

Katharine Legun

Assistant Professor
Strategic Communication Group
Wageningen University
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Education

- 2013 Ph.D. Sociology, University of Wisconsin-Madison.
Dissertation: "A Club Apple Society: What this New Economic organization Says about the Nature of Markets" Committee: Michael Bell (Chair), Jane Collins, Jess Gilbert, Joe Conti, Keith Woodward
Qualifying Exams: Environmental Sociology, Economic Sociology
- 2008 M.A. Sociology, University of British Columbia.
- 2005 B.A. Sociology, University of British Columbia.

Academic Positions

- 2020 - Assistant Professor, Strategic Communication Group, Wageningen University
- 2019-19 Senior Lecturer (Confirmed), Department of Sociology, Gender Studies and Criminology, and Research Affiliate at the Centre for Sustainability University of Otago, New Zealand.
- 2013-19 Lecturer, Department of Sociology, Gender and Social Work, and Research Affiliate at the Centre for Sustainability University of Otago, New Zealand.

Publications

Books and Editorial

- 2020 **Legun, Katharine**, Keller, Julie, Bell, Michael and Michael Carolan. (2021) *Cambridge Handbook of Environmental Sociology*, Cambridge University Press
- 2017 **Legun, Katharine** and Matthew Henry. Special issue on "The post-human turn in agri-food studies" *Journal of Rural Studies*, 52

Peer Reviewed Journal Articles and Book Chapters

- 2022 Burch, Karly, Nafus, Dawn, **Legun, Katharine** and Laurens Klerkx "Intellectual property meets transdisciplinary co-design: Prioritizing responsiveness in the production of new AgTech through located response-ability." *Agriculture and Human Values* (accepted)
- 2022 **Legun, Katharine**, Burch, Karly, and Laurens Klerkx "Can a robot be an expert? The social meaning of skill and its expression through the co-design of autonomous robotics" *Agriculture and Human Values* (accepted)
- 2022 **Legun, Katharine**, Comi, Matt and Mark Vicol "New aesthetic regimes: the shifting global political ecology of aroma hop. *Geoforum*, 128, 148-157

- 2021 Burch, Karly and **Katharine Legun**, "Overcoming barriers to including agricultural workers in the co-design of new AI and robotic technologies" *Culture, Agriculture, Food and Environment (CAFÉ)*.
- 2021 **Legun, Katharine** and Karly Burch "Robot-ready: How apple producers are assembling in anticipation of new AI robotics. *Journal of Rural Studies*, 82, 380-390.
- 2021 Contesse, Maria, Duncan, Jessica, **Legun, Katharine** & Laurens Klerkx. "Unravelling non-human agency in sustainability transitions. *Technological Forecasting and Social Change*, 166, 120634.
- 2020 **Legun, Katharine** and Abbi Virens "What is a post-human or more-than-human approach, and what is it trying to do? Exploring the Interventions offered by Actor-Network Theory, Assemblage Theory, and New Materialisms" prepared for inclusion in Legun, Keller, Carolan and Bell (eds) *the Cambridge Handbook of Environmental Sociology*
- 2020 Hale, James, **Legun, Katharine**, and Hugh Campbell. "Accounting for accountabilities: Shaping Capacity through Participatory Governance Design in NZ Water Networks," *Journal of Rural Studies* 92: 451-461
- 2019 Hale, James, **Legun, Katharine** and Hugh Campbell. "Social sustainability indicators as performance" *Geoforum*. 103, 47-55
- 2018 **Legun, Katharine**. "Securing the Future of Apple Production" for *The New Biological Economy: How New Zealanders are Creating Value from the Land* in Pawson and the Biological Economies Research Team (eds), Auckland: Auckland University Press.
- 2018 Burch, Karly, **Legun, Katharine** and Hugh Campbell. "Not Defined by the Numbers: Distinction, Dissent and Democratic Possibilities in Debating the Data" in Forney, Rosin and Campbell (eds) *Agri-environmental governance as an assemblage: multiplicity, power, and transformation*, Routledge
- 2018 **Legun, Katharine** and Michael Bell. "Environmental Sociology" in Javier Trevino (ed) *Investigating Social Problems (2nd Ed)*. Thousand Oaks, CA: SAGE
- 2018 **Legun, Katharine** and Marion Sautier. "Sustainability programs and deliberative democracy: the case of sustainable winegrowing in New Zealand," *Agriculture and Human Values*, 35(4), 837-852
- 2017 Sautier, Marion, **Legun, Katharine**, Campbell, Hugh, and Chris Rosin. Sustainability: a tool for governing wine production in New Zealand? *Journal of Cleaner Production*, 179, 347-356
- 2017 Rosin, Chris, **Legun, Katharine**, Sautier, Marion and Hugh Campbell. From Compliance to Co-Production: emergent forms of agency in Sustainable Wine Production in New Zealand. *Environment and Planning A*, 49(12), 2780-2799
- 2017 **Legun, Katharine**. Desires, Sorted: Massive Modern Packing Lines in an Era of

Affective Food Markets. *Journal of Rural Studies*, 52, 110-117

- 2017 Alrøe, Hugo F., Sautier, Marion, **Legun, Katharine**, Whitehead, Jay, Noe, Egon, Moller, Henrik, and Jon Manhire. Performance versus Values in Sustainability Transformation of Food Systems. *Sustainability* 9(3): 332-363
- 2016 **Legun, Katharine**, and Michael Bell. The second middle: Conducers and the agrifood economy. *Journal of Rural Studies*, 48, 104-114
- 2016 **Legun, Katharine**. "Ever-Redder Apples: How Aesthetics Shape the Biology of Markets." In Le Heron, Campbell, Marsden and Carolan, (eds.) *Biological Economies: Experimentation and the politics of agri-food frontiers*. Routledge
- 2016 de Olde, Evelien. ... **Legun, Katharine** ... Manhire, Jon. When experts disagree: The need to rethink indicator selection for assessing sustainability of agriculture. *Environment, Development & Sustainability*: 1-16
- 2015 **Legun, Katharine**. Tiny trees for trendy produce: Dwarfing technologies as assemblage actors in orchard economies. *Geoforum*, 65, 314-322
- 2015 **Legun, Katharine**. Club apples: a biology of markets built on the social life of variety. *Economy and Society*, 44(2): 293-315
- 2014 Bell, Michael and **Katharine Legun**. "Environmental Sociology" in Javier Trevino (ed) *Investigating Social Problems*. Thousand Oaks, CA: SAGE
- 2011 **Legun, Katharine**. Cultivating Institutions: Organic Agriculture and Integrative Economic Choice. *Society & Natural Resources: An International Journal*, 24(5), 455-468

Grants, Awards, and Funding

- 2022 SSG Grant for Supporting Research "Exploring the Under-utilization of Geographical Indicators in Ireland"
- 2020 Aspasia Grant, WUR
- 2018-2023 Otago PI, The Ministry for Businesses, Innovation and Employment (MBIE, NZ Endeavour Grant), "Data informed decision making and automation in orchards and vineyards"
- 2018 Otago Primary Investigator, AgriBusiness Development Group, "Sustainability Analysis of the New Zealand Kiwifruit Industry"
- 2014-2018 Social Pillar Leader, The Ministry for Businesses, Innovation and Employment (MBIE, NZ), "Sustainability Dashboard Project" (<http://www.nzdashboard.org.nz>).
- 2017 Otago CALT Grant, "Environmental literacy, global perspective and social responsibility: key learning-outcomes?" Assessing the application of graduate student attributes across nine divisions at Otago, in

collaboration with 17 staff members

- 2015 University of Otago (NZ) Research Grant “Club Apples: Co-operatively Owned Patented Apple Varieties in an International Context”
- 2012-2013 National Science Foundation (USA), Doctoral Dissertation Improvement Grant, “A Club Apple Society: What this New Economic Organization says about the Nature of Markets“
- 2009 -2012 Social Sciences and Humanities Research Council (Canada), Doctoral Fellowship, “Cultivating Institutions: Relationships between landscapes and the organization of economic markets”
- 2012 International Sociological Association RC02 “Economy and Society”, Graduate Student Paper Award, “A Club Apple Society: The Biosocial Impacts of Economic Institutions and Materiality of Markets”

Teaching

Main Areas: Science and Technology Studies, Data Ethics, Science Communication

- 2021-annually Lecturer and Course Coordinator, CPT 53806: Internet-Based Communication and Learning for Social Change, 3rd year undergraduate, Wageningen
- 2020-annually Lecturer, CPT-30503: Data Ethics, Master’s course, Wageningen
- 2020-annually Lecturer and Course Coordinator for CPT-38006: Science Communication 2.0 – Master’s course, Wageningen
- 2018 Lecturer and Course Coordinator for SOCI309: Science, Technology and Post-Capitalist Futures - 3rd year undergraduate, Otago
- 2013-2019 Lecturer and Course Coordinator for SOCI302: Theories of Social Power - 3rd year undergraduate, Otago
- 2015- 2019 Lecturer and Course Coordinator for SOCI208: Environmental Sociology - 2nd year undergraduate, Otago
- 2014 Lecturer and Course Coordinator for SOCI419: Environmental Sociology - graduate, Otago
- 2014 - 2019 Co-teacher for ENV111: Environment and Society - 1st year undergraduate, Otago
- 2014 – 2016 Co-teacher for SOCI202: Sociological Theory - 2nd year undergraduate, Otago
- 2017 – 2019 Co-teacher for MFC0222: Science, Technology and Society - 2nd year undergraduate, Otago

Service and Outreach

- 2021 – present Planning Committee, Public Communication of Science and Technology conference in Rotterdam 2023
- 2018–present Executive Committee, ISA RC-40: Research Committee on Agriculture and Food, International Sociological Association
- 2017–2019 Australasian regional representative, RC-40: Research Committee on Agriculture and Food, International Sociological Association
- 2017–2019 Executive Committee Member, Sociological Association of Aotearoa New

	Zealand
2017	Panel Organizer, Environmental Responsibility at the University, Dec 9 th , University of Otago, in collaboration with Dr Manuel Vallee (Auck),
2017	Workshop Mentor, Agrifood XXIV Preconference Workshop, Nov 28-30 th , Bandung, Indonesia
2013–2015	Department Seminar Committee, Department of Sociology, Gender, Social Work, University of Otago
2015	Conference Committee, Agri-food 2015, Queenstown, NZ
2015–2017	Humanities Representative, Tertiary Education Union
2014	Guest on radio show, “Sustainable Lens,” Dunedin 105.4fm

Talks, Seminars, and Workshops

2022	Invited seminar, National Centre for the Public Awareness of Science, Australian National University, Australia
2022	Invited workshop and symposium participation, University of Nîchatel, Everyday Digitalisation
2019	Invited online seminar, Cornell Initiative for Digital Agriculture, Cornell University, USA
2019	Visiting Research Fellow, Collaborative Research Centre, Technische Universität Berlin
2018	Visiting scholar roundtable, Science & Justice Research Centre, University of California, Santa Cruz, USA
2018	Seminar, Department of Sociology, University of Victoria, Canada
2017	Talk, Youth for SDGs, ‘Know your Goals, Special Lecture on Sustainable Development Goals,’ University of Otago, NZ
2017	Seminar, Environmental Change Institute, University of Oxford, UK
2017	Invited workshop participation, Anthropology, University of Amsterdam, NL
2015	Invited lecture, Department of Geography, Massey University, NZ

Supervision

Doctorate

Maria Contesse (PhD student, Wageningen University and Research): co-supervisor, 1/6/2021 – present

Abbigale Virens (PhD awarded in Sociology, University of Otago): primary supervisor, 1/7/2017 – 1/12/2019. “Food foraging as a diverse economy in Dunedin.” Abbigale completed her PhD in 2022 and has been hired as a Post-doctoral Fellow at the Centre for Sustainability at the University of Otago

Rudi Kresna (PhD awarded in Sociology, University of Otago): primary supervisor, 1/1/2017 – 1/12/2019. “Social capital and access to forest resources for smallholder dairy farmers in Indonesia”

Katharine Cresswell Riol (PhD awarded in Sociology, University of Otago): primary supervisor, 1/6/2016 – 1/12/2019. “The Right to Food and the role of food banks in New Zealand”

Karly Burch (PhD awarded in Sociology, University of Otago): co-supervisor, 1/5/2015 – 1/6/2018. “A vibrant institutional analysis of citizen engagement in food safety after the Tepco nuclear disaster in Japan.” Karly’s dissertation was awarded an “exceptional thesis” designation by the University of Otago and is now a Postdoctoral Fellow at the University of Otago, but will start a new Tenure Track position at the University of Auckland beginning 01/01/2023

Erika Szymanski (PhD awarded in Science Communication, University of Otago): co-supervisor, graduated, 1/7/2013 – 1/5/2016. “Making 'not the deficit model' specific: Designing texts to invite industry knowledge in wine science.” Erika continued as a Research Fellow working on synthetic biology at the University of Edinburgh, and is now an Assistant Professor at Colorado State University