

## Dr Rosie Day PhD

Senior Lecturer in Environment and Society

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### About

Rosie Day is an environmental human geographer interested in various aspects of peoples experience of, and engagement with, the wider environment. Much of her work has been in the area of environmental inequalities and environmental justice where she has developed a particular theme on ageing and environmental issues. She is currently largely focused on research to do with energy demand, especially issues of energy poverty and energy justice. Her style of working is highly multi-disciplinary, and she works in teams with academics from engineering, history, transport studies, architecture and sociology, from the UK and beyond.

### Qualifications

- BSc (University of East Anglia)
- MSc (London School of Economics and Political Science)
- PhD (University College London)

### Biography

Rosie completed a BSc in Environmental Sciences at the University of East Anglia and worked in private sector research and local government before returning to academia. She gained an MSc in Social Research Methods from the London School of Economics, followed by a PhD in 2004 from the Department of Geography at University College London. She was awarded a one year ESRC postdoctoral fellowship at UCL, and then took up a post as research fellow at the Department of Urban Studies, University of Glasgow in 2005, working within the Scottish Centre for Research on Social Justice. Rosie joined the School of Geography, Earth and Environmental Sciences at Birmingham in August 2007.

### Teaching

#### Undergraduate

Yr 3 Environmental Justice (course leader)

Yr 2 fieldcourse - Malta (course leader)

Yr 2 Environmental Assessment and Management (contributor)

Yr 2 Advanced research methods (contributor)

### Postgraduate supervision

#### Doctoral Researchers

##### Current

Sven Schulte (11/2013 - ) Social and environmental justice in 'eco-gentrification'. co-supervisor Peter Lee.

Monirazzuman Md (11/2012 - ) Energy justice in Bangladesh. Funded by the Government of Bangladesh. co-supervisor Peter Lee.

Septiin Astuti (10/2011 - ) Energy poverty and fuel substitution programme, Indonesia. Funded by the Government of Indonesia. Co-supervisor Lee Chapman.

Yixin Li (10/2011 - ) Energy poverty and electrification in rural China. Funded by a Li Siguang scholarship. Co-supervisor Jessica Pykett.

Komalirani Yenneti (10/2010 - ) Energy justice in solar park development, Gujarat. Funded by the College of Life and Environmental Sciences, UoB. Co-supervisor Oleg Golubchikov.

Roseanna Bullock (10/2010 - ) Hydrogen fuel cells in domestic low carbon transition in the UK. EPSRC Hydrogen DTC scholarship. co-supervisor Peter Lee.

Stephaie Garstin (10/2009 - ) Nuclear power assemblage and energy governance in Poland. Funded by an ESRC Ceolbas scholarship. Co-supervisor Tim Haughton, CREES.

Thom Davies (10/2009 - ) Marginalised communities in post-Chernobyl Ukraine. Funded by an ESRC Ceolbas scholarship. Co-supervisor, with Dominique Moran and John Round.

Completed

Marcia Gibson (2004-2007) Barriers and Incentives Digital Inclusion. ESRC CASE studentship, University of Glasgow. Co supervisor.

## Doctoral research

### PhD title

Perceptions of air pollution and health in social and geographical contexts

## Research

### Research groups

- [Society, economy and environment \(/research/activity/hg/index.aspx\)](#)
- [Resilience and urban living \(http://www.gees.bham.ac.uk/resilience/\)](http://www.gees.bham.ac.uk/resilience/)

### Research interests

- Environmental inequalities / environmental justice
- Energy vulnerabilities and energy poverty
- Ageing, environmental change and environmental policy
- Environmental health geographies

### Current research projects

#### **DEMAND: Dynamics of Energy, Mobility and Demand. RCUK funded End User Energy Demand (EU-ED) Research Centre 2013-2018,**

Co-Investigator. PIs Professor Elizabeth Shove and Professor Gordon Walker, University of Lancaster

The £4.9 million DEMAND Centre is the largest hub of social science work on energy demand in the UK. It takes a distinctive approach to end use energy demand, recognising that energy is not used for its own sake but as part of accomplishing social practices at home, at work and in moving around. This approach generates an ambitious research agenda that is crucial for organisations involved in demand management and in radically reconfiguring infrastructures, buildings and transport systems in line with greenhouse gas emissions targets. In this research centre, I co-lead a project on mobility in retirement which will run 2014-16 and co-lead a further work stream on energy justice, running 2013-17.

Project website: [www.demand.ac.uk](http://www.demand.ac.uk) (<http://www.demand.ac.uk>) Twitter: [https://twitter.com/DEMAND\\_CENTRE](https://twitter.com/DEMAND_CENTRE) ([https://twitter.com/DEMAND\\_CENTRE](https://twitter.com/DEMAND_CENTRE))

#### **Stories of Change: Exploring energy and community in the past, present and future. AHRC funded 2014-17 (Connected Communities stream).**

Co-Investigator. PI: Joe Smith, Open University

The Stories of Change project is an innovative, multi-disciplinary project which will work with communities in England and Wales to co-create, analyse, circulate and broadcast narratives about community relationships with energy in the past, present and future. The project team includes architects, historians geographers, media producers and literature experts and we will work in collaboration with community arts organisations and artists including Visiting Arts and Tipping Point.

#### **2Genders: Generation and Gender Energy Deprivation: Realities and Social Policies. Funded by the Belgian Science and Policy Office 2014 -17.**

International Partner. PI: Francoise Bartiaux, Universite Catholique de Louvain.

Energy poverty is a real concern in current Belgian society, as economic inequalities and energy prices are on the rise and price increases in housing and energy differentially affect the poorest sectors of society. Belgium has named energy poverty as an area for action in its federal plan to tackle poverty. The 2Genders project will describe the phenomenon and the populations affected, ascertain the wider impacts of energy poverty on social relations, mobility and self-reported health, and design and deliberate possible interventions with a range of important stakeholders including the energy poor. Particular attention will be paid to gender and generational aspects because there is good reason to believe that energy poverty is not manifest equally between genders and generations.

#### **An intelligent digital household network to transform low carbon lifestyles. EPSRC (Build-Teddi) funded 2013-18.**

Co-Investigator. PI: Shuli Liu, Coventry University.

This project is a collaboration with civil engineers and 'serious games' developers. It will design and develop an innovative whole house energy and water use monitoring system with a virtual world interface, and trial the system in social housing properties.

### Completed Research Projects

#### **Interdisciplinary Cluster on Energy Systems, Equity and Vulnerability (InCluESEV)**

(ESRC / EPSRC funded 2009-2011 PI Karen Bickerstaff, Kings College London)

Work Package leader: WP2 Exploring the Diversity of Energy Vulnerabilities

This cluster brings together academics and non-academics in various activities over three years in a range of activities to further understanding of issues connected to social equity and vulnerability in relation to energy supply and consumption.

[Visit the InCluESEV cluster website \(http://sites.google.com/site/inclusev/\)](http://sites.google.com/site/inclusev/)

#### **Thermal management practices of older people during winter: accounting for the contextual dynamics**

R Day and R Hitchings (Dept Geography UCL) 2008-9 funded by the Nuffield Foundation

This project uses in-depth qualitative interviews and photo diary methods to examine how older people at different levels of affluence manage their thermal comfort as they

pass through the winter, using heating systems, movements, technologies and other material objects such as clothing. By focussing upon everyday practices and on how particular behaviours come to seem sensible and routine with regard to staying warm, it aims to provide a detailed understanding of the factors that structure this seasonal adaptation, including economic resources, physical infrastructures, age-related biophysical changes and cultures of ageing. The wider aim is to use findings to inform debate about thermal management behaviours within ageing societies such as ours and make timely contributions to policy agendas that promote both winter wellbeing for older people today and more sustainable forms of domestic consumption in the future.

Download the [full report on Older people and their winter warmth behaviours: Understanding the contextual dynamics \(PDF - 3.87MB\) \(/Documents/colleges/gees/staff/winter-warmth-behaviours.pdf\)](#)

## Older People, Environment and Wellbeing

R Day, 2005-2007, funded by the Scottish Centre for Research on Social Justice

This project is a comparative study of three differing urban neighbourhoods in the West of Scotland, using qualitative techniques to work in depth with older residents. It addresses issues of how older people use and experience their local outdoor environment, how they feel it affects their health and wellbeing, and different types of barriers to outdoor activities they may encounter. Through the exploration of different neighbourhoods the work reflects on environmental equity concerns to do with the spatial distribution of key environmental qualities, the means by which older residents may be especially affected by certain neighbourhood environmental features and dimensions, and the extent to which older people feel able to participate in decision-making regarding their local environments.

Download the [full final report from the Older People, Environment and Wellbeing project \(PDF - 570KB\) \(http://www.gla.ac.uk/media/media\\_70702\\_en.pdf\)](#) or the [Older People, Environment and Wellbeing summary findings \(PDF - 103KB\) \(http://www.gla.ac.uk/media/media\\_71035\\_en.pdf\)](#)

## Other activities

### Administrative Responsibilities

Postgraduate Tutor, Human Geography / Urban and Regional Studies

## Publications

### Key Publications since 2001

**Day R.** and Walker G. (2013) Energy vulnerability as an assemblage. In K Bickerstaff, H Bulkeley and G Walker (eds) *Energy and Justice in a Changing Climate*. Zed books, London.

Walker G, **Day R.** (2012) Fuel poverty as injustice: integrating distribution, recognition and procedure in the struggle for affordable warmth. *Energy Policy*.

Hitchings R, **Day R.** (2011) How older people relate to the private winter warmth practices of their peers and why we should be interested. *Environment and Planning A*, 43, 2452-2467.

**Day R.**, Hitchings R. (2011) "Only old ladies would do that": age stigma and older people's strategies for dealing with winter cold. *Health and Place*, 17, 885-894.

**Day R.**, Wager F (2010) Parks, streets and 'just empty space': the local environmental experiences of children and young people in a Scottish study. *Local Environment*,

**Day R.** (2010) Environmental justice and older age: consideration of a qualitative neighbourhood -based study. *Environment and Planning A*, 2658-2673.

Wager F, Hill M, Bailey N, **Day R.**, Hamilton D and King C (2010) The impact of poverty on children and young people's use of services. *Children and Society* 24.4

Grant E, Silver K, Bauld L, **Day R.**, Warnakulasuriya S. (2010) The experiences of young oral cancer patients in Scotland: symptom recognition and delays in seeking professional help. *British Dental Journal* 208 (10) p465-471.

**Day R.**, Hitchings R (2009) [Older People and their Winter Warmth Behaviours: Understanding the Contextual Dynamics \(PDF - 3.87MB\) \(/Documents/colleges/gees/staff/winter-warmth-behaviours.pdf\)](#) School of Geography, University of Birmingham / Dept Geography, UCL.

**Day R.** (2008) Local environments and older people's health: dimensions from a comparative qualitative study in Scotland. *Health and Place*, 14(2), p299-312

**Day R.** (2008) *Local Urban Environments and the Wellbeing of Older People*. Scottish Centre for Research on Social Justice, Dept. Urban Studies, University of Glasgow.

**Day R.** (2007). Place and the experience of air quality. *Health and Place* 13 (1) p249-260.

Wager F, Bailey N, **Day R.**, Hamilton D, Hill M, King C. (2007) *Serving Children? The impact of Poverty on Children's' Experiences of Public, Private and Voluntary Services*. Save the Children, Edinburgh.

**Day R.** (2006). Traffic-related Air Pollution and Perceived Health Risk: Lay Assessment of an Everyday Hazard. *Health, Risk and Society* 8.3 p305-322.

Davies G, **Day R.** and Williamson S. (2004) Editorial: The Geography of Health. *Knowledge/s. Health and Place* 10.

Burgess J, Chilvers J, Clark J, **Day R.**, Hunt J, King S, Simmons P, Stirling A. (2004) *Citizens and Specialists Deliberate Options for Managing the UK's Legacy Intermediate and High Level Radio- active Waste: a Report of the Deliberative Mapping Trial*, June-July 2004. Report for DEFRA

Langford I, Skourtos M, Kontogianni A, **Day R.**, Georgiou S and Bateman I. (2001) Use and Non-Use Values for Conserving Endangered Species: The Case of the Mediterranean Monk Seal. *Environment and Planning A* 33 p2219-2233.

Langford I and **Day R.** (2001). Poisson Regression, in A Leyland and H Goldstein (eds.) *Multilevel modelling of health statistics* Chichester: Wiley.