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Dr Richard Helliwell

T: +47 455 12 615

E: richard.helliwell@ruralis.no

A: Loholt Alle 81, Trondheim, Norway

CURRENT POSITION

Senior Researcher, **Ruralis – Institute for Rural and Regional Research**, permanent position, Trondheim, Norway. May 2020 – present

EDUCATION

2011-2016 **University of Nottingham**, ESRC 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 **University of Manchester**, Master of Planning (Research) – Merit

2005-2009 **University of Manchester**, BA (Hons) Environmental Management – First

PUBLICATIONS

Journal Articles

1. Baker, M., Williams, A.D., Hooton, S.P.T., **Helliwell, R.**, et al. 2022. Antimicrobial resistance in dairy slurry tanks: A critical point for measurement and control. *Environment International*. Vol. 169. Article no. 107516
2. **Helliwell, R.**, Morris, C. & Jones, S., 2022. Assembling antimicrobial resistance governance in UK animal agriculture, *Sociologia Ruralis*. Vol 62(3), pp. 587-610
3. Morris, C., Kaljonen, M., Aavik, K., et al., 2021. Priorities for social science and humanities research on the challenges of moving beyond animal-based food systems. *Humanities and Social Sciences Communications*. Vol. 8(1), Article No. 38.
4. **Helliwell, R.** & Burton, R., 2021. The promised land? Exploring the future visions and narrative silences of cellular agriculture in news and industry media, *Journal of Rural Studies*. Vol. 84, pp. 180-191.
5. **Helliwell, R.**, Morris, C. & Raman, S., 2020. Antibiotic stewardship and its implications for agricultural animal-human relationships: Insights from an intensive dairy farm in England, *Journal of Rural Studies*. Vol 78, pp. 447-456.
6. **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*. Vol. 63, 101387.
7. **Helliwell, R.**, Hartley, S. & Pearce, W., 2019. NGO perspectives on the social and ethical dimensions of plant genome-editing. *Agriculture and Human Values*. Vol. 36, pp. 779-791
8. **Helliwell, R.**, Morris, C. & Raman, S., 2019. Can Resistant Infections be Perceptible in UK Dairy Farming? *Palgrave Communications*. Vol. 5, Article Number 12
9. Giraud, E, Hadley Kershaw, E., **Helliwell, R.** & Hollin, G., 2019. Abundance in the Anthropocene, *The Sociological Review*. Vol. 69 (2), pp. 113-129.

10. Pearce, W., Hartley, S., **Helliwell, R.** & O'Neill, L., 2018. Comment on "Why are NGOs sceptical of genome editing?" Reply to Tagliabue. *EMBO reports*. Vol. 18 (12), pp. 2090-2093.
11. **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*. Vol. 117, pp. 166-172.
12. **Helliwell, R.**, Hartley, S. Pearce, W. & O'Neill, L., 2017. Why are NGOs sceptical of genome editing? *EMBO reports*. Vol. 18 (12), pp. 2090-2093
13. **Helliwell, R.**, & Tomei, J., 2017. Practicing Stewardship? EU Biofuels Policy and certification in the UK and Guatemala. *Agriculture and Human Values*. Vol. 34 (2), pp. 473-484
14. 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*, Vol. 45, pp. 43-54
15. Tomei, J. & **Helliwell, R.**, 2016. Food versus fuel? Going beyond biofuels. *Land Use Policy*, Volume 56, pp. 320-326
16. 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*. Vol. 82, pp. 49-62

Book chapters

1. Shortall, O. & **Helliwell, R.**, 2021, Marginal land for bioenergy crop production: Ambiguities, contradictions, and cultural significance in policy and farmer discourses. In *Political Ecology of Industrial Crops* edited by Abubakari Ahmed and Alexandros Gasparatos. Abingdon, Routledge.
2. 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)

GRANTS AND EXTERNAL FUNDING SECURED

1. **Research Council of Norway** AGRISOCIAL: Towards a socially sustainable green transition for agriculture and rural communities. Role: Co-lead author and WP leader. Approx. 12 million NOK
2. **CORE Organic ETR-NET** ROAM-FREE: RObust Animals in sustainable Mixed FREE-range systems (Project No. 332815). Role: Co-Applicant. Co-I WP3 "Biodiversity and sustainability of mixed free-range systems with pigs". Approx. 1 million EUR (approx. 100 000 EUR to Ruralis)
3. **Research Council of Norway** SYNAGRI: Developing synergies between the bioeconomy and regional food systems for a sustainable future (Project No. 325403). Role: Lead Applicant, PI. and WP leader. Approx. 12 million NOK (approx. 8.3 million to Ruralis)
4. **Research Council of Norway** LIMBO: Evaluating emerging AMR threats and future capacity for action in Norwegian livestock agriculture (Project No. 320715). Role: Lead Applicant, PI. and WP leader. Approx 11 million NOK (approx.. 6.2 million to Ruralis)

RESEARCH PROJECTS

- 2022 – 2024 SYNAGRI: Developing synergies between the bioeconomy and regional food systems for a sustainable future. Research Council of Norway. Role: Project Leader and WP leader.
- 2021 – 2024 ROAM-FREE: RObust Animals in sustainable Mixed FREE-range systems. Role: Collaborator
- 2021 – 2024 LIMBO: Evaluating emerging AMR threats and future capacity for action in Norwegian livestock agriculture. Research Council of Norway. Role: Project Leader and WP leader.
- 2017 – 2019 EVAL-FARMS: Evaluating the Threat of Antimicrobial Resistance in Agricultural Manures and Slurries. Natural Environment Research Council (UK). Role: Research Fellow (PI: Prof. Dov Stekal University of Nottingham)

EMPLOYMENT HISTORY

- October 2019 – April 2020 **Assistant Professor in Science, Technology and Innovation**, University of Nottingham, School of Sociology and Social Policy.
- July 2017 – September 2019 **Research Fellow**, EVAL-FARMS: Evaluating the Threat of Antimicrobial Resistance in Agricultural Manures and Slurries – Project Lead Dov Stekel (University of Nottingham – Biosciences)
- March 2017 – April 2017 **Post-doctoral researcher**, Understanding the nexus: Comparative analysis of UK food security and biofuels policy – Project Lead Sujatha (University of Nottingham – ISS)
- January – March 2017 **Post-doctoral researcher**, NGO social and ethical concerns with genome editing – Project Lead Sarah Hartley (Exeter – Business School)