

# Richard Helliwell (PhD)

## CONTACT INFORMATION

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Work Address: Ruralis – Institute for Rural and Regional Research, University Centre Dragvoll  
(NTNU) Loholt Alle 81 (4<sup>th</sup> floor), N-7049 Trondheim, Norway.

Mobile contact: +47 455 12 615

Email: [richard.helliwell@ruralis.no](mailto:richard.helliwell@ruralis.no)

## SUMMARY

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I am a rural sociologist with experience in researching topics at the environmental-agricultural-science-policy interface in the UK and EU. This has included research into the development of bioenergy and liquid biofuel supply chains, emerging contestation of plant genome editing techniques, environmental policy and governance, and agricultural dimensions of antimicrobial resistance. I have extensive experience using qualitative research methods, including interviews, ethnography and focus groups as well as working on large multi-disciplinary research teams as an embedded social scientist.

## EDUCATION

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2011-2016	<b>University of Nottingham</b> ESRC DTC funded PhD in Energy and Environment. Thesis Title: “Imagining Biofuels – Building Agricultural Supply Chains in the UK: A comparison of UK policy expectations with on-farm perspectives”
2009-2010	<b>University of Manchester</b> Masters of Planning (Research) – (Merit).
2005-2009	<b>University of Manchester</b> BA (Hons) Environmental Management – (First Class).

## PROFESSIONAL EXPERIENCE

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**Researcher**, May 2020 – Present, Ruralis – Institute for Rural and Regional Research.

**Assistant Professor in Science, Technology and Innovation**, October 2019 – April 2020,  
University of Nottingham, School of Sociology and Social Policy.

**Research Fellow**, July 2017 – September 2019, EVAL-FARMS: Evaluating the Threat of  
Antimicrobial Resistance in Agricultural Manures and Slurries – Project Lead Dov Stekel  
(University of Nottingham – Biosciences)

**Research Assistant**, 3<sup>rd</sup> March 2017 – 7<sup>th</sup> April 2017, Understanding the nexus: Comparative  
analysis of UK food security and biofuels policy – Project Lead Sujatha (University of Nottingham  
– ISS)

**Research Assistant**, 16<sup>th</sup> January – 15<sup>th</sup> March 2017, NGO social and ethical concerns with  
genome editing – Project Lead Sarah Hartley (Exeter – Business School)

## PUBLICATIONS

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### *International Peer Reviewed Publications*

Helliwell, R., Seymour, S. & Wilson, P., 2020. Neglected Intermediaries in Bioenergy Straw Supply Chains: Understanding the Roles of Merchants, Contractors and Agronomists. *Energy Research and Social Sciences*. Volume 63, 101387.

Helliwell, R., Hartley, S. & Pearce, W., 2019. NGO perspectives on the social and ethical dimensions of plant genome-editing. *Agriculture and Human Values*. Volume 36, pp. 779-791

Helliwell, R., Morris, C. & Raman, S., 2019. Can Resistant Infections be Perceptible in UK Dairy Farming? *Palgrave Communications*. Volume 5, Article Number 12

Giraud, E, Hadley Kershaw, E., Helliwell, R. & Hollin, G., 2019. Abundance in the Anthropocene, *The Sociological Review*. Volume 69, Issue 2, pp. 113-129

Pearce, W., Hartley, S., Helliwell, R. & O'Neill, L., 2018. Comment on "Why are NGOs sceptical of genome editing?" Reply to Tagliabue. *EMBO reports*. Volume 18, Issue 12, pp. 2090-2093

Helliwell, R., 2018. Where did the marginal land go? Farmers perspectives on marginal land and its implications for adoption of dedicated energy crops. *Energy Policy*. Volume 117, pp. 166-172

Helliwell, R., Hartley, S. Pearce, W. & O'Neill, L., 2017. Why are NGOs sceptical of genome editing? *EMBO reports*. Volume 18, Issue 12, pp. 2090-2093

Helliwell, R., & Tomei, J., 2017. Practicing Stewardship? EU Biofuels Policy and certification in the UK and Guatemala. *Agriculture and Human Values*. Volume 34, Issue 2, pp. 473-484

Morris, C., Helliwell, R. & Raman, S., 2016. Framing the Agricultural use of Antibiotics and Antimicrobial Resistance in UK National Newspapers and the Farming Press. *Journal of Rural Studies*, Volume 45, pp. 43-54

Tomei, J. & Helliwell, R., 2016. Food versus fuel? Going beyond biofuels. *Land Use Policy*, Volume 56, pp. 320-326

Raman, S., Mohr, A., Helliwell, R., Ribeiro, B., Shortall, O., Smith, R. & Millar, K., 2015. Integrating social and value dimensions into sustainability assessment of lignocellulosic biofuels. *Biomass and Bioenergy*. Volume 82, pp. 49-62

### *Articles Under Review*

Helliwell, R., Raman, S. & Morris, C., Making sense of the environment: Environmental Imaginaries and the environmental sciences of antimicrobial resistance. *Environment and Planning E: Nature and Space* – Revision submitted May 2020

Helliwell, R. & Morris, C., Caring for the collective(s)? Dairy cow health and antibiotic stewardship. *Journal of Rural Studies* – Revision submitted April 2020

### *Book Chapters*

Mohr, A., Shortall, O., Helliwell, R. & Raman, S., 2016. How should land be used?: bioenergy and responsible innovation in agricultural systems. In: I. Gordon & H. Prins, eds. *Food Production and Nature Conservation: Conflicts and Solutions*, London: Earthscan (Routledge)