

Catherine R. Leining

OVERVIEW Climate change policy expert with over 30 years of experience delivering innovation in policy design, evaluation, leadership, and engagement in Aotearoa New Zealand and overseas.

SKILLS

Policy innovation: Development of government climate change policies, including emissions trading and national, subnational, and sectoral mitigation strategies.

Negotiation: Negotiations under the United Nations Framework Convention on Climate Change (UNFCCC) and between government and large industries.

Engagement: Strong technical and policy writing, public speaking, dialogue facilitation, and diplomatic skills with expertise in cross-sector consultation and engagement.

Management: Organisational governance, project development, team management, fundraising, contract/grant management, and conference organising.

Languages: Native English speaker and conversational skills in French.

WORK EXPERIENCE

Motu Economic and Public Policy Research (Wellington)
05/2012 – 12/2012 and 11/2013 – present. Policy Fellow/Research Analyst.

- Leading the programme “Shaping New Zealand’s Low-Emission Future” with research and stakeholder dialogue. Co-developed a groundbreaking proposal for reforming the New Zealand Emissions Trading Scheme (NZ ETS). Co-authored multiple research papers and guides on the NZ ETS. Played a central role in Motu’s dialogues on a low-emission future, ETS reform, economic modelling of climate change policies, voluntary mitigation, just transition issues, and international climate cooperation.
- Co-led a team of over 25 researchers and practitioners in developing a just transitions guide for communities in Aotearoa New Zealand.
- Co-authored a global handbook on emissions trading for the World Bank Partnership for Market Readiness (PMR) and International Carbon Action Partnership, and a roadmap for emissions trading in Chile for the PMR.
- Worked with Irish agriculture experts to develop a comparative briefing on mitigating livestock greenhouse gas emissions in New Zealand and Ireland.
- Organised successful multi-sector engagement activities to build understanding of climate change policy challenges and solutions.
- Conducted national surveys of climate change engagement activity and New Zealanders’ climate change actions and beliefs.
- Engaged with government officials, Crown entities, businesses, and environmental NGOs to help inform their climate change policy positions.
- Supported public education on climate change through frequent participation in conferences, articles in traditional and social media, and academic lectures.

Taskforce on Net Zero Policy (United Nations initiative)
05/2024 – present. Member of the Taskforce Expert Group.

- Providing research and technical support on net zero policy and regulation implementation and effectiveness.
- Identifying opportunities within regulatory frameworks that support the implementation of recommendations from the UN Secretary-General’s High-Level Expert Group on the Net Zero Emissions Commitments of Non-State Entities (HLEG).

Silver Lining Global Solutions (Wellington)

11/2010 – present. Sole-proprietor climate change consultant.

- For Toha, provided advice on climate change policy issues.
- For GLOBE-NZ (cross-party Members of Parliament), conducted research and engagement for a study by Vivid Economics on New Zealand's low-emission pathways and authored a paper on improving emission pricing in New Zealand.
- For the Center for Clean Air Policy, researched Nationally Appropriate Mitigation Actions in Asia.

He Pou a Rangi Climate Change Commission (Wellington)

12/2019 – 12/2024t. Commissioner.

- Performed governance functions during the establishment of the Commission as a new independent Crown entity.
- Served on the Board's Risk, Audit, Safety and Health Committee.
- Provided thought leadership and expertise to help develop independent expert advice to the government on climate change mitigation and adaptation issues.
- Participated in broad engagement, consultation, and partnership activities.

Wellington City Council (Wellington)

08/2012 – 11/2013. Principal Programme Advisor, Policy (fixed term).

- Helped develop the Council's Our Living City sustainability programme.
- Led development of Wellington City's 2013-2015 Climate Change Action Plan and a greenhouse gas inventory for the Greater Wellington Region.

New Zealand Ministry of Foreign Affairs and Trade (Wellington)

06/2011 – 12/2011. Senior Policy Officer (fixed term).

- Advanced New Zealand's domestic and international climate change policy and contributed to the Global Research Alliance on Agricultural Greenhouse Gases.

New Zealand Transport Agency (Wellington)

11/2010 – 06/2011. Principal Advisor (contract).

- Assisted with restructuring the Public Transport Effectiveness Action Plan and preparing a public transport framework for New Zealand.

New Zealand Ministry for the Environment (Wellington)

09/2003 – 06/2010. Senior Analyst/Senior Operator. Secondment to the Emissions Trading Group at The Treasury (04/2007 – 10/2008).

- Led negotiation of the Kyoto Protocol's market mechanisms in the New Zealand delegation to the UNFCCC negotiations (12/2008 – 12/2009).
- Helped design the policy and legislation for the NZ ETS. Was a core member of the Emissions Trading Group, managed preparation of the government's consultation document, advised the select committee, and contributed to the departmental report.
- Led preparation of the government's consultation document and engagement on post-2012 measures on climate change mitigation.
- Assisted with New Zealand's national communications to the UNFCCC.
- Led Negotiated Greenhouse Agreements with multiple major-emitting industries, including the only one completed under the formal policy.

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Center for Clean Air Policy (CCAP) (Washington, DC)

07/1999 – 08/2003. Senior Policy Analyst and Manager of the Economies in Transition Program.

- Managed an International Dialogue on the Clean Development Mechanism and the first stage of the Future Actions Dialogue to support UNFCCC negotiators.
- Managed a team building domestic capacity on GHG emissions trading and Joint Implementation in Eastern European countries.
- Co-managed a State Roundtable on Global Climate Change to build momentum for leadership by state government.
- Advised two states on their climate change mitigation action plans.

ICF International (formerly ICF Incorporated) (Washington, DC)

08/1995 – 07/1999. Associate/Analyst.

- Evaluated international GHG mitigation projects for the US Initiative on Joint Implementation.
- Helped prepare the US GHG inventory and co-authored GHG accounting guidelines for USEPA and the World Bank.
- Reviewed GHG inventory/mitigation reports for developing countries.
- Evaluated state government response strategies to accelerated sea level rise.
- Analysed environmental technology markets for USEPA and USDOE.

International City/County Management Association (Washington, DC)

10/1993 – 08/1995. Assistant Project Manager/Research Assistant.

- Educated local governments on pollution prevention, watershed management, and environmental justice.

OTHER ROLES **New Zealand Centre for Global Studies**

11/2019 – 11/2022. Member of the Board of Trustees.

EDUCATION **Duke University** (Durham, NC)

- BS, biology and French, *cum laude* with distinction in biology, 1993.
- Recipient of the merit-based Angier B. Duke Memorial Scholarship.
- Semester programs at the Duke University Marine Laboratory, Oxford University, and the Université de Paris I, VII.

Other Professional Training

- Team management, policy leadership, negotiation, machinery of government, speech writing, influencing skills, media interviews, and meeting facilitation.

PERSONAL

- Trained as a Climate Leader under Al Gore's Climate Reality Project.
- Certified as a Forest Therapy Guide by the Association of Nature and Forest Therapy.
- Opera singer.
- Walked 472 km of the Camino in Spain in 2013.

PUBLICATIONS

He Pou a Rangi Climate Change Commission Advice Reports and Submissions

2024

“Advice on the Fourth Emissions Budget.”

“Monitoring Report: Emissions Reduction. Assessing Progress Towards Meeting Aotearoa New Zealand’s Emissions Budgets and the 2050 Target.”

“NZ ETS Unit Limits and Price Control Settings for 2025-2029.”

“Progress Report: National Adaptation Plan. Assessing Progress on the Implementation and Effectiveness of the Government’s First National Adaptation Plan.”

“Review of the 2050 Emissions Target Including Whether Emissions from International Shipping and Aviation Should Be Included.”

2023

“2023 Advice on the Direction of Policy for the Government’s Second Emissions Reduction Plan.”

“NZ ETS Unit Limits and Price Control Settings for 2024-2028.”

“Submission: Climate Change Response (Late Payment Penalties and Industrial Allocation) Amendment Bill.”

“Submission: Natural and Built Environments Bill.”

2022

“Advice on Agricultural Assistance: How Financial Assistance Could Support Aotearoa New Zealand’s Agricultural Emissions Pricing System.”

“NZ ETS Unit Limits and Price Control Settings for 2023-2027.”

“Progress Towards Agricultural Emissions Pricing: Assessing How Ready Farmers and the Agriculture Sector Are for Emissions Pricing, and Advice on What Work Still Needs to Be Done.”

2021

“Ināia Tonu Nei: A Low Emissions Future for Aotearoa.”

2020

“Submission: Consultation on Proposed Emissions Trading Scheme Settings.”

“Submission: Emissions Trading Reform Bill.”

Other Publications

Leining, C., S. Maher, and H. Kotula. 2024. “Think Globally, Act Cooperatively: Progressing Offshore Mitigation for Aotearoa New Zealand.” Motu Note 54. Wellington: Motu Economic and Public Policy Research.

Just Transitions Aotearoa Group. 2023. “A Guide to Just Transitions for Communities in Aotearoa New Zealand.” Wellington: Motu Economic and Public Policy Research. (Co-leader and contributing author)

Leining, C. 2023. “Motu Researchers Release a Guide Aimed at Assisting Communities Facing Large, Disruptive Changes.” *Interest.co.nz*, 18 August 2023.

Pueyo, A., and C. Leining. 2023. “Just Transition Processes: From Theory to Practice.” Motu Note 51. Wellington: Motu Economic and Public Policy Research.

Carver, T., P. Dawson, S. O’Brien, H. Kotula, S. Kerr, and C. Leining. 2022. “Including Forestry in an Emissions Trading Scheme: Lessons from New Zealand.” *Frontiers in Forests and Global Change* 5. DOI=10.3389/ffgc.2022.956196.

- Kouchakji, K., C. Leining, and N. Brunel. 2022. "Carbon Market Business Brief: New Zealand." Geneva: IETA.
- Leining, C. 2022. "A Guide to the NZ ETS: 2022 Update." Motu Note. Wellington: Motu Economic and Public Policy Research.
- Kouchakji, K. and C. Leining. 2021. "Carbon Market Business Brief: New Zealand." Geneva: IETA.
- Leining, C. 2021. "New Proposal to Boost Voluntary Climate Action." *Newsroom*, 2 April 2021.
- Leining, C. 2021. "Why the ETS Alone Won't Get Us to Net Zero Emissions." *Business Desk*, 30 July 2021.
- Leining, C. and D. White. 2021. "Boosting Voluntary Climate Action in Aotearoa New Zealand." Full paper and overview. Wellington: Motu Economic and Public Policy Research.
- Rontard, B. and C. Leining. 2021. "Industrial Free Allocation Post-2020 in the NZ ETS." Motu Working Paper 21-13. Wellington: Motu Economic and Public Policy Research.
- White, D. and C. Leining. 2021. "Developing a Policy Framework with Indicators for a Just Transition in Aotearoa New Zealand." *Policy Quarterly* 17:3 pp 3-12.
- Cortés Acosta, S., A. Grimes, and C. Leining. 2020. "Decision Trees: Forestry in the New Zealand Emissions Trading Scheme Post-2020." Motu Working Paper 20-11. Wellington: Motu Economic and Public Policy Research.
- Kouchakji, K. and C. Leining. 2020. "Carbon Market Business Brief: New Zealand." Geneva: IETA.
- Leining, C. 2020. "Even Against the Backdrop of the COVID-19 Pandemic, We Cannot Afford to Press 'Pause' on Climate Action." *Interest.co.nz*, 5 May 2020.
- Convery, F., B. Bruce-Brand, T. Donnellan, C. Leining, A. Matthews, and F. O'Mara. 2019. "Climate Policy and Ruminant (Cattle and Sheep) Farming: A New Zealand-Ireland Comparison." Dublin: EnvEcon.
- Leining, C. 2019. "A First Step to Pricing Agricultural Emissions." *Newsroom*, 23 July 2019.
- Leining, C., B. Bruce-Brand, and C. Roberts. 2019. "Climate Explained: How Emissions Trading Schemes Work and They Can Help Us Shift to a Zero Carbon Future." *The Conversation*, 28 August 2019.
- Leining, C. 2019. "Commentary on Introduction of the Zero Carbon Amendment Bill." *New Zealand's Low-Emission Future Blog*, 9 May 2019.
- Leining, C. 2019. "Commentary on Tranche Two Decisions on the New Zealand Emissions Trading Scheme." *New Zealand's Low-Emission Future Blog*, 17 May 2019.
- Leining, C. 2019. "For Emissions Targets to Work, They Need to Be a Catalyst for Action." *The Spinoff*, 18 September 2019.
- Leining, C. 2019. "Greenhouse Gas Recommendations from the Government's Tax Working Group." *New Zealand's Low-Emission Future Blog*, 25 February 2019.
- Leining, C. 2019. "Integrating Climate with Economy Needs to Extend beyond Government." *The Spinoff*, 30 May 2019.
- Leining, C. 2019. "PCE Report on 'Farms, Forests and Fossil Fuels': One Lump or Two?" *New Zealand's Low-Emission Future Blog*, 26 March 2019.
- Leining, C. and J. McDermott. 2019. "Climate Change Response (Zero Carbon) Amendment Bill: Submission to the Environment Select Committee," July 2019. (Individual capacity)
- Leining, C. and S. Kerr. 2019. "Outfitting the NZ ETS in Post-Paris Style: 'Top Ten' List for 2019." Motu Note 34. Wellington: Motu Economic and Public Policy Research.
- Leining, C., S. Kerr and B. Bruce-Brand. 2019. "The New Zealand Emissions Trading Scheme: Critical Review and Future Outlook for Three Design Innovations." *Climate Policy*, <https://doi.org/10.1080/14693062.2019.1699773>.
- Kerr, S. and C. Leining. 2019. "Paying for Mitigation: How New Zealand Can Contribute to Others' Efforts." Motu Working Paper 19-09. Wellington: Motu Economic and Public Policy Research.

- Kerr, S. and C. Leining. 2019. "Uncertainty, Risk and Investment and the NZ ETS." Motu Working Paper 19-08. Wellington: Motu Economic and Public Policy Research.
- Leining, C. and S. Kerr. 2019. "Scarcity and Ambition in the NZ ETS." Motu Working Paper 19-07. Wellington: Motu Economic and Public Policy Research.
- Winchester, N., D. White and C. Leining. 2019. "A Community of Practice for Economic Modelling of Climate Change Mitigation in New Zealand." Motu Working Paper 19-12. Wellington: Motu Economic and Public Policy Research.
- Hendy, J., A. Ausseil, I. Bain, E. Blanc, D. Fleming, J. Gibbs, A. Hall, A. Herzig, P. Kavanagh, S. Kerr, C. Leining, L. Leroy, E. Lou, J. Monge, A. Reisinger, J. Risk, T. Soliman, A. Stroombergen, L. Timar, T. van der Weerdan, D. White and C. Zammit. 2018. "Land-Use Modelling in New Zealand: Current Practice and Future Needs." Motu Working Paper 18-16. Wellington: Motu Economic and Public Policy Research.
- Kerr, S. and C. Leining. 2018. "Why NZ's Emissions Trading Scheme Should Have an Auction Reserve Price." *The Conversation*, 18 September 2018.
- Leining, C. 2018. "'Beyond the Barricade' - The Backstory from a Musical Tribute to Emissions Trading." *New Zealand's Low-Emission Future Blog*, 23 October 2018.
- Leining, C. 2018. "This Must Be the Last Budget Where Climate Change Isn't a Top Priority." *The Spinoff*, 17 May 2018.
- Leining, C. 2018. "Understanding and Improving the New Zealand Emissions Trading Scheme." *Sciblogs*, 14 August 2018.
- Leining, C. and S. Kerr. 2018. "A Guide to the New Zealand Emissions Trading Scheme." Wellington: Motu Economic and Public Policy Research.
- Leining, C. and S. Kerr. 2018. "Submission on the Ministry for the Environment's discussion document *Our Climate Your Say: Consultation on the Zero Carbon Bill*," July 2018. (Individual capacity)
- Leining, Catherine, S. Kerr and N. Winchester. 2018. "Improvements to the New Zealand Emissions Trading Scheme: Submission to the Ministry for the Environment," September 2018. (Individual capacity)
- White, D., N. Winchester, M. Atkins, J. Ballingall, S. Coates, F. de Miguel Mercader, S. Greenhalgh, A. Kerr, S. Kerr, J. Leaver, C. Leining, J. Monge, J. Neale, A. Philpott, V. Smart, A. Stroombergen, and K. Suomalainen. 2018. "Energy- and Multi-Sector Modelling of Climate Change Mitigation in New Zealand: Current Practice and Future Needs." Motu Working Paper 18-15. Wellington: Motu Economic and Public Policy Research.
- Kerr, S., C. Leining, J. Silver, P. Brown, N. Brunel, S. Cortes-Acosta, S. Frazer, A. Macey, G. Salmon and P. Young. 2017. "An Effective NZ ETS: Clear Price Signals to Guide Low-Emission Investment." Motu Note 27. Wellington: Motu Economic and Public Policy Research.
- Kerr, S., C. Leining and C. Roberts. 2017. "A New Approach to Emissions Trading in a Post-Paris Climate." *The Conversation*, 6 July 2017.
- Leining, C. 2017. "Improving Emission Pricing in New Zealand." Wellington: GLOBE-NZ.
- Leining, C. 2017. "New Zealand Emissions Trading Scheme." *Carbon Markets Almanac 2017*. London: ICIS.
- Leining, C. 2017. "The ETS Is Ready to Reduce New Zealand's Emissions." *The Spinoff*, 17 August 2017.
- Leining, C. and S. Kerr. 2017. "A Guide to the New Zealand Emissions Trading Scheme." *Climate Change Issues Paper 2017*. Government of Korea.
- Leining, C., C. Allan and S. Kerr. 2017. "Evolution of the New Zealand Emissions Trading Scheme: Sectoral Coverage and Point of Obligation." Motu Working Paper 17-05. Wellington: Motu Economic and Public Policy Research.
- Leining C., J. Ormsby and S. Kerr. 2017. "Evolution of the New Zealand Emissions Trading Scheme: Linking." Motu Working Paper 17-06. Wellington: Motu Economic and Public Policy Research.

- Leining, C. 2016. "Assessing New Zealand's Climate Target Ambition." *New Zealand International Review* 41:2.
- Leining, C. 2016. "A Timeline of the New Zealand Emissions Trading Scheme." Interactive online information tool. Wellington: Motu Economic and Public Policy Research. Available [online](#).
- Leining, C. 2016. "Legislative Evolution of the New Zealand Emissions Trading Scheme." Wellington: Motu Economic and Public Policy Research.
- Leining, C., S. Kerr, R. Lubowski, J. Swartz and S. De Clara. 2016. "New Zealand: An Emissions Trading Case Study." Brussels: IETA.
- Leining, C. 2016. "Time Travelling on the New Zealand Emissions Trading Scheme." Motu Note 22. Wellington: Motu Economic and Public Policy Research.
- Leining, C. and S. Kerr. 2016. "Lessons Learned from the New Zealand Emissions Trading Scheme." Motu Working Paper 16-06. Wellington: Motu Economic and Public Policy Research.
- Leining, C. et al. 2016. "Idea Bank of Pathway Milestones for New Zealand's Low-Emission Future." Wellington: Motu Economic and Public Policy Research.
- Leining, C. et al. 2016. "New Zealand's Low-Emission Future: Transformational Pathways." Motu Note 23. Wellington: Motu Economic and Public Policy Research.
- Partnership for Market Readiness (PMR) and International Carbon Action Partnership (ICAP). 2016. *Emissions Trading in Practice: A Handbook on Design and Implementation*. Washington, DC: World Bank. (Contributing author)
- Leining, C. 2015. "New Zealand's Journey toward a Low-Emission Future: Today's Climate Change Landscape." Motu Note 16. Wellington: Motu Economic and Public Policy Research.
- Leining, C. 2015. "Not a Problem, Someone Else's Problem, My Problem or Our Opportunity? Shifting Attitudes and Behaviour on Mitigating Climate Change." Motu Note 18. Wellington: Motu Economic and Public Policy Research.
- Leining, C., and S. White. 2015. "From Fact to Act: New Zealanders' Beliefs and Actions on Climate Change." Motu Note 19. Wellington: Motu Economic and Public Policy Research.
- Wellington City Council. 2013. "Wellington City's 2013 Climate Change Action Plan." Wellington: Wellington City Council. (Project manager and contributing author)
- Motu Economic and Public Policy Research. 2012. "Roadmap for Implementing a Greenhouse Gas Emissions Trading System in Chile: Core Design Options and Policy Decision-Making Considerations." Washington, DC: World Bank. (Contributing author and editor)
- Leining, C. 2011. "Framework and Roadmap for the NZTA's Public Transport Planning and Investment Activity." Internal working document. Wellington: New Zealand Public Transport Agency. (Manager and lead author)
- New Zealand Ministry for the Environment and The Treasury. 2007. "The Framework for a New Zealand Emissions Trading Scheme." Wellington: MfE. (Manager and contributing author)
- New Zealand Ministry for the Environment. 2006. "Discussion Paper on Measures to Reduce Greenhouse Gas Emissions in New Zealand Post-2012." Wellington: MfE. (Manager and contributing author)
- New Zealand Ministry for the Environment. 2006. "New Zealand's Fourth National Communication to the United Nations Framework Convention on Climate Change." Wellington: MfE. (Contributing editor)
- New Zealand Ministry for the Environment. 2006. "New Zealand's Report on Demonstrable Progress under the Kyoto Protocol." Wellington: MfE. (Contributing editor)
- New Zealand Ministry for the Environment. 2006. "Projected Balance of Emissions Units During the First Commitment Period of the Kyoto Protocol." Wellington: MfE. (Contributing editor)

- Kerr, S., and C. Leining. 2004. "Joint Implementation in Climate Change Policy." In *The International Yearbook of Environmental and Resource Economics 2004/2005*. Edited by T. Tietenberg and H. Folmer. Cheltenham, UK: Edward Elgar Publishing Limited.
- Sussman, F., and C. Leining. 2002. "Priority Rules, Modalities, and Guidelines for Land Use, Land-Use Change and Forestry Projects in the Clean Development Mechanism: Key Considerations for Negotiators Post-Marrakech." Washington, DC: CCAP.
- de Alba, E. M. Estrada, and C. Leining. 2001. "Land Use, Land-Use Change and Forestry." In *Mexico and Emerging Carbon Markets: Investment Opportunities for Small and Medium-Sized Companies and the Global Climate Agenda*. Montreal: Commission for Environmental Cooperation.
- Leining, C., and S. Kerr. 2001. "Deciding the Eligibility of Land Use, Land-Use Change and Forestry Projects in the CDM: Negotiation Issues at COP6-bis." Washington, DC: CCAP.
- Kelly, C. and C. Leining. 2000. "Developing Rules and Guidelines for Joint Implementation." In *Global Emissions Trading: Key Issues for Industrialized Countries*, ed. S. Kerr. Cheltenham: Edward Elgar.
- Kerr, S. and C. Leining. 2000. "Permanence of LULUCF CERs in the Clean Development Mechanism." Washington, DC: CCAP.
- Leining, C. 2000. "The Eligibility of Land Use, Land-Use Change and Forestry Projects under the Clean Development Mechanism." Washington, DC: CCAP.
- Leining, C. 2000. "Climate Change Mitigation Options in Massachusetts' Land-Use Change and Forestry Sector" (Draft). Washington, DC: CCAP.
- Leining, C., K. Lawson and N. Helme. 2000. "Implementing the Additionality Requirement and Ensuring the Stringency of Project Baselines under the Clean Development Mechanism." Washington, DC: CCAP.
- Leining, C., N. Helme, C. Kelly, T. Hargrave. 2000. "Developing Terms of Reference for the Clean Development Mechanism Executive Board and Operational Entities." Washington, DC: CCAP.
- Leining, C., and B. Braatz. 1999. "Report on Project Eligibility: Options for Defining Additionality and Baselines under Article 6 and Article 12 of the Kyoto Protocol." Prepared for Canada's National Climate Change Process (Kyoto Mechanisms Table). (Principal author and presenter at the Conference of the Kyoto Mechanisms Table in Ottawa in April 1999)
- Leining, C., B. Braatz, and N. Bird. 1999. "Carbon Sequestration and the Kyoto Mechanisms and Other Potential Crediting and Trading Mechanisms." Prepared for Canada's National Climate Change Process (Sinks Issues Table).
- Leining, C., B. Braatz, B. Schlamadinger, and G. Marland. 1999. "Forests' Roles in Mitigating Global Climate Change." In *State of the World's Forests 1999*. Rome: United Nations Food and Agriculture Organization.
- US Country Studies Program. 1999. "Climate Change Mitigation, Vulnerability, and Adaptation in Developing and Transition Countries." Washington, DC: USCSP. (Contributing author)
- World Bank. 1998. "Chapter 5. Land-Use Project Assessment Methodology." In *Greenhouse Gas Assessment Handbook*. Washington, DC: World Bank. (Contributing author)
- US Environmental Protection Agency. 1998. "Activities Implemented Jointly: Third Report to the Secretariat of the United Nations Framework Convention on Climate Change." Washington, DC: USEPA. (Co-manager and contributing author)
- US Environmental Protection Agency. 1998. "Inventory of US Greenhouse Gas Emissions and Sinks: 1990-1996." Washington, DC: USEPA. (Contributing author)
- US Environmental Protection Agency. 1998. "State Workbook: Methodologies for Estimating Greenhouse Gas Emissions." Washington, DC: USEPA. (Contributing author)

- US Environmental Protection Agency. 1997. "Activities Implemented Jointly: Second Report to the Secretariat of the United Nations Framework Convention on Climate Change." Washington, DC: USEPA. (Co-manager and contributing author)
- US Environmental Protection Agency. 1997. "Identifying Opportunities for Methane Recovery at US Coal Mines: Profiles of Selected Gassy Underground Coal Mines." Washington, DC: USEPA. (Contributing author)
- US Environmental Protection Agency. 1997. "33/50 Program Success Stories." Washington, DC: USEPA. (Technical editor of 43 case studies)
- Leining, C. 1996. "Environmental Justice in Latino Communities: The Role of Local Government." Washington, DC: International City/County Management Association.
- Leining, C., and L. Saroff. 1995. "This Land Is My Land: Private Property Rights and Ecosystem Management." *ECOS (Environmental Communiqué of the States)*, January/February 1995.
- Leining, C. 1994. "The Great Lakes Initiative: A Case Study in Ecosystem Protection," *ECOS (Environmental Communiqué of the States)*, May/June 1995.
- Leining, C. 1994. "Pollution Prevention: A Guide for Local Government." Washington, DC: International City/County Management Association.

PRESENTATIONS

- Leining, C. 2024. "A Fresh Look at Offshore Mitigation for Aotearoa New Zealand." Presentation to the annual conference of the New Zealand Agricultural & Resource Economics Society, Wellington, 30 August 2024.
- Leining, C. 2024. "Insights from 'A Guide to Just Transitions.'" Presentation to *ISC Connect*, a conference by the Infrastructure Sustainability Council, Sydney, 24 October 2024.
- Leining, C. 2024. "Progressing Offshore Mitigation for Aotearoa New Zealand." Motu Public Policy Seminar, Wellington (and online), 21 October 2024.
- Leining, C. 2024. "Traversing the Gaps to a Low-Emissions Future." Presentation to Tauranga City Council (online), 3 May 2024.
- Leining, C. 2023. "Introducing a Guide to Just Transitions for Communities in Aotearoa New Zealand." Motu Public Policy Seminar, Wellington (online), 7 August 2023.
- Leining, C. 2023. "Meeting the Challenges of International Carbon Market Cooperation." Presentation to the Motu International Climate Cooperation Dialogue, Wellington (online), 24 August 2023.
- Leining, C. 2023. "Why Would Aotearoa New Zealand Fund Offshore Mitigation?" Presentation to the Motu International Climate Cooperation Dialogue, Wellington (online), 10 August 2023.
- Leining, C. and J. Hendy. 2023. "Advice on NZ ETS Unit Limits and Price Control Settings for 2024-2028." Climate Change Commission webinar, Wellington (online), 21 April 2023.
- Leining, C. 2023. "Emissions Trading: The Journey of Aotearoa New Zealand." Presentation at a Curtin University conference *Building the Ecosystem to Support Carbon Market Establishment*, Perth (online), 10 May 2023.
- Leining, C. 2023. "Enabling Successful Transitions: Reflections for Tauranga City Council." Presentation to the Tauranga City Council, Tauranga (online), 15 February 2023.
- Leining, C. 2022. "Climate Change and Emissions Trading: The Journey of Aotearoa New Zealand." Lecture at Victoria University of Wellington, Wellington (online), 18 August 2022.
- Leining, C. 2022. "Linking and the NZ ETS: Past Experience and Future Outlook." Presentation at a G20 side event *Implementing Carbon Pricing Policies in Indonesia: Comparative Perspectives on Emissions Trading Systems*, Bali (online), 28 August 2022 (pre-recorded presentation).
- Lawrence, J. and C. Leining. 2021. "Transition to Net Carbon Zero: The Climate Change Commission Draft Advice." Presentation to the Fabian Society, Wellington, 18 February 2021.

- Leining, C. 2021. "Boosting Voluntary Climate Action in Aotearoa New Zealand." Presentation at an online Motu Research Round Table, 1 April 2021 (repeated in a webinar series).
- Leining, C. 2021. "Building for Zero Carbon by 2050." Presentation at a University of Otago symposium, Wellington, 16 February 2021.
- Leining, C. 2021. "Climate Change and Global Governance: Personal Reflections on the Journey from COP6 to COP26." Response to Hon James Shaw at the New Zealand Centre for Global Studies' 8th Annual Global Affairs Lecture *The UN and Climate Negotiations: Implications for our Planet and country*, Auckland (online), 6 December 2021.
- Leining, C. 2021. "Climate Change Mitigation and Emissions Trading." Lecture at Victoria University of Wellington, Wellington, 1 December 2021.
- Leining, C. 2021. Panelist for a Sustainable Business Council webinar *Demystifying Just Transitions: Putting People at the Heart of Climate Action*, Wellington (online), 13 October 2021.
- Leining, C. 2021. "ETS Dialogue: Industrial Free Allocation." Presentation to the Motu ETS Dialogue, Wellington (online), 1 September 2021.
- Leining, C. 2021. "ETS Dialogue: Market Governance." Presentation to the Motu ETS Dialogue, Wellington (online), 31 August 2021.
- Leining, C. 2021. "Future of Voluntary Carbon Mitigation – Expert Briefing." Science Media Centre media briefing, Wellington (online), 30 March 2021.
- Leining, C. 2021. "Low-Emission Pathways for Aotearoa New Zealand: The Climate Change Commission Draft Advice." Presentation at an ANU Crawford School of Public Policy webinar *Best Practice for Long-Term Emissions Strategies, and the NZ Climate Change Commission's Advice*, Canberra (online), 11 March 2021.
- Leining, C. 2021. "New Zealand Takes Action on Climate Change: NZ ETS and Other Policies." Presentation to the Fabian Society, Wellington, 6 October 2021.
- Leining, C. 2021. "The Principles Behind a Just Transition." Presentation at the Motu Distributional Impacts Dialogue, Wellington (online), 25 May 2021.
- Leining, C., and E. Murray. 2021. "Emissions Pricing in Our Draft Advice." Climate Change Commission webinar, Wellington (online), 2 February 2021.
- Smith, M., J. Renwick, C. Leining and E. Murray. 2021. "1.5°C and our NDC." Climate Change Commission webinar, Wellington (online), 15 February 2021.
- Leining C. 2020. "A Cap at Last! ETS Reforms and the Impact on Carbon Pricing and Markets." Panel presentation at the Environmental Defence Society's *Climate Change and Business Conference*, Auckland, 12 November 2020.
- Leining, C. 2020. "An Alternative Framework for Crediting Voluntary Mitigation," "Stakeholder Objectives for Voluntary Mitigation," and "A Straw Proposal for Cooperative Voluntary Mitigation." Presentations to Motu's Voluntary Mitigation Dialogue, Wellington, 18 November 2020.
- Leining, C. 2020. "Climate Change Mitigation and Emissions Trading." Lecture at Victoria University of Wellington, Wellington, 20 November 2020.
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