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## Education

Ph.D., Harvard University, Economics	1995
A.M., Harvard University, Economics	1995
B.Sc. honours (first class), University of Canterbury, Economics	1987

## Professional Positions

Chief Economist, Environmental Defense Fund	Feb. 2019–
Affiliate, Motu Economic and Public Policy Research	2019–
Senior Fellow, Motu Economic and Public Policy Research, New Zealand	1998–2019
Principal Investigator, Te Punaha Matatini Centre of Research Excellence	2015–2019
Adjunct Professor of Public Policy, Victoria University of Wellington	2015–2018
Visiting Professor, Economics, University of the Andes, Bogotá, Colombia	Jan – May, 2014
Visiting Professor, Economics, Stanford University	June 2009 – June 2010
Senior Research Associate, Program in Energy and Sustainable Development, Stanford University	June 2009 – June 2010
Founding Director, Motu Economic and Public Policy Research Trust	2000–2009
Visiting Scholar, MIT Center for Energy and Environmental Policy and Research and Joint Program on the Science and Policy of Global Change	Jan – August 2001
Visiting Researcher, Resources for the Future, Washington DC	June – Oct. 1998
Research consultant for Center for Clean Air Policy, Washington DC	Sept.1998 – Jan. 2000
Visiting Researcher, Victoria University of Wellington,	Jan. – May 1998
Assistant Professor, Department of Agricultural and Resource Economics, University of Maryland, College Park	August 1995 – August 1998
Analyst on Housing and Social Policy, the New Zealand Treasury	1988 – 1990

## Awards and Membership of Boards and Trusts

Climate Econometrics Advisory Board	2019–
Committee Member, Interim Climate Change Committee	2018–2019

Member, Air New Zealand Sustainability Panel	2017– present
President, Australasian Agricultural and Resource Economics Society	2018
Editorial Board, Review of Environmental Economics and Policy	2016– present
Strategic Advisory Group for the Conservation and Environment Science Road Map, (Ministry for the Environment and Department of Conservation)	2016
NZIER Economics Award	2010
Member of New Zealand Association of Economists Council	2007–2009
Founding Trustee, Hikurangi Foundation (now Akina)	2007–2013
Founding Trustee, Motu Research and Education Foundation	2007–2009
Member of government convened Climate Change Leadership Forum	2007–2008
Member of He Waka Tangata, Social Science Leadership group	2007–2009
Member of Scientific Steering Committees	
International Geosphere/Biosphere Programme, Analysis, Integration and Modeling of the Earth System	March 2005–2009
International Human Dimensions Project, Global Land Project	December 2005–2007
Member of European Environment Agency and Directorate General for Environment of the European Commission ‘High-level network of leading economists’	From May 2004
Member of inaugural advisory board for the Victoria University Centre for Marine Environmental and Economic Research	2004–2005

## Publications and Research

### Journal Articles

- Dorner, Zack and Suzi Kerr. 2017 '[Implications of global emission policy scenarios for domestic agriculture: A New Zealand case study](#)' *Climate Policy* Volume 17 - Issue 8
- Grafton, Quentin and Suzi Kerr. 2016 '[Comment: Future directions for Australasian environmental economics](#)' *Australian Journal of Agricultural and Resource Economics* Vol. 60, Issue 4,
- Jaffe, Adam B., and Suzi Kerr. 2015. "[The Science, Economics and Politics of Global Climate Change](#)," review of *The Climate Casino* by W. Nordhaus, *Journal of Economic Literature*. Vol. 53, Issue 1, March
- Kerr, Suzi and Vicki Duscha. 2014. '[Going to the source: using an upstream point of regulation for energy in a national chinese emissions trading system](#)' *Energy and Environment* Volume 25, Issue 3-4, April 2014 pp. 593-611

- Anastasiadis, Simon, Suzi Kerr Marie-Laure Nauleau, Tim Cox, and Kit Rutherford. 2014. '[Does complex hydrology require complex water quality policy?](#)' *Australian Journal of Agricultural and Resource Economics* Volume 58, Issue 1, pages 130–145, January
- Funk, Jason, Chris Field, Adam Daigneault and Suzi Kerr. 2014. '[Modeling the impact of carbon farming on land use in a New Zealand landscape](#)' *Environmental Science and Policy* Volume 37, March, Pages 1–10
- Van Benthem, Arthur and Suzi Kerr. 2013. '[Scale and Transfers in International Emissions Offset Programs](#)' *Journal of Public Economics* Volume 107, November, pp. 31-46
- Cox, Timothy J., Suzi C. Kerr, J. C. Rutherford, Duncan C. Smeaton, Chris. C. Palliser. 2013 "[An integrated model for simulating nitrogen trading in an agricultural catchment with complex hydrogeology](#)" *Journal of Environmental Management* (2013), pp. 268-277
- Kerr, Suzi C. 2013. "[The Economics of International Policy Agreements to Reduce Emissions from Deforestation and Degradation](#)", *Review of Environmental Economics and Policy* 7:1, pp. 47–66.
- Kerr, Suzi and Adam Millard-Ball 2012. "[Cooperation to reduce developing country emissions.](#)" *Climate Change Economics* Vol. 3, No. 4
- Kerr, Suzi; Anastasiadis, Simon; Olssen, Alex; Power, William; Timar, Levente; Zhang, Wei. 2012. "[Spatial and Temporal Responses to an Emissions Trading Scheme Covering Agriculture and Forestry: Simulation Results from New Zealand.](#)" *Forests* 3, no. 4: 1133-1156.
- McDonald, Hugh, and Suzi Kerr. 2012. "[Why do New Zealanders Care about Agricultural Emissions?](#)" *Policy Quarterly*, 8(2), Wellington.
- Lundquist, Carolyn J., Doug Ramsay, Rob Bell, Andrew Swales and Suzi Kerr '[Predicted impacts of climate change on New Zealand's biodiversity](#)'. 2011. *Pacific Conservation Biology* Vol 17: 179-191. Surrey Beatty & Sons, Sydney
- Betz, Regina, Stefan Seifert, Peter Cramton and Suzi Kerr. 2010. "[Auctioning Greenhouse Gas Emissions Permits in Australia](#)," *Australian Journal of Agricultural and Resource Economics* Special Issue: Climate Change Volume 54, Issue 2, pages 219–238, April
- Lock, Kelly and Suzi Kerr (2009) '[Nutrient Trading in Lake Rotorua: Overview of a Prototype System](#)' *Resource Management Theory and Practice*
- Kerr, Suzi and Andrew Sweet (2008) '[Inclusion of Agriculture in a Domestic Emissions Trading Scheme: New Zealand's Experience to Date](#)' *Farm Policy Journal* 5(4), November
- Funk, Jason and Suzi Kerr (2007) '[Restoring forests through carbon farming on Maori land in New Zealand/Aotearoa](#)' *Mountain Research and Development* 27 (3) August
- Pfaff, Alexander, Suzi Kerr, Leslie Lipper, Romina Cavatassi, Benjamin Davis, Joanna Hendy, G. Arturo Sanchez-Azofeifa, (2007) '[Will buying tropical forest carbon benefit the poor? Evidence from Costa Rica](#)' *Land Use Policy* 24 600–610
- Grimes, Arthur, Suzi Kerr, Andrew Aitken and Robert Sourell (2006) "[The Housing Fulcrum: Balancing Economic and Social Factors in Housing Research and Policy](#)" *Kotuitui*, New Zealand

- McLuskey, William, Andrew Aitken, Arthur Grimes, Suzi Kerr & Jason Timmins (2006) "[Rating Systems in New Zealand: An Empirical Investigation into Local Choice](#)", *Journal of Real Estate Literature* 14(3)
- Newell, Richard G., James N. Sanchirico, and Suzi Kerr (2005) "[Fishing Quota Markets](#)" *Journal of Environmental Economics and Management* Vol. 49 pp. 437-462
- Kerr, Suzi (2004) "Efficient contracts for carbon credits from reforestation projects" *New Zealand Science Review* 61(1) 2004
- Kerr, Suzi (2003) "Motu, Excellence in Economic Research and the challenges of 'Human Dimensions' research" Science and Technology Policy edition of *Science Review*, the Journal of the New Zealand Association of Scientists Vol. 60 (2-3)
- Kerr, Suzi, Shuguang Liu, Alex Pfaff and R. Flint Hughes (2003) "Carbon dynamics and land-use choices: building a regional-scale multidisciplinary model" *Journal of Environmental Management* Volume 69, Issue 1, September 2003, Pages 25-37
- Kerr, Suzi and Richard G. Newell, (2003) "Policy-Induced Technology Adoption: Evidence from the U.S Lead Phasedown" *Journal of Industrial Economics*. Vol. LI, No. 3
- Cramton, Peter and Suzi Kerr (2002) "Tradeable carbon permit auctions: How and why to auction not grandfather" *Energy Policy* 30 pp: 333-345
- Pfaff, Alexander S.P., Suzi Kerr, R. Flint Hughes, Shuguang Liu, G. Arturo Sanchez-Azofeifa, David Schimel, Joseph Tosi and Vicente Watson (2000) "The Kyoto Protocol & Payments for Tropical Forest: An Interdisciplinary Method for Estimating Carbon-Offset Supply and Increasing the Feasibility of a Carbon Market under the CDM" *Ecological Economics* 35(2):203-221
- Fischer, Carolyn, Suzi Kerr and Michael Toman (1998) "Using Emissions Trading to Regulate US Greenhouse Gas Emissions: An Overview of Policy Design and Implementation Issues" *National Tax Journal* LI No. 3 September

### Books and Monographs

- World Bank Partnership for Market Readiness; International Carbon Action Partnership. 2016. Emissions Trading in Practice: A Handbook on Design and Implementation. World Bank, Washington, DC. Co- led by Suzi Kerr and Ruben Lubowski <https://openknowledge.worldbank.org/handle/10986/23874> License: CC BY 3.0 IGO."
- Global Emissions Trading: Key Issues for Industrialized Countries ed. Suzi Kerr. Edward Elgar: Glos. UK, 2000.
- The Private Residential Rental Market in New Zealand (with John Savage and Stephen Toplis) New Zealand Institute of Economic Research, Research Monograph No. 50, 1989

## Book Chapters and refereed conference proceedings

- Kerr, Suzi, Ruben Lubowski and Robert Heilmayr. 2018 'Climate Teams: A New Model for Investor-Host Climate Cooperation' pp.73-76 in Stavins, Robert N., and Robert C. Stowe, eds. International Cooperation in East Asia to Address Climate Change. Cambridge, Mass.: Harvard Project on Climate Agreements, February <https://www.belfercenter.org/publication/international-cooperation-east-asia-address-climate-change>. Brief released at 2017 Bonn Conference of Parties
- Haberl, Helmut, Cheikh Mbow, Xiangzheng Deng, Elena G. Irwin, Suzi Kerr, Tobias Kuemmerle, Ole Mertz, Patrick Meyfroidt, and B.L. Turner. 2014. "Finite Land Resources and Competition." In Rethinking Global Land Use in an Urban Era, edited by Karen C. Seto and Anette Reenberg, 35–69. Strüngmann Forum Reports 14, edited by J. Lupp. Cambridge, MA: MIT Press.
- OECD. 2013., Water Security for Better Lives, OECD Studies on Water, OECD Publishing. Contributor to Chaps 3&4. <http://dx.doi.org/10.1787/9789264202405>
- Kerr, Suzi and Zack Dorner. 2013. "Tackling agricultural emissions: Potential leadership from a small country" in Korea Legislation Research Institute edited Climate Change and Green Growth: Achievements and Prospects Seoul, Korea.
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- Kerr, Suzi and Marianna Kennedy. 2009. 'Greenhouse gases and Nutrients: The Interactions Between Concurrent New Zealand Trading Systems' in Productivity Commission eds. Promoting Better Environmental Outcomes, Roundtable Proceedings, Australian Productivity Commission, Melbourne
- Pfaff A., S. Kerr, R. Cavatassi, B. Davis, L. Lipper, A. Sanchez and J. Timmins. (2008) 'Effects of Poverty on Deforestation: distinguishing behavior from location' in Economics of poverty, the environment and natural resource use. Eds Rob B. Dellink and Arjan Ruijs, Wageningen University, Environmental Economics and Natural Resources Group
- Kerr, Suzi, Richard G. Newell, and James N. Sanchirico (2004) "Evaluating the New Zealand Individual Transferable Quota Market for Fisheries Management" in Tradeable Permits: policy evaluation, design and reform ed. OECD, Paris. Paper prepared for OECD workshop Ex post evaluation of tradable permit regimes, Paris, January 2003; Motu Working paper 03-02
- Kerr, Suzi and Catherine Leining (2004) "Joint implementation in climate change policy" in Tom Tietenberg and Henk Folmer eds. The International Yearbook of Environmental and Resource Economics 2003/04; Motu Working Paper 03-04
- Kerr, Suzi and Matthew Kahn (2002) "The Causes and Consequences of Air Pollution in Santiago" in Edward L. Glaeser and John R. Meyer Chile: Political Economy of Urban Development Harvard Studies in International Development, John F. Kennedy School of Government, Harvard University

- Straker, G., Kerr, S., Hendy, J. (2002) "A Regulatory History of New Zealand's Quota Management System: setting targets, defining and allocating quota" Papers and Proceedings of the IIFET Conference 2002.
- Newell, Richard G., James N. Sanchirico, and Suzi Kerr (2002) 'An Empirical Analysis of New Zealand's ITQ Markets' Papers and Proceedings of the IIFET Conference 2002.
- Leining, Catherine and Suzi Kerr (2001) "Deciding the Eligibility of Land Use, Land-Use Change and Forestry Projects under the CDM: Negotiation Issues Post COP6" in Raymond Saner, Sergio Jauregui, Lichia Yiu eds. Bolivian Environmental Conflict Management Cases and CC + CDM Sectoral Preparations for Kyoto Protocol Negotiations [www.motu.org.nz/climate.htm](http://www.motu.org.nz/climate.htm)
- Kerr, Suzi C. (2001) "Enforcing Compliance: the Allocation of Liability in International GHG Emissions Trading and the Clean Development Mechanism" in Michael A. Toman, Editor, Climate Change Economics and Policy: An RFF Anthology, RFF, Washington DC
- Fischer, Carolyn, Suzi Kerr, and Michael A. Toman, (2001)"Using Emissions Trading to Regulate National Greenhouse Gas Emissions", in Michael A. Toman, Editor, Climate Change Economics and Policy: An RFF Anthology, RFF, Washington DC
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- Kerr, Suzi, Alex Pfaff, Arturo Sanchez and Marco Boscolo (2001) "How Can Carbon Sequestration in Tropical Forests be Rewarded? Evidence from Costa Rica" in Theodore Panayotou ed. Environment for Growth: Environmental Management for Sustainability and Competitiveness in Central America. Harvard Studies in International Development, Harvard University Press pp. 371 – 408 (previous version was Development Discussion Paper # 675 Harvard Institute of International Development)
- Kerr, Suzi, (2000) "Introduction: Trading Toward a Stable Climate" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)
- Kerr, Suzi, (2000) "Fair Competition and Annex I Trading" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)
- Kerr, Suzi, (2000) "Additional Compliance Issues Arising from Trading" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)
- Kerr, Suzi, (2000) "An International Tracking System for Greenhouse Gas Trading" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)
- Kerr, Suzi (2000) "Market Power and Annex I Trading" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)
- Hargrave, Tim, Suzi Kerr, Ned Helme, and Tim Denne (2000) "Treaty Compliance as background for an effective trading program" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)

Kerr, Suzi (2000) "Domestic Greenhouse Regulation and International Emissions Trading" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)

Kerr, Suzi, (2000) "The Way Forward? Design Principles for Annex B Trading" in Suzi Kerr ed. Global Emissions Trading: Key Issues for Industrialized Countries (Edward Elgar Publishing Inc. Glos. United Kingdom)

Cramton, Peter and Suzi Kerr (1999) "The Distributional Effects of Carbon Regulation: Why auctioned carbon permits are attractive and feasible" The Market and the Environment ed. Thomas Sterner in International Studies in Environmental Policy Making Series (Edward Elgar Publishing: Glos, UK)

Kerr, Suzi, Alex Pfaff, Arturo Sanchez, David Schimel, Joseph Tosi and Vicente Watson "The Clean Development Mechanism, Tropical Carbon Sinks and Biodiversity: An economics/ecology model for predicting policy effects and evaluating policy options" Papers and Proceedings of the 1998 Global Biodiversity Forum, Buenos Aires

Kerr, Suzi C. "The Operation of Tradeable Rights Markets: Empirical Evidence from the United States Lead Phasedown" Papers and Proceedings of the Air and Waste Management Association meeting "New Partnerships: Economic Incentives for Environmental Management" November 3-4 1993, Rochester, New York.

Kerr, S. C. "Relative Poverty and Welfare Distribution" in The Welfare State: Foundations and Alternatives ed. Michael James (The Centre for Independent Studies: 1989)

#### Reports, Working Papers and external blog posts

Kerr, Suzi, Juan-Pablo Montero, Ruben Lubowski, Angela Cadena, Mario Londoño, Adriana Cavallo, Lisa Lafferty, Soffia Alarcon, Oscar Rodriguez, Angela Solanilla, Guillermo Rudas, Luis Ignacio Betancur, Luis Fernando Macías, David Marín, Mauricio Palma, Camila Aguilar and José Farfán 'Designing a prototype emissions trading system for Colombia' Report for the World Bank Partnership for Market Readiness and Colombian Ministry for Environment and Sustainable Development. Not yet publicly released.

New Zealand Interim Climate Change Committee. 2019. 'Accelerated Electrification: Evidence, analysis and recommendations' New Zealand Interim Climate Change Committee. 30 April. HYPERLINK "<https://www.iccc.mfe.govt.nz/what-we-do/energy/electricity-inquiry-final-report/>"

New Zealand Interim Climate Change Committee. 2019. 'Action on agricultural emissions: Evidence, analysis and recommendations' and Agriculture inquiry - Technical appendices: Defining the entity for the point of obligation; Calculating agricultural emissions; Analysis of regulatory options against criteria; Achieving differentiated (split-gas) 2050 emission targets; Free allocation for agriculture; International context and the risk of emissions leakage; and Counting carbon sequestration by trees and vegetation on farms. New Zealand Interim Climate Change Committee. 30 April. HYPERLINK "<https://www.iccc.mfe.govt.nz/what-we-do/agriculture/agriculture-inquiry-final-report/>"

- Catherine and Suzi Kerr. 2019 "Outfitting the NZ ETS in Post-Paris Style: "Top Ten" list for 2019" Motu Note #34 - May 2019 Motu Economic and Public Policy Research. Wellington, New Zealand.
- Leining, Catherine and Suzi Kerr. 2019 "Managing Scarcity and Ambition in the NZ ETS" Motu Working Paper 19-07, Motu Economic and Public Policy Research. Wellington, New Zealand.
- Leining, Catherine and Suzi Kerr. 2019 "Uncertainty, Risk and Investment and the NZ ETS" Motu Working Paper 19-08 Motu Economic and Public Policy Research. Wellington, New Zealand.
- Leining, Catherine and Suzi Kerr. 2019 Paying for Mitigation: How New Zealand Can Contribute to Others' Efforts Motu Working Paper 19-09 Motu Economic and Public Policy Research. Wellington, New Zealand.
- Hale, Sophie and Suzi Kerr. 2019 "Contracts for native forest carbon: perspectives from large-scale emitters" Motu Note #33 – March 2019 Motu Economic and Public Policy Research. Wellington, New Zealand.
- Dorner, Zack Utkur Djanibekov, Tarek Soliman, Adolf Stroombergen, Suzi Kerr, David A. Fleming, Sandra Cortes-Acosta, and Suzie Greenhalgh. 2018 "Land-use Change as a Mitigation Option for Climate Change" Report to the Biological Emissions Reference Group (Project No. 18398), December. Motu Economic and Public Policy Research. Wellington, New Zealand.
- Hendy, Jo, Suzi Kerr, Angela Halliday, Sally Owen, Anne-Gaelle Ausseil, Rob Burton, Kenny Bell, Neil Deans, Blair Dickie, James Hale, Sophie Hale, Wageed Kamish, Jane Kitson, Brett Mullan, Suzanne Rosier, Rata Rodgers, Belinda Storey, Christian Zammit. 2018 "Drought and climate change adaptation: impacts and projections" Motu Note #31 Motu Economic and Public Policy Research Wellington, New Zealand.
- Leining, Catherine, Suzi Kerr and Niven Winchester. 2018 "Improvements to the New Zealand Emissions Trading Scheme: Submission to the Ministry for the Environment" <https://motu.nz/our-work/environment-and-resources/emission-mitigation/emissions-trading/improvements-to-the-new-zealand-emissions-trading-scheme-submission-to-the-ministry-for-the-environment/>
- Leining, Catherine and Suzi Kerr. 2018 "Guide to the New Zealand Emissions Trading Scheme" Report for the Ministry for the Environment, <https://motu.nz/our-work/environment-and-resources/emission-mitigation/emissions-trading/guide-to-the-new-zealand-emissions-trading-scheme/>
- Leining, Catherine and Suzi Kerr. 2018 "A new approach to emissions trading in a post-Paris climate" <https://theconversation.com/a-new-approach-to-emissions-trading-in-a-post-paris-climate-78746>
- Kerr, Suzi, Steffen Lippert and Edmund Lou. 2018. "Transfers, self-enforcing agreements and climate cooperation." Coalition Theory Network, From Theory to Application, CTN. <https://www.coalitiontheory.net/content/transfers-self-enforcing-agreements-and-climate-cooperation>
- White, Dominic, Niven Winchester, Martin Atkins, John Ballingall, Simon Coates, Ferran de Miguel Mercader, Suzie Greenhalgh, Andrew Kerr, Suzi Kerr, Jonathan Leaver, Catherine Leining, Juan Monge, James Neale, Andrew Philpott, Vincent Smart, Adolf Stroombergen, and Kiti Suomalainen. 2018 "Energy- and multisector modelling of climate change mitigation in New Zealand: current



practice and future needs” Motu Working Paper 18-15 Motu Economic and Public Policy Research Wellington, New Zealand.

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Storey, Belinda, Ilan Noy, Sally Owen, Wilbur Townsend, Suzi Kerr, Rhian Salmon, David Middleton, Olga Filippova and Vanessa James ‘Insurance, housing and climate adaptation: current knowledge and future research’ Motu Note #27, 2017 Motu Economic and Public Policy Research. Wellington, New Zealand.

Carver, Tom, Patrick Dawson and Suzi Kerr. 2017. "Including Forestry in an Emissions Trading Scheme: Lessons from New Zealand." Motu Working Paper 17-11. Motu Economic and Public Policy Research. Wellington, New Zealand.

Kerr, Suzi. 2017 ‘A new approach to emissions trading in a post-Paris climate’ [theconversation.com](http://theconversation.com)

Leining, Catherine Judd Ormsby, and Suzi Kerr. 2017 ‘Evolution of the New Zealand Emissions Trading Scheme: Linking’ Motu Working Paper 17-06

Catherine Leining, Corey Allan and Suzi Kerr. ‘Evolution of the New Zealand Emissions Trading Scheme: Sectoral Coverage and Point of Obligation’ Motu Working Paper 17-05

Kerr, Suzi Catherine Leining, Joanna Silver, Phil Brown, Nigel Brunel, Sandra Cortés-Acosta, Stuart Frazer, Adrian Macey, Guy Salmon, Paul Young. 2017 ‘An Effective NZ ETS: Clear Price Signals to Guide Low-Emission Investment’ Motu Note #28 [www.motu.org.nz](http://www.motu.org.nz)

Carver, Tom and Suzi Kerr. 2017 ‘Facilitating Carbon Offsets from Native Forests’ Motu Working Paper 17-01

Kerr, Suzi 2017 ‘Researchers are from Mars, policymakers are from Venus: How can we bridge the divide?’ [www.policyforum.net](http://www.policyforum.net)

Shepherd, Mark, Adam Daigneault, Brent Clothier, Brian Devantier, Sandy Elliott, Suzie Greenhalgh, Duncan Harrison, Barbara Hock, Suzi Kerr, Edmund Lou, Gina Lucci, Alec Mackay, Ross Monaghan, Karin Müller, Leah Murphy, Tim Payn, Levente Timar, Ronaldo Vibart, Sanjay Wadhwa, and Steve Wakelin. 2017. “New Zealand’s Freshwater Reforms: What Are the Potential Impacts on Greenhouse Gas Emissions? A Synthesis of Results from Two Independent Studies.” MPI Technical Paper No: 2017/21 Ministry for Primary Industries and Motu Note #26 Wellington New Zealand.

- Daigneault, Adam, Sandy Elliot, Suzie Greenhalgh, Suzi Kerr, Edmund Lou, Leah Murphy, Levente Timar, and Sanjay Wadhwa. 2016. "Modelling the Potential Impact of New Zealand's Freshwater Reforms on Land-Based Greenhouse Gas Emissions." MPI Technical Paper No: 2017/2X Ministry for Primary Industries and Motu Working Paper 17-10 Wellington New Zealand.
- Kerr, Suzi. (2016) 'Agricultural emissions mitigation in New Zealand: Answers to questions from the Parliamentary Commissioner for the Environment' Motu Working Paper 16\_16
- Hollis, Michele Cecile de Klein, Dave Frame, Mike Harvey, Martin Manning, Andy Reisinger, Suzi Kerr, Anna Robinson. (2016) 'Cows, sheep and science: consensus and divergence on the science of agricultural non-CO2 emissions' Motu Working paper 16\_17
- Royal Society of New Zealand. 2016 'Transition to a low-carbon economy for New Zealand' by expert panel, Ralph Sims, Barry Barton, Paul Bennett, Nigel Isaacs, Suzi Kerr, Jonathan Leaver, Andy Reisinger, and Janet Stephenson and special contributors James Higham and Euan Mason, April <http://www.royalsociety.org.nz/media/2016/05/Report-Transition-to-Low-Carbon-Economy-for-NZ.pdf>
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- Allan, Corey, Suzi Kerr, and Campbell Will. 2015. Are we turning a brighter shade of green? The relationship between household characteristics and greenhouse gas emissions from consumption in New Zealand Corey Motu Working Paper 15-06 Motu Economic and Public Policy Research
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- Dorner, Zack and Suzi Kerr. 2015. Methane and Metrics: From global climate policy to the NZ farm' Motu Working Paper 15-11, August
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- Duhon, Madeline, Hugh McDonald and Suzi Kerr. 2015. 'Nitrogen Trading in Lake Taupo: An Analysis and Evaluation of an Innovative Water Management Policy' Motu Working Paper 15-07, June
- Ormsby, Judd and Suzi Kerr. 2015. 'A Few Lessons for Climate Change Action from the Literature on Cooperation and Behavioural Economics' Motu Note #17 Motu Economic and Public Policy Research
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- Anastasiadis, Simon, Suzi Kerr, Wei Zhang, Corey Allan and William Power. 2014. "Land Use in Rural New Zealand: Spatial Land Use, Land-use Change, and Model Validation", Motu Working Paper 14-07, Motu Economic and Public Policy Research, Wellington.
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Kerr, Suzi C. and David Maré (1998) "Transaction Costs and Tradable Permit Markets: The United States Lead Phasedown" Manuscript, Motu Economic Research, New Zealand

Kerr, Suzi (1995) "Adverse Selection and Participation in International Environmental Agreements" Manuscript now available at [www.motu.org.nz/climate.htm](http://www.motu.org.nz/climate.htm)

Kerr, Suzi C. (1995) "Markets versus International Funds for Implementing International Environmental Agreements: Ozone Depletion and the Montreal Protocol" Working Paper No. 95-12, Center for International Affairs, Harvard University

Kerr, S. C. "Promotion of Women in the Department of Trade and Industry: A Statistical Study" Working Paper No. 6 Economics Directorate, Department of Trade and Industry 1987

## Recent Presentations

2019

'Comments on modelling for climate adaptation (Fisher-Vanden) and transparency of ambition (Aldy)'. Harvard Environmental Economics Program Workshop. Cambridge, September

'End-of-Day Recap and Reflections' University Energy Institute Leadership Summit, Pittsburg, September

'Challenges with global climate stabilization: the role of international transfers' Sustainable Development Program, Columbia University, 16 Sept 2019

'Incluyendo Emisiones Fugitivas y Residuos en ETS' Comité Técnico, Colombian Government and Partnership for Market Readiness, Bogotá 4 September

‘Challenges with global climate stabilization: the role of international transfers’ Cambio Climático en Chile: Lecciones Aprendidas y Desafíos Urgentes en Adaptación y Mitigación. Universario 10 Anos – Centro de Cambio Global, Universidad Católica. Santiago. 19 August

‘Climate Teams: A mechanism to ‘breathe life’ into Article 6.2 and support more ambitious global action.’

Taller de implementación de mecanismos de Mercado del Acuerdo de París. Centro de Cambio Global, Pontificia Universidad Católica, with Ministry for External Relations, Ministry for Environment and Ministry for Energy, 20 August

Asia Pacific Carbon Markets Roundtable, 30 May

EDF Office of the Chief Economist Internal Seminar Series, June

‘Using economics to find the ways that work’

EDF ‘On the Menu’ 18 June,

Ecosystems Leadership Group, EDF, San Francisco. July

‘A Climate Team with Chile?’ 3 May, 2019 Santiago. Presentation to officials from Ministry for the Environment and Ministry of Energy.

‘Land use change as a mitigation option’ New Zealand Agricultural Climate Change Conference. Palmerston North. 8 April

‘How surrender obligations could best be arranged if agricultural methane and nitrous oxide emissions enter into the NZ ETS’ with Harry Clark [ICCC Cross-Sector Forum](#), Te Papa, Wellington. 13 March

‘Cows, cash and climate: Low stocking rates, high-performing cows, emissions and profitability across New Zealand farms’ No-Cost Mitigation Project Webinar. 25 March

Air New Zealand Sustainability Meeting – presentation for Department of Conservation. 11 March

‘Protection from Full Costs’ [ICCC Rural Workshops](#), Hamilton, Palmerston North and Whangarei, February.

‘Economists and leadership toward low-emission societies’ Australasian Agricultural and Resource Economics Society President’s Address, AARES Conference. 13 February

2018

Emissions trading and land use change in a drive to net zero 2050’ Presentation to Landcorp Board, 6 December 2018

‘Environmental Taxes (Pricing): responses to a strong report’ The Future of Tax. Tax Working Group, 26 and 28th November, Auckland University and Victoria University

‘Climate Teams: A mechanism to ‘breathe life’ into Article 6.2 and support more ambitious global action.’ Korean Forest Service, Seoul. November 2

'Influencing environmental policy through economics: from New Zealand to the US' EDF, New York.  
September

'Transitioning, Fast and Slow: steady progress to low emissions' President's Address to NZARES 30  
August 2018

'Creating price signals to facilitate reforestation: lessons and potential funding from New Zealand'  
WCERE pre-conference workshop of the Environment for Development Forests Collaborative, 25  
June

Climate Change and Local Government, Wellington 21 June

Z Energy Board Climate Policy briefing and 'Clear price signals in the NZ ETS', Wellington, 20 June

'Creating price signals to facilitate reforestation: lessons and potential funding from New Zealand'  
Carbon Dioxide Removal in the Forest Sector workshop, Environmental Defence Fund, New York, 31  
May

'Creating price signals to facilitate reforestation: lessons and potential funding from New Zealand'  
Centre for International Tropical Agriculture (CIAT), Cali, 23 May

'Creating price signals to facilitate reforestation: lessons from New Zealand' Universidad de Los Andes  
workshop on Climate Teams, Bogotá, Colombia, 25 May

'Climate Teams' Universidad de Los Andes workshop on Climate Teams, Bogotá, Colombia, 25 May

'Climate Policy in New Zealand: 'teams', climate commission and emission pricing' Chilean government,  
Santiago, 14 May

AirNZ New Zealand Climate Policy briefing, Air New Zealand Sustainability Panel, Auckland, 9 March

'Clear price signals in the NZ ETS' Briefings to bankers, Westpac event 26 February

Motu Climate Change Roundtable Workshops: "Low-emission investment and ETS reform" E-Mission  
Possible: Directing Mitigation Policy and Action for Results

'Adaptive emission pricing for the energy transition under deep uncertainty' in Productivity Hub session  
'Financial and technological prerequisites of the energy transition' 13 February

'Including forestry in an ETS: Lessons from New Zealand' in minisymposium: Sustainable Forests:  
Positive and negative incentives and leakage Australasian Association of Agricultural and Resource  
Economics Society Conference, Adelaide 8 February

'Adaptive emission pricing under deep uncertainty' in minisymposium Issues on the frontier of domestic  
emission pricing Australasian Association of Agricultural and Resource Economics Society  
Conference, Adelaide 7 February

'Climate Teams: contracting for ambitious mitigation in developing countries' in pre-conference  
workshop Cooperation for climate mitigation Australasian Association of Agricultural and Resource  
Economics Society Conference, Adelaide 6 February

2017

Climate Change Roundtable “Mitigation in the land sector” 8 December

‘Clear price signals in the NZ ETS’ Briefing to Air New Zealand, 7 December

Climate Change Roundtable Workshop “Decision making under uncertainty” 29 November

‘Clear price signals and cooperation through ‘climate teams’ on the path toward low emissions’ Otago Energy Research Centre 11th Symposium, Otago University, Dunedin, 24 November

‘Clear price signals for a transition to low emissions’ 2017. Environmental Defence Society, Climate Change and Business Conference, Auckland, October 2017

‘Offsetting emissions during the transition to low emissions’ Air New Zealand Sustainability Panel, October 2017

‘Cooperation and emissions price harmonisation without linking: prospects for ‘climate teams’ in East Asia’ Invited presentation. Harvard Project on Climate greements workshop on International Cooperation in East Asia to Address Climate Change, Sept. 2017, Shanghai

Ambitious climate mitigation in Colombia: Climate mitigation in New Zealand and Colombia - Matching resources and opportunities through climate teams

Duke University and Environmental Defence Fund, New York, July, 2017

‘Matching resources and opportunities through climate teams’ Santa Barbara Climate Teams project workshop

Mapa de ruta para el análisis y diseño de un sistema de comercio de emisiones de gases de efecto invernadero en Colombia, Bogotá, World Bank Project – Colombian ETS workshop, July 2017

ETS briefings ‘Clear price signals in the NZ ETS’ x X

‘Clear price signals in the NZ ETS’ Otago University Economics Department, 19 May

‘Cool food: Agricultural emissions reduction and tech opportunities’ GenZero-Disrupting Climate Change TechWeek Christchurch, May, 2017

Emissions Trading: Experience from New Zealand and beyond’ ICAP workshop, Bangkok, Thailand. May

‘Linking: opportunities, dangers and a way forward’ ICAP workshop, Bangkok, Thailand. May

“The role of land-use change: opportunities and barriers” Invited speaker, New Zealand Agricultural Greenhouse Research Centre meeting, Palmerston North, March 2017

“Matching resources and opportunities through climate teams” Brownbag, Victoria University School of Government, March

“If researchers are from Mars and policy makers are from Venus, how can we bridge the divide?” Bridging science, economics and policy silos. Chief Scientists’ Roundtable Monday 6 February 2017, Crawford School of Public Policy, Australian National University, Canberra

## Major Grants (sample)

New Forests, Air New Zealand and Ministry for Primary Industries, 2017 - 2023 'Enabling native reforestation in New Zealand' ~ \$100,000 per year

Aotearoa Foundation and co-funders "Shaping New Zealand's Low Emissions Future" 2013 – 19 ~ \$400,000 per year

Ministry for Primary Industries, 2015-16 'Climate mitigation co-benefits arising from the Freshwater Reforms' \$150,000

New Zealand Agricultural Greenhouse Gas Research Centre – AgResearch 'Barriers to adoption of 'no-cost' mitigation options' Funded by the New Zealand government. 2015 – 2018. \$320,000

World Bank and International Carbon Action Partnership 2014-16 – 'Emissions Trading Handbook' US\$100,000

World Bank, 2011-12, Roadmap for emissions trading in Chile, US\$100,000

New Zealand Foundation for Research Science and Technology (2009 – 2012), 'Coordination and cooperation for effective climate policy design and implementation' \$250,000 per year.

Ministry of Agriculture and Forestry (2008) Secretariat for the Agricultural Technical Advisory for the NZ Emissions Trading system. \$250,000

New Zealand Foundation for Research Science and Technology, (2007 - 2011) "Integrated Economics of Climate Change" \$450,000 per year.

New Zealand Foundation for Research Science and Technology, (2007 - 2009) "Markets and water quality: Integrated assessment for policy design" \$500,000 per year.

Climate Change Policy Dialogue group: Stage 1 Total budget \$100,000 from 5 separate funders; Tindall Foundation, Meridian Energy, Fletcher Building, Morgan Family Charitable Foundation and Foundation for Research Science and Technology

'Nutrient trading study group' (2007-08) funded by Environment Bay of Plenty, Ministry of Agriculture and Forestry and Ministry for the Environment \$140,000

Tindall Foundation (2005-2007) Carbon sequestration on Maori land.

New Zealand Foundation for Research Science and Technology, (2002 - 2007) "Adjustment and Inequality" \$500,000 per year in 2007 and "Land Use, Climate Change and Kyoto: Human Dimensions Research to Guide NZ Policy" \$150,000 per year.

Lincoln Institute of Land Policy (2002) "Land Taxes and Revenue Needs as Communities Grow and Decline: Evidence from New Zealand"

New Zealand Ministry of Fisheries (2002) "To assess the efficiency of the NZ market and identify possible sources of inefficiency by studying quota price formation and market operation." with Jim Sanchirico and Richard Newell.

WWF grant to study Migration and the Environment in Galapagos, (2002).

National Science Foundation: Methods and Models for Integrated Assessment (2000 – 2002) “A Supply Function And CDM Rules For Tropical Forest Carbon Sinks: multi-disciplinary estimation and integrated sensitivity analysis for Costa Rica” (Proposals 9980276 and 9980252)

Resources for the Future (1999 - 2000) “Economic Fishery Conservation through Individual Transferable Quota: Evidence from the New Zealand Experience” with Jim Sanchirico and Richard Newell

US Environmental Protection Agency (1999-2000) “Technology Adoption in response to the Phasedown of Lead in Gasoline”

Tinker Foundation (1998 - 2000) “Achieving Greatest Benefits from Sequestration in Costa Rica: Costa Rican Land-Use Policies In Light Of Global Climate Change” with Alex Pfaff (Columbia University), David Schimel (National Center for Atmospheric Research), Arturo Sanchez (University of Costa Rica), and Joseph Tosi and Vicente Watson (Tropical Science Center, Costa Rica)

Subcontractor to Resources for the Future – Research on International Emissions Trading, June – August 1997

National Center for Ecological Analysis and Synthesis, UC – Santa Barbara, Working group grant for “A Supply Function for Carbon Sequestration in Costa Rica: Multi-Disciplinary Estimation and Integrated Sensitivity Analysis”. May, 1998 – May, 2000 with Alex Pfaff (Columbia University), David Schimel (National Center for Atmospheric Research), Arturo Sanchez (University of Costa Rica), and Joseph Tosi and Vicente Watson (Tropical Science Center, Costa Rica)

Contract for Harvard Institute of International Development to work on Carbon Sequestration in Costa Rica, 1998/99

Subcontractor on US Environmental Protection Agency grant through Resources for the Future to study design issues relating to a domestic carbon permit market for the United States, July - Sept. 1997.

Center for Environmental Research and Conservation, Columbia University: Research Planning Grant 1996/97 to develop a grant proposal on “Economic and ecological tradeoffs in the definition of tradeable carbon sequestration permits”

### Peer Review

Regular peer reviewer including: Review of Environmental Economics and Policy – Editorial Board, Ecological Applications – Subject Matter Editor, Kotuitui: New Zealand Journal of Social Sciences Online, Energy Policy, Addison-Wesley Longman, Inc., Cambridge University Press, Economic Letters, Elsevier Science Publishers (North-Holland), Environment and Development Economics, Intergovernmental Panel on Climate Change, Journal of Environmental Economics and Management, Journal of Public Economics, National Science Foundation, Contemporary Economic Policy, Climatic Change, Environmental Conservation, Papers in Regional Science, Climate Policy

### Languages

Spanish (conversational)