cambridge Dictionary of Sociology* by Turner, B., (ed.) (Cambridge: Cambridge University Press).

Quilley, S. (2004c) 'Ecology, 'Human Nature' and Civilising Processes: Biology and Sociology in the Work of Norbert Elias' in *The Sociology of Norbert Elias*, by Steven Loyal and Stephen Quilley (eds), (Cambridge: Cambridge University Press) pp.42-58.

Quilley, S. and Loyal,S. (2004d) 'Towards a Central Theory: The Scope and Relevance of Norbert Elias' in *The Sociology of Norbert Elias* by Loyal,S. and Quilley,S., (eds) (Cambridge: Cambridge University Press) pp. 1-22.

Quilley, S. (2004e) 'Turf-wars in Dublin Bay: Nature As Artefact on Bull Island' in *Place and Non-Place: The Reconfiguration of Ireland* (Irish Sociological Chronicles Vol. 4) by Corcoran M. and Peillon M., (eds) (Dublin: IPA).

Quilley, S. (2002) 'The house that Jack built: "Bungalow Bliss" and the failure of urban policy in Ireland' in *Ireland Unbound. A Turn of the Century Chronicle* by Corcoran M., and Peillon M., (eds) (Dublin: IPA), pp 83-102.

Quilley, S. (2000b) 'European Basic Income of the Race to the Bottom: Why Politicians Might Come to Think the Unthinkable' in *Basic Income on the Agenda: Policy Objectives and Political Chances* (Amsterdam: Amsterdam University Press), pp. 170-185.

Quilley, S. (2000c) 'Entrepreneurial Turns: Municipal Socialism and After' in *Revolutionary City:Restructuring Manchester* by Peck,J. and Ward, K., (eds) (Manchester: Mandolin, MUP), pp.76-94.

Quilley, S. (1997) 'Gay Space and the Entrepreneurial City' in *Queers in Space: Landscapes of Marginalised Sexualities and Communities* by Ingram G.B., Bouthillette A.M. and Retter Y., (Eds.) (Bay Press: Washington), pp. 275-292.

Reports

De Fuentes, C. and Quilley, S. (2012) *Learning about Innovation for Inclusive Development from the Focus City Research Initiative* (Ottawa: IDRC).

Quilley, S., Tickell, A. and Coates, D. (1996) *Relocation in Europe*. A report for the Social Affairs (SOCA) and Economic and Monetary (EMAC) Committees of the European Parliament (July 1996).

Conference papers in preparation for publication

The following are substantial written papers (10-20,000 words) in preparation for submission to peer-reviewed journals.

(2011b) 'Open Source Economics: Looking for Meaning in a Throwaway World.' Paper given as a 'SiG Talk' to Social Innovation Generation, University of Waterloo, June 2011. For submission to *New Political Economy*.

(2011c) 'When does responding to a changing world, change the world? System entrepreneurs and Transition Town movement.' Paper presented to the 'Resilience 2011 conference, Arizona State University, March 11-16th 2011 (for submission with John Barry to *Political Studies*).

(2011d) 'Steady State Unilateralism. Security and Political Obstacles to an Orderly Descent.' Paper in preparation for *International Security*.

'"Biophilia" as an Ecological Civilising Process: The Case of Littering and Recycling Etiquette.' Paper in preparation for *The Sociological Review*.

(2009d) 'The Challenge of Resilient Food Systems: Relocalization, Vertical Farming and Panarchical "Revolt."' Paper written for presentation to Social Innovation Group, Waterloo University May 2009 (for submission to the *International Journal of Agricultural Sustainability*).

(2010d) 'Is "Transition" a Social Innovation? Community Participation in Dynamic Modelling of Intersecting Global and Bioregional Food Systems. Paper presented to 'Innovation in Complex Systems' conference, March 5th-6th 2010, Briarhurst Institute, University of Waterloo.

Indicators of Esteem

April 3rd-4th 2012: Keynote speaker at the Norbert Elias Foundation conference in Copenhagen.

Sept 2010: Invited to take part in series of workshops hosted by the *Stockholm Resilience Centre* in Sweden with participants from the UK, Canada, Sweden, Netherlands and Australia.

Sept. 2008: Course in Ecological Economics features in Higher Education Academy 'Case Study in Problem Based Learning' (see http://www.economicsnetwork.ac.uk/showcase/witham_ecological.htm).

Honorary Executive Committee Member of the *Basic Income European Network*.

5th-6th Nov. 2003: Invited speaker at the *Stichting Praemium Erasianum*, Amsterdam, on the occasion of the presentation of the Erasmus prize to Alan Davidson. Presented paper entitled 'Food systems, prosthetic ecology and the arrow of history.'

April 2001: Invited speaker at the *Confiance Publique et Science de L'Alimentation*, Centre Européen De La Defense, Paris. Presented paper entitled 'GM versus Organic: Civilising Processes, 'Great Transformations' and Path-dependency in Contemporary Regulatory Debates over Food and Farming.'

Sept.10-12th 1998: Plenary speaker at the BIEN conference, Amsterdam. 'Sustainable Funding of Basic Income: Environment, Citizenship and Community and a Trajectory for Basic Income Politics in Europe.'

Recent Research Activity and Funding Applications

Awarded

- Metcalf Foundation Grant (Green Prosperity Program): Green Prosperity and the ReMaker Society: Integrating the low growth economy with community self-development, artisanal skills and enhanced cultural participation; \$36800 – AWARDED Jan 2014
- Economics for the Anthropocene: SSHRC\INSIGHT Partnership Grant (Partner through WICI; Application lead by PIs Peter Victor [York] and Peter G. Brown [McGill]) - \$2.5m. AWARDED April 2014
- October 2013: With Sarah Wolfe and E FEITELSON (Hebrew Uni Israel): UW International Research Partnership Grant - 'Something in the water: using Terror Management Theory' to explore and explain the decisions we make about water' – AWARDED Dec 2013. \$23570
- HEDGELAYING IN ONTARIO'S GREENBELT A Multi-criteria Assessment of Social-Ecological Innovation and Novel Ecosystems. SSHRC PDG - \$198199 AWARDED March 2014

Other grant activity, 2012-13:

- TRCA Grant advisory committee: *Exploring Social Innovation and Resilience in Environmental Management in the Toronto and Region Conservation Authority* jurisdiction, with the University of Waterloo & Queens University. SSHRC Partnership Development Grant
- 2013 SSHRC IDG Applicant: Collaborative Consumption and Planetary Boundaries. Can Virtual Social Networks Transform the Culture and Economics of Consumerism? (NOT AWARDED)

UK grant activity, 2008-2012:

I submitted 20 funding applications for projects varying in size from £50,000 to £690,000. Many of these were A* rated but, due to the immense competition for resources, unfunded (ESRC application success rates are low and run between 13 and 20%).

- April –June 2011: Three month research sabbatical at Waterloo University funded by Social Innovation Generation.
- March 2011: British Academy Overseas Travel Grant. Resilience 2011 'Resilience Innovation and Sustainability: Navigating the Complexities of Global Change' at ASU, Tempe, Arizona (Ref: oc100746 – £500).
- Nov 2010: New Business Models for an Ecological Innovation Zone £5,000 Sea-Change Funding for Two Exploratory Open Space Workshops – with Dr. Phil Catney and Prof. Chris Bailey (Keele University).
- ESRC Seminar Series (Principle Applicant): 'Sustainability As A Vehicle For Competitive Advantage: Ecological Redevelopment, Strategic Marketing and The University Campus' (with Professor Andrew Dobson at Keele University and Dr William Young at Leeds University), September 2006 – June 2008, £15,000.

Teaching Experience:

Currently I teach the 4th Year Capstone course 'ERS 410 Transforming Social Systems' and 'ERS615 Community Social Development'. This year I am launching a 4th year and Masters level course 'ERS675 Land-craft and Primitive Skills.' Directing one of the Modules on the McConnell-funded Social Innovation Diploma, I am currently co-developing a replacement Masters programme 'Resilience through Social Innovation' which will run from 2015.

In the past I have taught a wide range of course in sociological theory, environmental and urban sociology, human ecology, ecological economics and environmental politics. I am currently contributing to a SSHRC partnership project called 'Education for the Anthropocene' which aims to revitalize the tradition of Ecological Economics for the challenges of the 21st Century.

I am currently working to develop projects for two new doctoral students, Yonatan Strauch (in the area of Energy and Civilization) and Perin Ruttonsha (in the area of green design and systems approaches to urban planning and architecture).

Professional Attachments, International Research Collaborations and Scholarly Activity

- Sept 2012 +: Director of Development, Waterloo Institute for Complexity and Innovation
- Sept 2012+: Faculty member, Waterloo Institute for Social Innovation and Resilience
- Financial sponsor ('True-Fan') of *Open Source Ecology* – a pioneering experiment in open-source economics and appropriate technology based in Kansas.
- 2001-2005 editorial committee of the *Irish Journal of Sociology*.
- Executive committee member, *Basic Income European Network* (now honorary).
- Member of the process sociology research network, *Figurations*.
- Refereeing for journals and research boards: *Environment and Planning A*, *Antipode*, *Sociological Review*, *Urban Studies*, *Irish Journal of Sociology*, *Journal of Classical Sociology*, *Environmental Politics*, *Ambio* and *Human Figurations* and, in the past, the Netherlands Research Council and the (Dutch) Social Science Research Council.

Professional Training:

- June 7th 2007: 'Ecological Footprint Master Class' by Best Foot Forward, Oxford.
- October 2008: 'Sustainability and Curriculum Design' session run by Bland Tomkinson, University of Manchester.
- Aug 2010: Two week Permaculture Design Course with Patrick Whitefield Associates.

University Administration:

- UW Environment Faculty Council Chair 2013-14
- Keele University UCU21 Committee: Short Courses Strategy Group (2006 +).
- Keele University UCU21 Committee: Planning and regeneration/urban studies working group (2007+).
- Keele University 'Green Hub' Committee (2009 +).

- UCD: University Open Day Committee (2001-2003).

Departmental Administration:

- UW ERS: Co-Chair Undergraduate programme (from 2013/14)
- Chair Staff-Student Liaison Committee (Keele: 2011 +).
- Sociological Theory Convenor (UCD: 1999-2002).
- Second Year Co-ordinator (UCD: 2000-2003).
- Director of Undergraduate Studies (UCD: 2003+).
 - (Managing the Undergraduate Office; chairing the Undergraduate Committee; planning and implementing a curriculum review in line with the recommendations of the statutory Peer Review Group; co-ordinating the Department's response to the University-wide process of modularisation and 'semesterization').

Recent and Imminent Conferences, Seminars and Presentations:

◆=Scheduled event; ♠= Publication in process ♪= Paper published

May 7-8 2013	WICI (2 nd) 'Alternatives to Growth' workshop
Feb 11 th /12 th	WICI 'Alternatives to Growth' workshop
May 9-10:	Participant and invited presentation to GENOME CANADA DISRUPTIVE TECHNOLOGIES WORKSHOP, TORONTO (invited by Ted Hewitt VP SSHRC)
March 25 th 2013:	Guelph Resilience Festival talk: 'Open source fabrication: the political economy and psychology of post-consumer society' , Guelph University
June 2013	KW Transition: Climate Changing Scoping Focus Group
Apr. 3 rd -4 th 2012	Keynote speaker at the Norbert Elias Foundation conference in Copenhagen♠
Mar. 29 th 2012	Invited participant - <i>How Should we Build?</i> A Symposium on Architectural practice with Christopher Alexander and Roger Scruton, St Paul's Cathedral, London.
Jun. 2011	SiG Talk, University of Waterloo: 'Open Source Economics: Looking for Meaning in a Throwaway World.' ♠
Mar. 2011	SiG Panel Member, Resilience Alliance Conference, Arizona State University.♠
Oct. 29 th 2010	'Resilient Communities' at Keele Environmental Symposium.
Sept. 15 th 2010	'Scaling-up Social Innovation for Resilience: Reflections on the "Transition Network" and "Open-Source Ecology."' Paper for the ISIRC 2010 International Social Innovation Research Conference 'Partnerships, Hybrids and Networks', Skoll Centre for Social Entrepreneurship, Said Business School, Oxford University, Sept 13 th -15 th 2010. ♠
Sept. 5 th - 6 th 2010	Participant at Resilience Symposium, Stockholm Resilience

- Centre, Sweden.
- Mar. 5th /6th 2010 Participant: 'Innovation in Complex Systems Conference' March 5th-6th 2010, Briarhurst Institute and Social Innovation Generation, University of Waterloo, Ontario, Canada. ♠
- Nov. 24th 2009 Presentation by invitation to Vice Chancellor Steve West and team at Bristol UWE on sustainability and corporate strategy.
- May 2009 Presentation: 'The Challenge of Resilient Food Systems', Social Innovation Generation, Waterloo University, Ontario.
- Oct. 12th 2008 Transition Universities Workshop run by the Transition Network with the Higher Education Association, Hereford. ♪
- Oct. 1st 2008 'The Transition Towns Movement and the Gemeinschaft Politics of Relocalization.' CREATE Seminar, Keele University. ♪ & ♠
- Sept. 19th 2008 'Sustainability as Competitive Advantage in UK Higher Education', Sustainable University Symposium, University College London. ♪
- Sept. 3-6th 2007 "Integrative Levels and the "Great Evolution": Organicist Biology and the Sociology of Norbert Elias' -- paper presented to the 8th Conference of the European Sociological Association, Glasgow Caledonian University, Glasgow. ♪
- Apr. 2006 'Wittgenstein, Mannheim and Elias' -- paper presented to 'Norbert Elias in the 21st Century' conference, Leicester University. ♠
- July 5th-9th 2005 'Complexification, evolution and the noosphere: the intellectual milieu of Joseph Needham, Teilhard de Chardin and Julian Huxley and the intellectual development of Norbert Elias'. Paper presented to the 37th World Congress of the *International Institute of Sociology*, Stockholm. ♪
- 5th-6th November 2003 *Stichting Praemium Erasianum*, Amsterdam: Invited to participate in a round table discussion on *The culture and history of eating habits*. Presented a paper – 'Food systems, prosthetic ecology and the arrow of history'. ♪

Referees:

Professor Stephen Mennell (Head of Department and Line Manager)

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Professor Andy Dobson (Colleague)

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Professor Jamie Peck (Ph.D. Co-Supervisor)

Canada Research Chair in Urban and Regional Political Economy
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Professor Adam Tickell

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