

Dr Rob J.F. Burton (Fischer) – curriculum vitae



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Nationality

British
New Zealand

Academic qualifications:

- 1998 **PhD Geography**, DeMontfort University, Leicester. PhD thesis topic: “The role of farmer self-identity in agricultural decision making in the Marston Vale Community Forest”
- 1992 **MSc Geography**, University of Otago, Dunedin. MSc thesis topic: “Public Perceptions of the Greenhouse Effect”
- 1985 **BSc Geography**, University of Otago, Dunedin, NZ

Positions

- 2013- Principal Research Scientist (Ruralis: Institute of Rural and Regional Research, Trondheim, Norway)
- 2011-2013 Senior Research Scientist (Ruralis: Institute of Rural and Regional Research, Trondheim, Norway)
- 2009-2011 Contract Research Scientist for the Centre for Rural Research (Trondheim, Norway) and Agresearch (NZ)
- 2007-2009 Senior Scientist (Agresearch, Invermay, NZ)
- 2005-2007 Senior Researcher (Macaulay Land Use Research Institute, UK)
- 2000-2004 Researcher (Macaulay Land Use Research Institute, UK)
- 1999-2000 Lecturer in Geography (temporary) (Bournemouth University, UK).
- 1998-1999 Research Fellow (Kingston University, London)

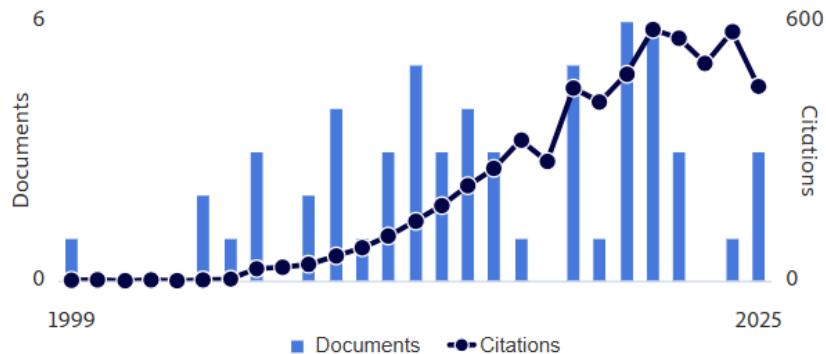
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Scopus Author ID: 10540661300

Publishing achievements (Scopus – September 1st – 2025)

Citations: 5,724
Documents: 58
H-index: 32

Document & citation trends



Publications:

International Peer Reviewed Publications:

PREP	=	In prep
SUB	=	Submitted
REV	=	Under review
ACC	=	Accepted with corrections
COR	=	Corrections underway
RSUB	=	Corrections resubmitted

- PREP **Burton, R.J.F.**, Zahl-Thanem, A., Exploring the changing social sustainability of agriculture in Norway through a biennial survey. For submission to Journal of Rural Studies 2026.
- PREP **Burton, R.J.F.**, Remøy, M., The impact of the green transition on farm family transition. For submission to Sociologia Ruralis 2026.
- PREP **Burton, R.J.F.** How doctors became meat producers: the early development of the cultivated protein sector. For submission to JRS 2026
- PREP **Burton, R.J.F.**, Sonlør, S. Social embeddedness and the long term failure of restoration efforts for semi-natural habitats: lessons from a Norwegian case study. For submission to Agriculture and Human Values 2026.
- PREP **Burton, R.J.F.** Why restoration ecology should be looking to Google Books for European traditional ecological knowledge. Opinion Piece. For submission to Restoration Ecology 2026.
- PREP **Burton, R.J.F.**, Helliwell, R., How do we avoid the midas touch and mission creep? Identifying key definitional problems with the “bioeconomy”. For submission to Journal of Rural Studies 2026.
- PREP Helliwell, R., Schermer, M., Noll, D., Farstad, M., **Burton, R.J.F.** International comparison of Bioeconomy strategies: Norway, Austria and Portugal.
- PREP Helliwell, R., **Burton, R.J.F.**, Haavemoen, A.. Veterinarian survey on antibiotic use For submission 2025

- PREP Perez-Valdes, G.A., Helliwell, R., **Burton, R.J.F.**, Rachah, A. Economic modelling of three different types of bioeconomy. For submission to Journal of Cleaner and Circular Bioeconomy 2025.
- COR De Lauwere, C., Helliwell, R., Japp, S., Fraser, J., Urdahl, A. **Burton, R.J.F.** Understanding behavioural factors to further reduce antibiotic use among Norwegian pig- and dairy farmers. Major revisions July 2025. Preventive Veterinary Medicine
- 2025 Roxburgh, N., **Burton, R.J.F.**, Mittenzwei, K., Polhill, G. Culture shock: Modelling the potential impact of cultivated proteins and a carbon tax on the Norwegian food system. *Cleaner Engineering and Technology*, 26, 100979.
- 2025 **Burton, R.J.F.**, Campbell, H. The impact of “artificial wool” on the New Zealand wool industry: lessons for future substitution transitions in the agricultural sector. *Journal of Rural Studies* 114, 103578.
- 2025 Mittenzwei, K., Britz, W., **Burton R.J.F.** The potential impact of cultivated protein-based food products on agriculture in Norway. *Environmental Innovation and Societal Transitions*. Accepted 22nd November 2024.
- 2024 Engel, L., Vilhelmsen, K., Richter, I., Moritz, J., Ryyänen, T., Young, J.F., **Burton, R.J.F.**, Kidmose U., Klöckner, C.A. Psychological Factors Influencing Consumer Intentions to Consume Cultured Meat, Fish and Dairy. *Appetite* 200, 107501.
- 2022 **Burton, R.J.F.**, Otte, P. Promoting climate change mitigation in agriculture – establishing the need for a farm family life-cycle approach. *Journal of Rural Studies* 96, 270-281
- 2022 Klöckner, C.A., Engel, L., Moritz, J., **Burton, R.J.F.** Young, J.F., Kidmose, U., Ryyänen, T. Milk, Meat, and Fish from the petri dish -Which attributes would make cultured proteins (un)attractive and for whom? Results from a Nordic survey. *Frontiers in Sustainable Food Systems* 6. <https://doi.org/10.3389/fsufs.2022.847931>
- 2022 Palmer, E., **Burton, R.J.F.**, Gottschamer, L. Political Influence Structures in a Future Substitution Bioeconomy Transition. *Journal of Cleaner Production* 358, 131709
- 2021 Zahl-Thanem, A., **Burton, R.J.F.**, Vik, J. Should we use email for farm surveys? A comparative study of email and postal survey response rate and bias. *Journal of Rural Studies* 87, 352–360
- 2021 Kragt, M., **Burton, R.J.F.**, Zahl-Thanem, A., Otte, P. Farmers’ willingness to adopt climate change mitigation through public crowdfunding. *Journal of Cleaner Production*. 321, 128967
- 2021 Helliwell, R. **Burton, R.J.F.** The promised land: Exploring the future visions and narrative silences of cellular agriculture in news and industry media. *Journal of Rural Studies* 84, 180-191.
- 2021 Adamsone-Fiskovica, A., Mikelis, G., **Burton, R.J.F.**, Elzen, B., Flanigan, S., Frick, R., Hardy, C. Disentangling Key Success Factors and Principles of On-farm Agricultural Demonstration Events. *Journal of Agricultural Education and Extension*. <https://doi.org/10.1080/1389224X.2020.1844768>

- 2021 Rønningen, K., Fuglestad, E., **Burton, R.J.F.**, Path-dependencies in Norwegian dairy/beef communities: implications for climate mitigation. *Norwegian Journal of Geography* 75:2, 65–78
- 2020 Sutherland, L-A., **Burton, R.J.F.**, Adamsone-Fiskovica, A., Hardy, C., Elzen, B., Debruyne, L. & Flanigan, S. (2020): Inclusivity of on-farm demonstration: gender, age, and geographic location, *The Journal of Agricultural Education and Extension*, 27, No. 5, 591-613
- 2020 Fatemeh Rahimi Feyzabad, F.R., Yazdanpanah, M., **Burton, R.J.F.**, Forouzani, M., Mohammadzadeh, S. The use of a Bourdieusian “capitals” model for understanding farmer’s irrigation behavior in Iran. *Journal of Hydrology*. *Journal of Hydrology* 591, 125442
- 2020 Palmer, E., **Burton, R.J.F.**, Haskins, C. Systems Engineering Framework for Bioeconomic Transitions in a Sustainable Development Goal Context. *Sustainability* 12, 6650. doi:10.3390/su12166650
- 2020 Zahl-Thanem, A., **Burton, R.J.F.**, Blekesaune, A., Haugen, M., and K. Rønningen. The impact of wolves on psychological distress among farmers in Norway. *Journal of Rural Studies* 70, 1-11.
- 2020 **Burton, R.J.F.** (2020) The failure of early demonstration agriculture on 19th Century model/pattern farms: lessons for contemporary demonstration. *Journal of Agricultural Education and Extension* 26 (2), 223-236.
- 2020 **Burton, R.J.F.**, Farstad, M. (2020) Cultural “lock-in” and mitigating greenhouse gas emissions: the case of dairy/beef farmers in Norway. *Sociologia Ruralis* 60 (1), 20-39.
- 2019 **Burton, R.J.F.** The potential impact of synthetic animal protein on livestock production: The new “war against agriculture”? *Journal of Rural Studies* 68, 33–45.
- 2018 Wehn, S.; **Burton, R.J.F.**; Riley, M.; Johansen, L.; Hovstad K.A.; Rønningen, K. Adaptive biodiversity management of semi-natural hay meadows: the case of West-Norway. *Land Use Policy* 72, 259-269.
- 2018 **Burton, R.J.F.**; Riley, M.: Traditional Ecological Knowledge from the internet? The case of hay meadows in Europe. *Land Use Policy* 70, 334-346.
- 2016 Warren, C.R.; **Burton, R.J.F.**; Buchanan, O.; Birnie, R.V. Limited adoption of short rotation coppice: The role of farmers' socio-cultural identity in influencing practice. *Journal of Rural Studies* 45, 175-183.
- 2015 Yazdanpanah, M., Fayzabad, F.R., Forouzani, M., Mohammadzadeh, S., **Burton, R.J.F.** Predicting farmers’ water conservation goals and behaviour in Iran: A test of social cognitive theory. *Land Use Policy* 47, 401–407.
- 2015 Wilson, G.A., **Burton, R.J.F.** ‘Neo-productivist’ agriculture: Spatio-temporal versus structuralist perspectives. *Journal of Rural Studies* 38, 52-64.
- 2015 **Burton, R.J.F.**, Fischer, H. The succession crisis in European agriculture. *Sociologia Ruralis*. 55, 2: 155–166.
- 2014 Fischer, H., **Burton, R.J.F.** Understanding farm succession as a socially constructed endogenous cycle. *Sociologia Ruralis* 54 (4): 417–438.
- 2014 **Burton, R.J.F.** The influence of farmer demographic characteristics on environmental behaviour: A review. *Journal of Environmental Management* 135: 19-26.

- 2014 **Burton, R.J.F.**; Peoples, S. Market liberalisation and drought in New Zealand: a case of 'double exposure' for dryland sheep farmers? *Journal of Rural Studies* 33, 82-94.
- 2014 Forbord, M., Bjorkhaug, H., **Burton, R.J.F.** Drivers of change in Norwegian agricultural land control and the emergence of rental farming. *Journal of Rural Studies* 33: 9-19.
- 2013 Wynne-Jones, S., Schwarz, G., **Burton, R.J.F.** Payment-by-results agri-environmental support for grasslands in Europe: Lessons learnt for future agri-environmental support in Wales. *Grassland Science in Europe* 18: 370-373.
- 2013 G.R. de Snoo, I. Herzon, H. Staats, **Burton, R.J.F.**, S. Schindler, J. van Dijk, A. Lokhorst, J.M. Bullock, M. Lobley, T., S. Wrba, G. Schwarz, C.J.M. Musters. Towards Effective Nature Conservation on Farmland: Making Farmers Matter. *Conservation Letters* 6: 66-72.
- 2013 L-A Sutherland, Mills, J., Ingram, J., **Burton, R.J.F.**, Dwyer, J., Blackstock, K. Considering the Source: Establishing trust in public, private and charitable agri-environmental information and advice in England. *Journal of Environmental Management* 118: 96-105.
- 2013 **Burton, R.J.F.**; Schwarz, G. Result-oriented agri-environmental schemes in Europe and their potential for promoting behavioural change. *Land Use Policy* 30: 628- 641.
- 2012 Sutherland, L-A.; **Burton, R.J.F.**; Ingram, J.; Blackstock, K.; Slee, B. Triggering Change: Towards a conceptualisation of major change processes in farm decision-making. *Journal of Environmental Management* 104, 142-151.
- 2012 **Burton, R.J.F.**, Peoples, S., Cooper, M. Building 'cowshed cultures': A cultural perspective on the promotion of stockmanship and animal welfare on dairy farms. *Journal of Rural Studies* 28, 174-187.
- 2012 **Burton, R.J.F.** Understanding Farmers' Aesthetic Preference for Tidy Agricultural Landscapes: A Bourdieusian Perspective, *Landscape Research* 37:1, 51-71.
- 2011 Stock, P.; **Burton, R.J.F.** Defining terms for integrated (multi-inter-trans-disciplinary) research in sustainability research. *Sustainability*. 3 (8), 1090-1113.
- 2011 Sutherland, L-A.; **Burton, R.J.F.** Good Farmers, Good Neighbours?: The role of cultural capital in social capital development a Scottish farming community. *Sociologia Ruralis*. 51 (3), 238-255.
- 2011 **Burton, R.J.F.**; Paragahawewa, U. Creating culturally sustainable agri-environmental schemes. *Journal of Rural Studies* 27: 95-104.
- 2011 M.E. Wedderburn, T. T. Kingi, A. Mackay, M. Brown, O. Montes De Oca, K. Maani, **R. Burton**, H. Campbell, S. Peoples, J. Manhire, R. Dynes, B. Kaye-Blake. Exploring rural futures together. *Proceedings of the New Zealand Grassland Association* 73: 69-74
- 2010 Blackstock K.L.; Ingram J.; **Burton, R.J.F.**; Brown K.M.; Slee B.: Understanding and influencing behaviour change by farmers to improve water quality. *Science of the Total Environment* 408 (23): 5631-5638.
- 2009 Reed, M.S., Arblaster, K., Bullock, K., **Burton, R.J.F.**, Davies, A.L., Hubacek, K., May, R., Mitchley, J., Morris, J., Nainggolan, D., Potter, C., Quinn, C.H.,

- Swales, V., Thorp, S.: Using scenarios to explore UK upland futures. *Futures* 41 (9): 619-630.
- 2009 Campbell, H.; **Burton, R.J.F.**; Cooper, M.; Henry, M.; Le Heron, E.; Le Heron, R.; Lewis, N.; Pawson, E.; Perkins, H.; Roche, M.; Rosin, C.; White, T.: From Agricultural Science to 'Biological Economies'? *NZ Journal of Agricultural Research* 52: 91-97.
- 2009 Spash, C., Urama, K., **Burton, R.J.F.**, Kenyon, W., Shannon, P., Hill, G.: Motives Behind Willingness to Pay for Improving Biodiversity in a Water Ecosystem: Economics, Ethics and Social Psychology. *Ecological Economics* 68 (4): 955-964.
- 2008 **Burton, R.J.F.**, Kuczera, C., Schwarz, G.: Exploring farmers' cultural resistance to voluntary agri-environmental schemes. *Sociologia Ruralis* 48 (1): 16-37.
- 2007 Schwarz, G. and **Burton, R.J.F.**: Public good provision on common land in the Cumbria uplands in the UK: A case study for an integrated rural policy for the uplands. *Rural Development* 3 (1): 193-198.
- 2007 Schwarz, G., **Burton, R.J.F.**, Wright, I. A., Gilbert, A., McLeod, J., McKeen, M., Wilson, R. M., and Swales, V.: Appraisal of options for the Less Favoured Area Support Scheme in Scotland post 2010. *Agricultural Sciences (Žemės ūkio mokslai)* 14: 99 – 107.
- 2006 Mansfield, L.; **Burton, R.J.F.**; Schwarz, G.; Brown, K.; Convery, I.: The heft: a multifunctional management tool. *The International Journal of Biodiversity Science, Ecosystem Services and Management* 2 (3): 238-241.
- 2006 **Burton, R.J.F.**: An alternative to farmer age as an indicator of life-cycle stage: the case for a farm family age index. *Journal of Rural Studies* 22: 485-492.
- 2006 **Burton, R.J.F.** and Wilson, G.: Injecting social psychology theory into conceptualisations of agricultural agency: towards a 'post-productivist' farmer self-identity. *Journal of Rural Studies* 22 (1): 95-115.
- 2005 **Burton, R.J.F.**; Schwarz, G. and Fischer, H.: Main-d'oeuvre agricole et Plan de développement rural en Écosse. [Changes in farm labour structures in Scotland and its implications for the Rural Development Program]. *Économie Rurale* 289-290: 106-127.
- 2005 **Burton, R.J.F.** and Walford, N.: Multiple succession on family farms in the South East of England: a counterbalance to agricultural concentration? *Journal of Rural Studies* 21(3): 335-347.
- 2004 **Burton, R.J.F.**: Seeing through the 'good farmer's' eyes: towards developing an understanding of the social symbolic value of 'productivist' behaviour. *Sociologia Ruralis* 44 (2): 195-216.
- 2004 **Burton, R.J.F.**: Reconceptualising the 'behavioural approach' in agricultural studies: a socio-psychological perspective. *Journal of Rural Studies* 20 (3): 359-371.
- 1999 **Burton, R.J.F.** and Wilson, G.: The Yellow Pages as a Sampling Frame for Farm Surveys: Assessing Potential Bias in Agri-environmental Research. *Journal of Rural Studies* 15 (1): 91-102.

Book:

- 2021 **Burton, R.J.F.**, Forney, J., Stock, P., Sutherland, L-A. The Good Farmer: Culture and Identity in Food and Agriculture. Routledge.

Book (edited):

- 2020 **Burton, R.J.F.**, Forbord, M., Ellingsted, MB., Fuglestad, E.; Etter Oljen: vår bioøkonomiske fremtid [After Oil: Our Bioeconomic Future]. Cappelen Damm, Oslo.
- 2018 Birkeland, I., **Burton, R.J.F.**, Para, C., Siivonen, K. Cultural Sustainability and the Nature-Culture Interface: Livelihoods, policies, and methodologies. Taylor & Francis, London.

Book chapters:

- 2023 Rønning, S.B., **Burton, R.J.F.** Den nye maten dyrkes i laboratoriet. [The new food made in a laboratory] In: Roldstadås, A., Brattebæ, H., Magerholm, A., Krokan, A., Sand, G., Syse, H., Waag, T.I., Ølen, G.E.D. Dærekraft og digitalisering. John Grieg Forlag, Bergen. Pp. 207-219.
- 2020 **Burton, R.J.F.**, Fuglestad, E. Bortenfor bioøkonomien. [Beyond the bioeconomy] In: Burton, R.J.F.; Fuglestad, E.; Forbord, M.; Ellingsted, MB. Etter Oljen: vår bioøkonomiske fremtid. Cappelen Damm, Oslo.
- 2020 **Burton, R.J.F.**, Fuglestad, E. Hva er bioøkonomi og hvorfor trenger vi den? [What is the bioeconomy and why do we need it?] In: Burton, R.J.F.; Fuglestad, E.; Forbord, M.; Ellingsted, MB. Etter Oljen: vår bioøkonomiske fremtid. Cappelen Damm, Oslo.
- 2018 Parra, C., Birkeland, I., **Burton, R.J.F.**, Siivonen, K., Introduction to culture, sustainability and the environmental realm. In: Birkeland, I., Burton, R.J.F., Para, C., & Siivonen, K. Cultural Sustainability and the Nature-Culture Interface: Livelihoods, policies, and methodologies, Taylor & Francis, London.
- 2018 **Burton, R.J.F.** Preserving Cultural Landscapes: A Cultural Sustainability Perspective. In: Birkeland, I., Burton, R.J.F., Para, C., & Siivonen, K. Cultural Sustainability and the Nature-Culture Interface: Livelihoods, policies, and methodologies, Taylor & Francis, London.
- 2015 **Burton, R.J.F.** & Bjorkhaug, H. Typologisering av nye verdikjeder for mat: Når profitt er målet og ”ikke-mat” er middelet (Typologising value chains in food systems: the role of ”more-than-food” chains). In: Bjorkhaug, H.; Almas, R., and J. Vik (eds): Norsk Matmakt i Endring.
- 2013 Katrina Rønningen and **R.J.F. Burton**, Multifunksjonelt landbruk under nyproduktivismen? (Multifunctional landuse under neoproductivism?) In: R. Almås, H. Bjørkhaug, H. Campbell and C.A. Smedshaug (eds.) *Fram mot ein berekraftig og klimatilpassa norsk landbruksmodell*. Akademika forlag, Trondheim. pp.59-85.
- 2012 Katrina Rønningen, Alan Renwick, **R.J.F. Burton**, Western European Approaches to and Interpretations of Multifunctional Agriculture – and Some Implications of a Possible Neo-Productivist Turn. In: Reidar Almås, Hugh

- Campbell (ed.) *Rethinking Agricultural Policy Regimes: Food Security, Climate Change and the Future Resilience of Global Agriculture (Research in Rural Sociology and Development, Volume 18)*, Emerald Group Publishing Limited, pp.73-97
- 2012 **Burton, R.J.F.** and Geoff A. Wilson, The Rejuvenation of Productivist Agriculture: The Case for ‘Cooperative Neo-Productivism’, in Reidar Almås, Hugh Campbell (ed.) *Rethinking Agricultural Policy Regimes: Food Security, Climate Change and the Future Resilience of Global Agriculture (Research in Rural Sociology and Development, Volume 18)*, Emerald Group Publishing Limited, pp.51-72
- 2011 **Burton R.J.F.**, Rønningen, K.; Wedderburn. L. Conducting Integrated Research. In: Kammili T., Hubert B., Tourrand J.F. (eds), 2011. *A paradigm shift in livestock management: from resource sufficiency to functional integrity*. 28th and 29th June 2008, Hohhot, China. Cardère éditeur Lirac, France, 272 p., pp. 239-265.
- 2009 **Burton, R.J.F.**, Schwarz, G., Brown, K.M., Convery, I.T., Mansfield, L.: The future of hefted upland commons in areas of high public goods provision: Learning from the Lake District experience. In: A. Bonn, K. Hubacek, J. Stewart & T. Allott (Eds) *Drivers of Change in Upland Environments*. London, Routledge. P309-323.
- 2004 **Burton, R.J.F.**: Establishing “Community Forests” in England: can public forests be provided through private interests? In: B. Fitzharris and J. Kearsley (Eds): *Glimpses of a Gaian World: Essays on Geography and Senses of Place*. Dunedin, University of Otago Press.

Selected occasional papers, technical reports, conference papers, public lectures and book reviews:

- 2022 Kemnitz, N., Cambell, H., **Burton, R.J.F.** Technology Crises in Primary Production: The Transition from Wool to Artificial Fibres in New Zealand. Centre for Sustainability Research Report No. 6. University of Otago, Dunedin.
- 2021 **Burton R.J.F.** The relationship between the agro-food system and cultured protein developments. Presented at the Sociological Association of Aotearoa New Zealand Conference 24th-25th Novemewber, Lincoln, New Zealand.
- 2021 Campbell, N.K., Campbell, H., **Burton, R.J.F.** Understanding historical disruptions to agrifood systems: the case of artificial fibres and the New Zealand wool industry. Presented at the Sociological Association of Aotearoa New Zealand Conference 24th-25th Novemewber, Lincoln, New Zealand.
- 2019 **Burton, R.J.F.** What now glass cow? Biosynthetic protein and the impact of the post-animal bioeconomy on European agriculture. Presented at XXVIII European Society for Rural Sociology Congress, June 25.-28., Trondheim, Norway.
- 2019 Anda Adamsone-Fiskovica, Mikelis Grivins, Boelie Elzen, **Burton, R.J.F.** Sharon Flanigan, Rebekka Fricck and Claire Hardy. Disentangling success factors and principles of agricultural demonstrations, 24th European Seminar on Extension and Education, 18 - 21 June 2019, Acireale, Italy.

- 2018 **Burton, R.J.F.**; Sutherland, L-A., Hardy, C. Demonstration Farms in Historical Context. Paper presented at the 13th European IFSA Symposium, 1-5 July 2018, Chania (Greece).
- 2017 Wehn, S., Johansen, L., Hovstad, K-A., Rønningen, K., **Burton, R.J.F.** Tilpasset skjøtsel av verdifulle slåttemarkar basert på brukererfaringer og tradisjonell og forskningsbasert kunnskap – ENGKALL. NIBIO Report, vol. 3 (149): 68 Pages.
- 2017 **Burton, R.J.F.**; Elzin, B.; Tisenkopf, T.; Ādamsone-Fiskoviča, A.; Grivins, M. PLAID: A practice-based conceptual framework and typology. Project deliverable, EU.
- 2015 Parra, C.; **Burton, R.J.F.**; Brites, C.; Atmanagara, J. Tradition and Modernisation: Nature/culture interactions in the Atacama Desert in Chile. In Dessein, J., Soini, K., Fairclough, G. and Horlings, L. (eds) 2015. Culture in, for and as Sustainable Development. Conclusions from the COST Action IS1007 Investigating Cultural Sustainability. University of Jyväskylä, Finland. Pages 66-67.
- 2014 **Burton, R.J.F.**; Rønningen, K. Production of environmental public goods – Hay meadows in Norway (*Engkall (2013-2015): Integrating scientific and traditional knowledge in adaptive management of semi-natural hay meadows*). European Commission Directorate-General for Agriculture and Rural Development Workshop “Research on public goods from agriculture and forestry” Brussels, 2 December.
- 2014 **Burton, R.J.F.** Preserving high-value agri-cultural landscapes in Europe: problems, solutions and policy paradoxes. Presentation to the Centre for Sustainability, Otago, New Zealand, 11th February.
- 2014 Wehn, S.; **Burton, R.J.F.** Supporting cultural landscapes in a dying culture: the case of Norway’s hay meadow scheme. Miljø 2015 konferansen, Trondheim, 5th September.
- 2014 **Burton, R.J.F.** Newpath: New pathways to a low carbon society: exploring the beef/dairy system as a “community of interest”. Klimaforsk startup meeting, Oslo, 14th May.
- 2014 Schwarz, G.; **Burton, R.J.F.** Motivation und Honorierung - Verschiedene Aspekte einer zielorientierten Honorierung ökologischer Leistungen. BfN-Workshop, Vilm; Germany. 18th November,.
- 2014 **Burton, R.J.F.** Preserving high-value (agri) cultural landscapes in Europe: problems, solutions and policy paradoxes. The special symposium on Local Rights and Global Politics, 12th Trondheim, 12th May,
- 2012 Peoples, S.; **Burton, R.J.F.** *Building ‘cowshed cultures’: the promotion of animal welfare on dairy farms from a cultural perspective*. XIX Conference of the Australian and New Zealand Agri-Food Research Network, 10th-13th December, Massey University, Palmerston North, New Zealand
- 2012 **Burton, R.J.F.**; Schwarz, G. “Promoting cultural embeddedness: cultural and social capital generation in result-oriented agri-environmental schemes” International Geographical Congress, Köln
- 2012 Forbord, M.; Bjørkhaug, H.; **Burton, R.J.F.** *The new farmer: Control of land and structural change in Norwegian agriculture*. IRSA, Lisbon, July 29 to August 4 2012

- 2012 **Burton, R.J.F.;** Schwarz, G. *'Risk is good'? Could increased risk to farmers in result-oriented agri-environmental schemes yield environmental benefits?* XIII World Congress of Rural Sociology, Lisbon, July 29 to August 4 2012
- 2012 Schwarz, G., **Burton, R.J.F.;** Saggau, V. *Review of the constraints and opportunities for the practical implementation of outcome-based AE payment approaches in the EU.* Association of American Geographers Symposium, New York, 28th February 2012.
- 2011 Schwarz, G.; **Burton, R.J.F.** *Outcome-based approaches in agri-environmental payments and their potential role in a "new" CAP.* "A Greener Agriculture for a Bluer Baltic" Conference, Stockholm, November 2nd, 2011.
- 2011 **Burton, R.J.F.** *'Cooperative neoproduktivism' a useful approach for revitalising rural Europe?* European Society for Rural Sociology Conference, Chania, Crete.
- 2011 M.E. Wedderburn, T. T. Kingi, A. Mackay, M. Brown, O. Montes De Oca, K. Maani, **R. Burton**, H. Campbell, S. Peoples, J. Manhire, R. Dynes, B. Kaye-Blake. *Rural Futures: How will we know we are ready?* NZGA Conference 2011, 8th – 10th November, Gisborne, New Zealand.
- 2010 Peoples, S.; **Burton R.J.F.;** Cooper, M. *Dairy farmer perceptions of animal welfare.* Report prepared for DairyNZ as part of the research program, "Animal welfare for market success" (PROJECT 13852-PPS-AGR). Agresearch, Ruakura. May 2010. 236 Pages.
- 2009 **Burton, R.J.F.** *Review of Caring Dairying Large Herd Study.* Confidential Report for DairyNZ. December 2009. 33 Pages.
- 2009 **Burton, R.J.F.;** Schwarz, G.: *Exploring farmers' cultural resistance to voluntary agri-environmental schemes.* Presentation to European Congress of Conservation Biology (Nature Conservation on farmland: linking ecology with social sciences) Prague, 1st – 5th September, 2009.
- 2009 **Burton, R.J.F.,** Rønningen, K. and Wedderburn, L.: *Conducting integrated research: A critical literature review of interdisciplinary and transdisciplinary research.* Report 12/08 Centre for Rural Research, Trondheim
- 2009 **Burton, R.J.F.:** *Building drought resistant systems in a liberalised market: salutary lessons from dairy expansion in New Zealand.* Conference paper presented at the congress of the European Society for Rural Sociology, Vasa 17th-21st August, 2009
- 2009 **Burton, R.J.F.:** *Strategic decision-making in agriculture: an international perspective of key social and structural influences.* July, 2009. Agresearch, New Zealand. 162 pages.
- 2009 **Burton, R.J.F.:** *Conducting integrated research: A critical literature review of interdisciplinary and transdisciplinary research.* Internal Report. Agresearch, New Zealand. 116 pages.
- 2009 **Burton, R.J.F.;** Cooper, M.; Peoples, S. *Dairy farmers' beliefs about animal welfare: a preliminary analysis of survey data.* Report prepared for DairyNZ as part of the research program "Animal welfare for market success" (PROJ-13852-PPS-AGR). Agresearch, Ruakura. May 2009. 59 Pages.
- 2009 **Burton, R.J.F.;** Kira, A.; Peoples, S.; Verkerk, G. *Expert focus-group assessment of welfare indicators* Report of 3 focus groups conducted as part of the research

- program “Animal welfare for market success” (PROJ-13852-PPS-AGR). Agresearch, Ruakura. March 2009. 23 Pages.
- 2008 **Burton, R.J.F.**; Peoples, S.: *Learning from past adaptation to extreme climate events: a case study of drought*. Part C: Adaptation of New Zealand farmers to drought events. Report for MAF, Agresearch, New Zealand.
- 2008 **Burton R.J.F.** *Establishing best practice in animal welfare: a review of literature*. Report prepared for DairyNZ as part of the research program “Animal welfare for market success” (PROJ-13852-PPS-AGR). Agresearch, Ruakura. November, 2008. 49 Pages.
- 2007 Schwarz, G., Wilson, R. M., Swales, V., **Burton, R.J.F.**, Wright, I. A., Gilbert, A., McLeod, J. and McKeen, M.: *Review of the Less Favoured Area Support Scheme in Scotland: Past impact and future options*. In: Herova, I., Jakobe, P., Kral, O. et al. (Eds.): *Less Favoured Areas for Agriculture and Rural Areas*, pp. 57 – 70, VUZE, Prague.
- 2007 Kaufmann, P.; Stagl, S.; **Burton, R.J.F.**: *The analysis of organic farming adoption based on the theory of planned behaviour*. Paper given at the 7th International Conference of the European Society of Ecological Economics “Integrating Social and Natural Sciences for Sustainability”. Leipzig, Germany.
- 2007 **Burton, R.J.F.**, Dwyer, J., Blackstock, K., Ingram, J., Brown, K., Mills, J., Schwarz, G., Mathews, K. and B. Slee: *Influencing positive environmental behaviour among farmers and landowners – a literature review*. Report for Defra. CCRU and Macaulay Institute, Gloucestershire and Aberdeen.
- 2007 **Burton, R.J.F.**, Kuczera, C., Bolland, H.: *Cultural resistance to European agrienvironmental policy: a cross-cultural comparison between the UK and Germany*. Report to the Anglo-German Society for the Study of Industrial Society. Aberdeen, Macaulay Institute.
- 2006 Urama K. C., Kenyon, W., **Burton, R.J.F.** and Potts, J.: *Integrated value mapping for sustainable river basin management: economics, ethics and social psychology*. *ATP Special Paper Series* 22: 1-38.
- 2006 Towers, W.; Schwarz, G.; **Burton, R.J.F.**; Ray, D.; Sing, L.; Birnie, R.: *Possible Opportunities for Future Forest Development in Scotland: A Scoping Study*. Report for the Forestry Commission. Macaulay Research Consultancy Services, Craigiebuckler, Aberdeen (10th Feb).
- 2006 Schwarz, G., **Burton, R.J.F.**, Mansfield, L., Brown, K., Convery, I.: *The impacts of changes in farm structures on environmental management in the Cumbria Uplands in the UK and potential implications for the English Rural Development Plan*. European Association of Agricultural economics, 96th Seminar, Tanikon, Switzerland (10th-11th January).
- 2005 **Burton, R.J.F.**, Mansfield, L., Schwarz, G., Brown, K., Convery I.: *Social Capital in Hill Farming: Report for the International Centre for the Uplands*, Macaulay Institute, Aberdeen.
- 2004 **Burton, R.J.F.**: *Book Review: Persistence and Change in Rural Communities: A fifty Year follow-up to six classic studies*. A.E. Luloff and R.S. Krannich, Wallingford: CABI Publishing, 2002. *Environmental Values* 13 (2): 267-269.

- 2004 **Burton, R.J.F.:** Integrating social and cultural factors into “behavioural approaches” in agricultural geography. Paper given at The 30th Congress of the International Geographical Union, Glasgow, 19th August 2004.
- 2004 Fischer, H.; **Burton R.J.F.** and Schwarz, G.: Changes in farm labour structures and implications for the Rural Development Programme for Scotland. Paper given at Colloques SFER conference “les mutations de la famille agricole: consequences pour les politiques publiques”, Paris, April 2004.
- 2003 Hill, G.; Courtney, P.; **Burton, R.J.F.**; Potts, J.; Geland, A.; Hanley, N.; DeGroote, J.; Spash, C.; Shannon, P.; MacMillan, D.; Eiser, D.: Forest’s role in Tourism. Final Draft Summary Report for the Policy and Practice Division of the Forestry Commission.
- 2003 Hill, G.; Courtney, P.; **Burton, R.J.F.**; Spash, C.: The role of motivational factors in the development of forest recreation demand models: A consideration of environmental and forest specific attitudes. Paper given at the Third Conference of the EPUK network at the Scott Sutherland School of the Robert Gordon University, the 23rd and 25th June, 2003.
- 2003 **Burton, R.J.F.:** Agricultural development in Scotland: the influence of the changing social structure of ‘family farms’. Macaulay Annual Report 2003. Aberdeen, Macaulay Institute.
- 2002 **Burton, R.J.F.:** The drivers of agricultural land use change in Scotland over the past decade: Preliminary results from Huntly, Aberdeenshire. Paper presented at the First Meeting of Anglo-German Rural Geographers “The Countryside in the 21st Century: Anglo-German Perspectives”, Bayreuth, August 2002.
- 2000 Walford, N. and **Burton, R.J.F.:** The development of large-scale commercial farming in south-east England. Occasional paper, Kingston University, Kingston-upon-Thames.
- 1996 Tiffin, R. and **Burton, R.J.F.:** Seeing the Wood for the Trees. Planning for the Natural and Built Environment, 1175 pp. 24-25.
- 1996 Diaz, A. and **Burton, R.J.F.** The impact of predation by Muntjac deer *Muntiacus reevesi* on the sexual reproduction of the woodland herb, Lords and Ladies *Arum maculatum*. Deer 10 (1) pp. 14-19.

Other activities:

Editorial work:

- 2016- Land Use Policy – Editorial board (impact factor 2018 = 3.194)
 2018-2019 Sustainability – Editorial board (impact factor 2018 = 2.075)
 2014-2016 Geocompass – *Society and Environment* section editor (impact factor 2018 = 2.030)
 2005-2007 Macaulay Discussion Series – Editor

EU H2020 proposal reviewer:

- 2018 SFS-11-2018-2019 – Anti-microbials and animal production
 2018 RUR-01-2018-2019 – Renewing rural generations, jobs and farms

PhD external examiner/opponent

- 2023 Verena Berard, Can ‘Good Farmers’ become ‘Good Environmental Stewards’? Exploring Hill Farmers’ Situated ‘Good Farmer’ Identity in the Context of Prescriptive and Results-based Agri-environmental Schemes in the West of Ireland. Friday 23rd September, Atlantic Technological University, Sligo.
- 2017 Traci Birge, “The Nature of Farmers: Farm-level Decision Making for Farmland Conservation Targets”, Friday, 22nd September, University of Helsinki.
- 2014 Anne-Sophie Richardt, “The social context of land management. Landowners’ identity and relations in a peri-urban area. Friday 28th November, Department of Geosciences and Natural Resource Management, University of Copenhagen.
- 2012 Stine Wamberg Broch, “Environmental Motivation and Contract Design from a Landowner Perspective” Friday 21 September, Danish Centre for Forest and Landscape, University of Copenhagen.

PhD supervision

- 2015-2019 Lillian Hansen: PhD for BIOSMART.
- 2003-2007 Heike Fischer: “Succession on Scottish family farms: socialisation processes and the construction of farmer identities.” Unpublished PhD Thesis, University of Aberdeen, Aberdeen (completed 2007).

Speaking invitations

- 2024 Invited presentation. Burton, R.J.F. Why restoration ecology should be looking to Google Books for European traditional ecological knowledge. International Symposium of History & Innovation for Agroecology. Grupo de Investigación HISTAGRA (Universidade de Santiago de Compostela). September 27th,
- 2023 Invited presentation. Burton R.J.F. “Global growth in the precision-fermented cow’s milk sector: a challenge for Norwegian dairy farmers?” International Dairy Federation Norge. “The roadmap for dairy in sustainable food systems” Oslo, May 4th 2023.
- 2023 Invited presentation. Burton, R.J.F. Future protein in Norway: where are we and where are we going? “Deep Fakes and Future Steaks” digitallifenorway.org. Frukost seminar 28th April, 2023.
- 2022 Burton, R.J.F. Developments in the first decade of cultivated protein. Protein Futures (NZ) - Startup Meeting, Dunedin October 27th 2022.

- 2022 Keynote Speaker. “Developments in the first decade of cultivated meat” Transforming meat: Climate, Culture and Animals. 19-20 September, Oslo, Norway.
- 2022 Invited presentation “The Good Farmer – Insights and Implications” to the “Wales Environmental Behaviours Network” Online. September 20th, 2022.
- 2021 Keynote Speaker. Lincoln University Postgrad Conference. Developments in the first decade of cultured protein (synthetic or lab meat/milk). 1st November, 2021. Lincoln, NZ.
- 2021 Keynote Speaker. “The potential of payment-by-result approaches for improving agri-environmental outcomes in agriculture” Eurosoil 2021, 23rd to 27th August, Geneva, Switzerland.
- 2020 Keynote Speaker “6th International Scientific Conference on Cultured Meat” Online event. 9-11 December, Maastricht
- 2020 Keynote Speaker “Promoting environmental management as part of the “good farmer” identity” The Burren Winterage School on Sustainable Farming. Online Event. Thursday October 22nd, Ireland.
- 2020 Invited speaker “International Dairy Federation Day” (Tine). Synthetic animal protein and Norway’s dairy future. February 5th, Oslo.
- 2019 Invited speaker “NIBIO Conference”. From Agriculture to Bioeconomy. February 12th, Oslo.
- 2019 Invited speaker “Bioteknologirådet public discussion”. “What will happen to livestock farming in Norway with the arrival of cultured meat?” June 6th, Oslo.
- 2019 Invited speaker “Ministry of Food and Agriculture, Norway.” “Synthetic animal protein: The end of industrial agriculture?”. 20th November, Oslo.
- 2019 Invited speaker “Result Based Payments - Setting up a network” Ministry Agriculture in Austria. 16th September, Vienna.
- 2019 Invited speaker “Trondheim Tenkeloft” (regional discussion group). Syntetisk protein og hvordan dette kan påvirke landbruket (Synthetic Protein and how can it affect agriculture). 30th January, Trondheim.
- 2018 Keynote speaker “EURAGRI conference”. BIOSMART Key cross sectorial findings, 24th September, Oslo.
- 2018 Invited speaker «BIONÆR Day». Hvordan fremme overgangen til en smart Bioøkonomi? (How do we promote the transition to a smart bioeconomy?) Thursday 15th November, Oslo.
- 2009 Invited symposium speaker “European Congress of Conservation Biology” (Nature Conservation on farmland: linking ecology with social sciences): “Exploring Farmers’ Cultural Resistance to Voluntary Agri-environmental Schemes” Prague, 1st – 5th September, 2009.
- 2006 Invited speaker “Economic and Social Research Council seminar on the future of the Uplands”, Exeter University 28th February 2006: “Social Capital in Hill Farming”
- 2006 Keynote speaker at: “CSIRO Horizons in Livestock Science Conference” “Global culture: global agriculture”. 8th October, Brisbane, Australia.

Contracts (as lead researcher/bid author)

- 2023: Proposal co-author and project leader. WELFARM: *“Improving animal welfare regulatory compliance in dairy and pig farming”*. Forskningsrådet Norway (8 million NOK).
- 2022: Proposal co-author and mentor for lead researcher. AGRISOCIAL: *“Towards a socially sustainable green transition for agriculture and rural communities”*. Forskningsrådet Norway (12 million NOK).
- 2021: Proposal author and mentor for lead researcher. SYNAGRI: Developing synergies between the bioeconomy and regional food systems for a sustainable future. Forskningsrådet Norway. (12 million NOK)
- 2019: Proposal author and project leader. PROTEIN2.0: The biosynthetic protein transition: assessing impacts, outcomes and opportunities for Norway's post-animal bioeconomy. Forskningsrådet Norway. (10 million NOK).
- 2016: Proposal co-author and mentor for lead researcher. “COOLCROWD: Local crowdfunding for a low-emission society. Forskningsrådet Norway. (11 million NOK).
- 2014: Proposal co-author and project leader: *“BIOSMART: Managing the transition to a ‘smart’ bioeconomy.”* Forskningsrådet Norway. (40 million NOK)
- 2014: Proposal author and project leader: *“New Pathways to a low carbon society: exploring the beef/dairy system as a ‘community of interest’.”* Forskningsrådet Norway (pr. Number 235670/E10). (10 million NOK)
- 2008: Learning from past adaptation to extreme climatic events: A case study of drought MAF-POL/CP03 Research-01. \$65,063
- 2008: Objective 1 leader (Promoting public and pastoral farmer adoption of animal welfare measures and practices) on interdisciplinary project *“Animal Welfare for Market Success”* (Agresearch, New Zealand).
- 2008: Objective 1 leader (Understanding agricultural decision-making in New Zealand) on interdisciplinary project *“Rural Futures”* (Agresearch, New Zealand).
- 2006: Understanding and influencing positive behaviour change in farmers and land managers. DEFRA contract FT0504. In collaboration with CCRU.
- 2004: *Social Capital in Hill Farming*. International Centre for the Uplands. In collaboration with SAC Edinburgh.
- 2004: Factors Influencing the Decision of Adopting Agri-environmental Measures in Central and Eastern European Countries. Consultancy sub-contract to CEEC group.
- 2003: *The role of voluntary labour in maintaining family farming and its implications for land use change (PhD studentship)*. Macaulay Development Trust.
- 2003: *Cultural resistance to European agricultural policy: a cross-cultural comparison between the UK and Germany*. Anglo-German Foundation for the Study of Industrial Society
- 2003: *International response to agricultural support reform – policy, people and land use: Lessons for Scotland from a New Zealand comparison*. Macaulay Development Trust.
- 2003: Critical comparison of the drivers of land use change in Scotland and Norway. Macaulay Development Trust.

Work history – research projects:

2025-	AGRILAND+ <i>“Locating and utilizing Norway’s lost and underused agricultural land reserves”</i>
2023-	WELFARM: <i>“Improving animal welfare regulatory compliance in dairy and pig farming”</i> .
2021-	SYNAGRI: <i>“Developing synergies between the bioeconomy and regional food systems for a sustainable future”</i>
2021-	RESTORE: <i>“Restoration of ecosystem functioning and biodiversity in seminatural habitats under high pressure”</i>
2021-	LIMBO: <i>“Evaluating emerging AMR threats and future capacity for action in Norwegian livestock agriculture.”</i>
2020-2022	CLIMPLEMENT: <i>“Climplement – How farmers and agricultural actors can implement effective climate solutions.”</i>
2019-2022	PROTEIN2.0: <i>“The biosynthetic protein transition: assessing impacts, outcomes and opportunities for Norway’s post-animal bioeconomy.”</i>
2017-2021	COOLCROWD: <i>“Local crowdfunding for a low-emission society.”</i>
2017-2020	LOCAL CARNIVORE: <i>“Grazing resources, carnivores and local communities.”</i>
2017-2019	PLAID (EU) <i>“On-farm demonstrations: deepening farmer-to-farmer learning mechanisms”</i>
2016-2019	SALSA (EU): <i>“Small farms, small food businesses and sustainable food security”</i>
2014-2019	BIOSMART: <i>“Managing the transition to a ‘smart’ bioeconomy.”</i>
2014-2018	NEWPATH: <i>“New Pathways to a low carbon society: exploring the beef/dairy system as a ‘community of interest’.”</i>
2013-2017	AGRISPACE: <i>“Space, land and society: challenges and opportunities for production and innovation in agriculture based value chains.”</i>
2013-2017	ENGKALL: <i>“Integrating scientific and traditional knowledge in adaptive management of semi-natural hay meadows.”</i>
2013-2017	AGROPRO <i>“Agronomy for increased food production. Challenges and solutions.”</i> Forskningsrådet Project Number 225330
2011-2013	COCOVIN <i>“Conservation Covenants in Norway – moderating conflicts, reducing bio-diversity loss and improving resource management?”</i> (Centre for Rural Research, Norway)
2011-2013	CSCAPE <i>“Accounting for carbon and GHG emissions: balancing multiple landscape functions on farmland”</i> (Centre for Rural Research, Norway)
2011-2013	STRUKTURS <i>“Structural changes in agriculture, rural communities and cultural landscapes”</i> (Centre for Rural Research, Norway)
2009-2013	AGRIPOL <i>“Back to the future? Policy responses to the increasing food prices and climate change in the new millennium”</i> (Centre for Rural Research, Norway) (Contract research to 2011)
2009-2011	UPLAND-SIP <i>“Upland and Mountain Communities – between marginalisation, commercialisation and conservation”</i> project,

- investigating change in upland areas of Norway. (Contract research - Centre for Rural Research, Norway)
- 2009-2011 Contract researcher on “*Promoting public and pastoral farmer adoption of animal welfare measures and practices*” (Agresearch, New Zealand)
- 2009-2011 Contract researcher on “*Understanding agricultural decision-making in New Zealand*” (Agresearch, New Zealand)
- 2009 Contract researcher on the “*Open Water Project*” (Agresearch, New Zealand)
- 2008-2009 Objective leader “Promoting public & farmer adoption” in FoRST funded project “*Animal Welfare for Market Success*” PROJ-13852-PPS-AGR.
- 2008-2009 Objective leader “*Understanding agricultural decision-making in New Zealand*” in FoRST funded project “Rural Futures” PROJ-13807-PPS-AGR.
- 2008 Project leader “*Learning from past adaptation to extreme climatic events: A case study of drought*” MAF-POL/CP03 Research-01.
- 2006-2007 Team Leader (for Macaulay component) “*Understanding and influencing positive behaviour change in farmers and land managers*. DEFRA contract FT0504. In collaboration with the Countryside and Community Research Unit.
- 2006-2007 Team leader “Enhancing Biodiversity” module 3.8.2 of the SEERAD funded program on “Protection and enhancement of rural landscapes and communities”
- 2004-2007 PhD supervisor “*The role of voluntary labour in maintaining family farming and its implications for land use change*” Macaulay Development Trust.
- 2004-2006 Team leader “*Cultural resistance to European agricultural policy: a cross-cultural comparison between the UK and Germany*. Anglo-German Foundation for the Study of Industrial Society.
- 2004-2005 Team leader “*Social Capital in Hill Farming*”. International Centre for the Uplands. In collaboration with SAC Edinburgh.
- 2004 Consultant to EU Project “*Factors Influencing the Decision of Adopting Agri-environmental Measures in Central and Eastern European Countries*.” Funded under FP5, Quality of Life and the Management of Living Resources (QLK5-CT-2002-02718).
- 2003 Research leader “*Critical comparison of the drivers of land use change in Scotland and Norway*. Macaulay Development Trust.
- 2000-2003 Research leader “*Case studies of land use change in Scotland*” Scottish Executive Environmental and Rural Affairs Department (SEERAD) funded research.
- 1998-1999 Research Fellow on ESRC project “*Agricultural Policy Adjustment: Responses by Large Scale Farm Businesses* (Ref. R000222512)” (with Prof Nigel Walford)
- 1994-1998 PhD research “*The role of farmer self-identity in agricultural decision making in the Marston Vale Community Forest*”
- 1993 Researcher on Nuffield Foundation study “*Agri-environmental policy in Wales – the case of ESA schemes*” (with Prof Geoff Wilson).