

Katie Kish
Curriculum Vitae
February 2021

EDUCATION

Degrees

- 2018 **Ph.D.** Social and Ecological Sustainability. University of Waterloo
Thesis: Ecological Economic Development Goals: Reincorporating the social sphere in ecological economic theory and practice
- 2013 **M.E.S.** Faculty of Environmental Studies. York University
Thesis: Soft Systems Methodology and Shanghai's Elderly: An Ecohealth approach to air pollution and Shanghai's elderly
- 2011 **B.E.S.** Faculty of Environmental Studies. York University
(transfer B.Sc. Geography, University of Victoria)
Stream: Environmental Politics Minor: English

Certificates

- 2020 **Emerging Leader Certification.** McGill University
Courses: Leadership; Citizenship & Culture; Power; Conflict Management
- 2017 **Certificate in Teaching Fundamentals.** Center for Teaching Excellence, University of Waterloo
Courses: Giving and receiving feedback; Effective lesson plans; Classroom delivery skills; Group work; Rubrics; Facilitating Effective Discussions
- 2013 **Certificate of Chinese Language.** York University

CURRENT POSITIONS

- 2021 - **Research Associate.** Ecological Footprint Initiative, York University
- 2021 - **Research Fellow.** Economics for the Anthropocene, McGill University
- 2021 - **Sessional Lecturer.** Haida Gwaii Institute, University of British Columbia

PAST ACADEMIC EMPLOYMENT

- 2018 - 2020 **Postdoctoral Researcher.** Natural Resource Sciences, McGill University
- 2019 - 2019 **Course Developer.** Haida Gwaii Institute, University of British Columbia
- 2017 - 2018 **Sessional Lecturer.** School of Environment, Enterprise, and Development, University of Waterloo
- 2015 - 2016 **Teaching and Learning Associate.** Faculty of Environment, University of Waterloo
Outputs: Research-to-Action report on experiential education for the Dean; Annual Faculty Experiential Education Festival

PUBLICATIONS

Books

- 2021 *An Ecological Economic Society: Reconfiguring the Sustainable Development Goals within Limits to Growth.* Routledge. Forthcoming.

Edited Collections

- 2019 *Liberty and the Ecological Crisis: Freedom on a Finite Planet.* Routledge. Url: <https://www.routledge.com/Liberty-and-the-Ecological-Crisis-Freedom-on-a-Finite-Planet/Orr-Kish-Jennings/p/book/9780367346775>

Peer Reviewed Journal Articles

- 2021 **Kish, K.**, Farley, J. A Research Agenda for the Future of Ecological Economics by Emerging Scholars. *Sustainability*. 13(3): 1557
DOI: <https://doi.org/10.3390/su13031557>
- 2021 **Kish, K.** Commodified Attention: Social advertising's impact on consumption and wellbeing. *Alternatives*. 45(3). (Forthcoming, Summer 2021.)
- 2021 **Kish, K.** The Current State of Ecological Footprint Research. *Alternatives*. 45(3). (Forthcoming, Summer 2021.)
- 2021 **Kish, K.**, Zywert, K., Hensher, M., Davy, B., and Quilley, S. Socio-Ecological Systems Transformation: Lessons from COVID-19. *World*. 2: 15-31.
DOI: <https://doi.org/10.3390/world2010002>
- 2020 **Kish, K.** Paying Attention: big data and social advertising as barriers to ecological change. *Sustainability*. 12(24): 10589.
DOI: <https://doi.org/10.3390/su122410589>
- 2020 Hensher, M., **Kish, K.**, Farley, J., Quilley, S., Zywert, K. Open knowledge commons versus privatized gain in a fractured information ecology: lessons from COVID-19 for the future of sustainability. *Global Sustainability*. 3:E26.
DOI: <https://doi.org/10.1017/sus.2020.21>
- 2019 **Kish, K.** The Revolution Will Be Handmade. *Solutions*. 10:91-96.
URL: <https://www.thesolutionsjournal.com/article/revolution-will-hand-made-prince-edward-island-canada-demonstrates-power-making-local-economic-development-contexts/>
- 2018 **Kish, K.** School of Thought: Green Teacher founder and veteran Tim Grant explains five trends that are transforming education. *Alternatives*. 43(4):66-70.
<https://go.gale.com/ps/anonymouse?id=GALE%7CA547075883&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=12057398&p=AONE&sw=w>
- 2017 **Kish, K.**, Quilley, S. Wicked Dilemmas of Scale and Complexity in the Politics of Degrowth. *Ecological Economics*. 142:306-317.
DOI: <http://dx.doi.org/10.1016/j.ecolecon.2017.08.008>
- 2017 **Kish, K.**, Quilley, S. D.I.Y.: How to Put Meaning Back into Your Work. *Alternatives*. 43(1):46-50. URL:
<https://go.gale.com/ps/anonymouse?id=GALE%7CA504784954&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=12057398&p=AONE&sw=w>
- 2016 Hawreliak, J., **Kish, K.**, Quilley, S. Finding an Alternative Route: Towards an Eco-Cyclical and Distributed Production. *Journal of Peer Production*. 9:1-17. URL:
<http://peerproduction.net/editsuite/issues/issue-9-alternative-internets/peer-reviewed-papers/finding-an-alternate-route-towards-open-eco-cyclical-and-distributed-production/>
- 2015 **Kish, K.**, Bunch, M., Xu, J. Soft Systems Methodology in Action: Environment, Health, and Shanghai's Elderly. *Systems Practice and Action Research*. 29:61-77.
DOI: <https://doi.org/10.1007/s11213-015-9353-4>

Book Chapters

- 2020 **Kish, K.** "Work, Labour, and Regenerative Production" *Sustainable Wellbeing Futures*. Costanza, R., Erickson, J., Farley, J., Kubiszewski, I. Edward Elgar. 27-44.
- 2020 **Kish, K.**, Bliss, S. "Ecological Economic Goals from Emerging Scholars" *Sustainable Wellbeing Futures*. Costanza, R., Erickson, J. D., Farley, J., Kubiszewski, I. Edward Elgar. 409-426.

- 2020 **Kish, K.** “What About My Pineapples?: The Wicked Implications of Nonlinearity, Embedded Systems, and Transformative Social Goals” *Health in the Anthropocene: Living Will on a Finite Planet*. Zywert, K., Quilley, S. University of Toronto Press. 140-154.
- 2019 **Kish, K.** “Reclaiming Freedom Through Prefigurative Politics” *Liberty and the Ecological Crisis*. Orr, C., Kish, K., Jennings, B. Routledge. 49-64.
- 2019 Jennings B., **Kish, K.**, Orr, C. “The Ecological Crisis and the Future of Liberty” *Liberty and the Ecological Crisis*. Orr, C., Kish, K., Jennings, B. Routledge. 1 - 14.
- 2019 Quilley, S., **Kish, K.** “The Ecological Limits of the Sustainable Development Goals” *Achieving the Sustainable Development Goals*. Dalby, S., Horton, S., Mahon, R., Thomaz, D. Routledge. 170-189.

Manuscripts in Submission

- 2021 **Kish, K.**, Davy, B.J., Murphy, S., McCarthy, D., Quilley, S. Distributed and Relational Restoration Ecology. *Ecology and Society*. Revised and Resubmitted.
- 2021 **Kish, K.** Resilient post-growth institutions. *Ecology and Society*. Revised and Resubmitted.
- 2021 **Kish, K.**, Mallery, D. Burke, M., Larson, J., Melgar-Melgar, R., Orr, C. Sanniti, S., Smolyar, N. Critical systems critique of ecological economics. *Journal of Ecological Economics*. Under Review.
- 2020 Dartnell, L., **Kish, K.** The Impact of COVID-19 on Consumption of Peer-to-Peer and Do-It-Yourself Products. *The Journal of Sustainable Production and Consumption*. Under Review.
- 2020 **Kish, K.**, Dartnell, L. Distributed Peer-to-Peer Production for Degrowth Economies. *Journal of Peer Production*. Under review.
- 2020 **Kish, K.**, Sanniti, S. A Crisis of Burden: Who bears the brunt of the low-carbon transition? *Journal of Ecological Economics*. Under Review.
- 2020 **Kish, K.** Makers and a Caring Sustainable Transition. *Journal of Ecological Economics*. Under review.
- 2020 Farley, J., **Kish, K.** Evolutionary Cooperation for the Next 30 Years of Ecological Economics. *Ecological Economics*. Submitted for initial review.

Manuscripts in Preparation

- 2021 **Kish, K.** The Role of Big Data in Econology. *Journal of Risk and Financial Management*. Invited to Special Issue. Writing.
- 2021 **Kish, K.** The Ecological Economy of the Industrial Internet of Things. *Brazilian Journal of Social and Labor Economics*. Invited to Special Issue. Writing.
- 2021 **Kish, K.** Canadian Understanding, Demand, and Need of the Ecological Footprint: Interviews with key sustainability stakeholders. Writing.
- 2021 **Kish, K.** and Jones, J. Online Systems and Participatory Research During the COVID-19 Pandemic. Writing.

Policy Briefs and Reports

- 2021 **Kish, K.** Miller, E. Ecological Footprint Evidence Brief. Writing.
- 2021 **Kish, K.** Ecological Footprint Knowledge Synthesis Report. Writing.
- 2020 **Kish, K.** Toward Degrowth Production. *Journal of Peer Production*. Submitted.
- 2020 **Kish, K.** Guelph Green’s Statement to the City of Guelph – Adopting the Doughnut Economy Model. *Guelph Greens*. In development.

Peer Review Academic Transfer Magazine

2017	Kish, K. Special Issue: Ecological Economics. <i>Alternatives</i> . https://www.katiekish.com/project/ai-si-ee/
	43(1):7 Editorial
	43(1):11 Better Banking
	43(1):14-15 New Thinking for Old Problems
	43(1):25 Measuring What Really Matters
	43(1):40-41 Economics Evolution Infographic
	43(1):51 Interview with Tomorrow's Makers
	43(1):66 Get into It: How to dive into the ecological economy

GRANTS AND FELLOWSHIPS

2021	Collaborator. Indigenous Economics Assembly. Connections Grant, SSHRC. Principal Investigator: Peter Victor (\$19 000) <i>Awaiting results</i> .
2021	Co-Principal Applicant. The Handmade Economy. Insight Grant, SSHRC. Co-Applicants: Patricia Perkins, Claudia De Fuentes. (\$284 500) <i>Awaiting results</i> .
2020	Co-Writer. Blueprint Toward a Just and Sustainable Post-COVID Transition. SSHRC Connections Grant. Primary Investigator: Lynda Gange (\$24 996)
2019 - 2020	Collaborator. CANSEE Student Symposium. Connections Grant, SSHRC. Principal Investigator: Simron Singh (\$23 000)
2018	Co-Writer. Developing the Ecological Footprint Research Initiative. Insight Development Grant, SSHRC. Co-Writer: Eric Miller. Principle Investigator: Martin Bunch (\$20 000)
2018 - 2019	Writer. Liberty in the Anthropocene. Connections Grant, SSHRC. Principle Investigator: Peter Brown (\$19 000)
2018	Co-Applicant. CANSEE Student Symposium. Student Enhancement Grant, University of Waterloo. Co-Applicant: Sophia Sanniti (\$13 000)
2018	Writer. Ecological Economic Editorial Position. Eco Canada Grant. Principal Applicant: David McConnachie (\$15 000)
2018	Co-Applicant. Ecological Economic Special Issue Funding. Ivey Foundation. Co-Applicant: David McConnachie (\$30 000)
2015 - 2016	Research Fellow. Waterloo Institute for Social Innovation and Resilience. Supervisors: Daniel McCarthy, Frances Westley, Stephen Quilley (\$5000)
2015 - 2016	Co-Applicant. Critical Indigenous Education, Learning Innovation and Teaching Enhancement Grant. Center for Teaching Excellence, University of Waterloo. Co-Applicant: Daniel McCarthy, Stephen Quilley (\$5000)
2015 - 2016	Writer. Maker Study 4A Status Seed Funding, SSHRC. Principle Investigators: Stephen Quilley, Marcel O’Gorman, Robert Gorbet (\$8000)
2015	Primary Applicant. ENVigorate Festival Funding. Special Dean’s Funding, University of Waterloo (\$23 000)
2015	Co-Applicant. ENVigorate Festival Award. Environment Endowment Fund Co-Applicant: Joseph Leis (\$9000)
2015	Collaborator. Maker Society. Metcalf Foundation. Primary Investigators: Stephen Quilley and Jason Hawreliak (\$36 800)

AWARDS AND HONOURS

2016	President’s Scholarship. University of Waterloo (\$10 000)
2015	Ontario Graduate Scholarship (\$15 000)
2015	Student Excellence Scholarship. Canadian Society for E.E. (\$5000)

- 2013 **Graduate Excellence Scholarship**. University of Waterloo (\$20 000 over 4 years)
 2012 **Asian Language Awards** Vivienne Poy & Burno Skoggard). York Centre for Asian Research (\$9 000)

INVITED TALKS

- 2020 “Sociological Limits to the Sustainable Development Goals” *Ecological Law and Sustainable Development Goals*. Ecological Law and Governance Association. Online. December 4. URL: <https://youtu.be/ZpgVJxvK22U?t=1571>
- 2020 “Can Ecological Economics Shape a Shock-Resistant Planet?” *Sustain What?* Columbia University. Online. April 9. URL: <https://youtu.be/jeAU4xbiZcY>
- 2020 “A Post-Pandemic Economy that Values Makers & Caregivers” *Sustain What?* Columbia University. Online. May 13. URL: https://youtu.be/-lhmXoz_7AE
- 2019 “What About My Pineapples?” *Canadian Society for Ecological Economics Biennial Conference - Keynote*. Waterloo, ON. May 25. URL: <https://youtu.be/1Z9H26SGwwE>
- 2018 “Ecological Economics for Emerging Scholars” *Gund Institute*. University of Vermont. Burlington, VT. August 13.

CONFERENCES

Workshops Organized

- 2020 *Co-Organizer*. Soft-Systems Methodology and Boundary Critique. Ecozoic Policy Project. Training workshop. Online. October 16.
- 2020 *Co-Organizer*. Soft Systems Methodology for Responding to Post-COVID Economic Crisis in New England. Ecozoic Policy Project. Online. September 18.
- 2018 *Organizer*. Liberty in the Anthropocene. Economics for the Anthropocene and Leadership for the Ecozoic. Montreal. November 9-13.
- 2016 *Organizer*. Re-Maker Society. Center for International Governance and Innovation. Waterloo, ON. May 12-15.
- 2015 *Organizer*. New Student Mentorship Workshop. School of Environment, Resources, and Sustainability. Waterloo, ON. September 18.

Panels Organized

- 2021 “Balancing Canada’s Ecological Footprint.” Accepted for the Canadian Society for Ecological Economics Biennial. Online. May 28.
- 2021 “Ecological Economics Research Today.” Accepted for the Canadian Society for Ecological Economics Biennial. Online. May 27.
- 2021 “Data and Ecological Behaviour Change.” Anthropocene to the Ecozoic Webinar. Online. February 24.
- 2020 “Scaling Open Innovation Networks to Address Global Challenges.” Canadian Science Policy Conference. Online. November 16-20.
- 2019 “A Radical Agenda for Ecological Economics.” Canadian Society for Ecological Economics. Waterloo, ON. May 24.
- 2015 “Degrowth and Nonlinear Consequences.” Canadian Society for Ecological Economics Biennial. Vancouver, BC. October 3.

Papers Presented

- 2021 “Maker Culture as a Social Innovation for Post-Growth Production Strategies.” Accepted for the Canadian Society for Ecological Economics Biennial. Online. May 28.

- 2021 “Measuring and managing Canada's use of the Earth's regenerative carrying capacity.” SSHRC Knowledge Synthesis Grant Presentation. Co-presenters: Eric Miller. Online. March 25.
- 2019 “Oh the Thinks You Can't Think.” Canadian Society for Ecological Economics Biennial. Waterloo, ON. May 24.
- 2018 “Social Sphere in Ecological Economics.” SERS Salon. Waterloo, ON. January 15.
- 2018 “Imaginative Futures through Ecological Economics.” Graduate Research Conference. Waterloo, ON. January 19.
- 2017 “Prioritizing Culture and Life in Ecological Economics.” Canadian Society for Ecological Economics and Economics for the Anthropocene. Concordia University, Montreal, QC. October 18.
- 2017 “Environmentalists at the Margins.” Resilience2017. Stockholm Resilience Centre, Stockholm, Sweden. August 21.
- 2016 “Making as a New Basin of Attraction.” Environmental Studies Association of Canada. Toronto, ON. June 2.
- 2016 “Intro to Maker Complexity.” (Re)Maker Workshop, Waterloo, ON. May 12.
- 2015 “Wicked Tensions in Environmental Modernity.” Environmental Studies Association of Canada. Ottawa, ON. June 2.
- 2015 “Psychosocial Drivers for Restoration.” Society for Ecological Restoration. Manchester, UK. August 26.
- 2015 “Experiential Learning and Alienation.” ENVigorate. Waterloo, ON. March 27.
- 2014 “A New Basin of Attraction for Environmentalism.” Complexity Seminar. Waterloo, ON. March 21.
- 2014 “Denial of Deteriorating Health and Well-being.” Eco-Health Biennial. Montreal, QC. August 14.
- 2012 “Soft Systems Methodology in Action.” Eco-Health Biennial. Kunming, China. October 17.

UNIVERSITY TEACHING EXPERIENCE

- 2021- **Sessional Lecturer.** HGSE:381 Ecological Economics. Haida Gwaii Institute, University of British Columbia. *Course delayed to Spring 2021 due to pandemic.*
- 2018 **Postdoctoral Instructor.** ENVR:630 From the Big Bang to the Anthropocene. Economics for the Anthropocene, McGill University.
Overall Instructor Evaluation from Students: 4.5/5
- 2017 **Sessional Lecturer.** INDEV:212 Introduction to Systems Thinking. School of Environment, Enterprise, and Development, University of Waterloo.
Overall Instructor Evaluation from Students: 4.79/5
- 2014-2018 **Co-Instructor.** Courses:
ERS:410 Ecosocial Systems. University of Waterloo (2017-2018)
INDEV:212 Problem Solving for Int. Dev. University of Waterloo (2016)
- 2012-2017 **Teacher's Assistant.** Courses:
ERS:211 Environment Assessment. University of Waterloo (2017)
ERS 202: Natural Resources Ecology (2016-2017)
ERS:410 Ecosocial Systems. University of Waterloo (2014-2015)
ERS:311 Intro to Systems Thinking. University of Waterloo (2013-2014)
ENVS:1000 Intro to Environmental History. York University (2012-2013)

RESEARCH EXPERIENCE**Research Projects**

- 2021 - **Research Associate.** Knowledge Synthesis for the Ecological Footprint. Ecological Footprint Initiative. York University.
- 2020 - **Principal Investigator and Coordinator.** Local production and a just transition. International Craft Consortium.
- 2015 - 2018 **Primary Researcher.** Makers in Canada. University of Waterloo.
- 2014 - 2017 **Student Researcher.** (re)Maker Society. University of Waterloo. Primary Investigators: Stephen Quilley and Jason Hawreliak.
- 2014 - 2015 **Student Researcher.** Hedges. University of Waterloo. Principal Investigator: Stephen Quilley.
- 2011 - 2013 **Primary Researcher.** Eco-Health and China's Elderly. York University.

Methodology Expertise

Used in the field: Soft Systems Methodology, collaborative workshops, content analysis, Q Methodology, ethnography, interviews, survey design, SPSS, chi-squared test, participatory budget planning, and transformative pedagogy, cognitive-affective mapping, literature review

Taught in class: agent-based modelling, system dynamic modelling, systems archetypes, general qualitative and quantitative methods, and ethics

SERVICE**Departmental and Faculty Committees**

- 2018 - **Member.** Leadership for the Ecozoic Leadership Committee. McGill University.
- 2018 - 2020 **Co-Chair.** Communications and dissemination committee. Natural Resource Science, McGill University
- 2017 - 2018 **Student Chair.** Departmental Ph.D. Seminar Series. Faculty of Environment, University of Waterloo.
- 2016 - 2018 **Graduate Departmental Representative.** Faculty Council. Faculty of Environment, University of Waterloo.
- 2016 - 2018 **PhD Student Representative.** Teaching and Learning Committee. School of Environment, Resources, and Sustainability, University of Waterloo.
- 2016 - 2017 **PhD Student Representative.** Departmental Graduate Committee. School of Environment, Resources, and Sustainability, University of Waterloo.
- 2016 - 2017 **Coordinator.** Graduate Student Endowment Fund. University of Waterloo.
- 2014 - 2015 **Graduate Departmental Representative.** Faculty Council. Faculty of Environment, University of Waterloo.

Conference Committee Leadership

- 2021 **Scientific Committee Member and Communications Coordinator.** Biennial Conference. Canadian Society for Ecological Economics. Victoria, BC/Online.
- 2020 **Communications Coordinator.** Student Academy. Canadian Society for Ecological Economics. Online.
- 2019 **Communications Coordinator.** Biennial Conference. Canadian Society for Ecological Economics. Waterloo, ON.
- 2018 **Organizer.** Liberty in the Anthropocene Symposium. Economics for the Anthropocene, McGill University. Montreal, QC.
- 2018 **Co-Organizer.** Peter Victor Retirement Symposium. Economics for the Anthropocene, York University. Toronto, ON.

- 2018 **Chair.** Student Academy. Canadian Society for Ecological Economics. Waterloo, ON.
- 2017 **Communications Coordinator.** Biennial Conference. Canadian Society for Ecological Economics. Montreal, QC.
- 2016 **Reviewer.** Scientific Committee. Canadian Society for Ecological Economics. Montreal, QC.
- 2016 **Organizer.** (re)Maker Conference. Center for Innovation and International Affairs. Waterloo, ON.
- 2015 **Web and Technical Coordinator.** Annual Conference. International Society for Ecological Economics. Washington, DC.
- 2015 **Web and Technical Coordinator.** Biennial Joint Conference. Canadian and United States Societies for Ecological Economics. Vancouver, BC.
- 2014 - 2015 **Chair and Coordinator.** Faculty Festival Committee. Faculty of Environment, University of Waterloo. Waterloo, ON.

Student Mentorship

- 2020 - **PhD Committee Member & Adjunct Assistant Professor.** Craft and Socio-Ecological Resilience. Jim Jones, University of Waterloo.
- 2018 **Mentor.** The Next 50 Years Student Symposium. Canadian Society for Ecological Economics.
- 2014 - 2018 **Mentor.** New Graduate Student Support and Training. University of Waterloo.

Editorial

- 2020 - **Editor-in-Chief.** Challenges in Sustainability.
- 2020 - **Reviewer.** Sustainability.
- 2018 - **Reviewer.** Mitacs Accelerate Grant – Citizen production streams.
- 2014 - **Reviewer.** Systems Practice and Action Research.
- 2018 - 2020 **Co-Guest Editor.** A Research Agenda for Ecological Economics. Journal of Ecological Economics.
- 2018 - 2020 **Co-Guest Editor.** The Next 30 Years of Ecological Economics. Sustainability.
- 2016 - 2018 **Guest Editor.** Ecological Economics Special Issue. Alternatives Journal.
- 2016 - 2018 **Publishing Associate.** Alternatives Journal.

ACADEMIC ASSOCIATIONS

Leadership

- 2019 - **Communications Officer.** Canadian Society for Ecological Economics.
- 2015 - 2019 **Vice-President Communications.** Canadian Society for Ecological Economics.
- 2017 - 2018 **Membership Coordinator.** Environmental Studies Association of Canada.

Membership

- 2017 - International Association for Feminist Economics (IAFFE)
- 2017 - International Society for Ecological Economics (ISEE)
- 2014- International Society for Systems Science (ISSS)
- 2014 - Canadian Society for Ecological Economics (CANSEE)
- 2013 - Environmental Studies Association of Canada (ESAC)

VOLUNTEER WORK

- 2018 - 2019 **Board of Directors.** C.P.E. Du Campus, McGill University.
- 2017 - **Volunteer Science Teacher.** Wellington Hall Academy.

2007 - 2009 **Coordinator.** Women's LGBTQ Collective, University of Victoria.

LANGUAGES

English – reading, speaking, writing fluent

Mandarin – introductory conversational speech and limited reading, and writing

French – can read with dictionary

EVENTS IMPACTING EXPERIENCE

Mar 2019 - Jan 2020 **Maternity Leave**

Mar 2016 - Mar 2017 **Maternity Leave**