

Llewelyn Hughes
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Narrative Biography

Llewelyn Hughes is a Professor at the Crawford School of Public Policy at the Australian National University, where he sits on the Academic Board and is Director of the Japan Institute. From 2018-2021 he was Associate Dean for Research at the College of Asia & the Pacific, Australian National University. Prior to returning to Australia in 2015 he worked at the Elliott School of International Affairs and the Department of Political Science at George Washington University, and was a Research Fellow in the Consortium for Energy Policy Research, Mossavar-Rahmani Center for Business and Government, John F. Kennedy School of Government, Harvard University.

Llewelyn works on questions related to the political economy of energy. His research is informed by an interest in how the structure of markets for energy commodities and technologies affects the behaviour of business and governments. His book *Globalizing Oil: Firms and Oil Market Governance in France, Japan, and the United States* showed how the nationalisation of oil production in the 1970s caused the globalization of the oil industry as OECD governments transformed their approaches to energy security. It was published in the Business and Public Policy series of Cambridge University Press. Recent work uses a technologically-informed and sector specific approach to documenting and explaining the low carbon energy transition, with a particular focus on interdependence and global supply chains. He has authored or co-authored 29 academic articles in journals including in *Nature*, the *Annual Review of Political Science*, *International Security*, *International Studies Quarterly*, *Review of International Political Economy*, *Climate Policy*, *Global Environmental Change*, *Energy Policy*, and the *Journal of Cleaner Production*.

In addition to his academic work Llewelyn holds a number of external appointments, serving on the board of the Australian Institute for International Affairs (AIIA), membership of the Energy Transition Subcommittee of the Australia Japan Business Co-operation Committee (AJBCC), and acting as the Australia Focal Point for the Energy Research Institute Network of the Economic Research Institute for ASEAN and East Asia (ERIA). He is also a Research Fellow at the Initiative for Sustainable Energy Policy, Johns Hopkins University - SAIS, and a member of the Executive Committee & Council for the International Society for Energy Transition Studies (ISETS). From 2014-2022 he was Director of Energy and Environment for GR Group Asia, where he provided advice to renewable energy companies on the management of regulatory risk in the Japanese market.

Appointments:

External:

- 2024- Member of Board & Research Director, Australian Institute of International Affairs
- 2023-26 Examiner, Sustainability Leadership and Governance Programme, University of Hong Kong
- 2022- Member, Clean Energy Transition Committee, Australia Japan Business Co-operation Committee (AJBCC)
- 2020- Executive Committee & Council, International Society for Energy Transition Studies (ISETS)
- 2018- Australia Focal Point, Energy Research Institute Network, Economic Research Institute for ASEAN and East Asia (ERIA), Jakarta, Indonesia
- 2017- Research Fellow, Initiative for Sustainable Energy Policy, Johns Hopkins University, School of Advanced & International Studies, Washington DC, USA
- 2021- Editorial Board, *Organizational Response to Climate Change: Business, Governments, and Non-profits* series, Cambridge University Press
- 2018- Associate Editor, *Japanese Journal of Political Science*
- 2017- Editorial Board, *Studies in Comparative Energy and Environmental Politics* series, Oxford University Press

Australian National University:

- 2024- Academic Board Member, Australian National University
- 2023- Professor of Public Policy, Crawford School of Public Policy, Australian National University
- 2023- Director, Japan Institute, Australian National University
- 2016- Convener, Masters' of Public Policy Double Degree, Crawford School of Public Policy, ANU & Graduate School of Public Policy, University of Tokyo
- 2018-2023 Steering Committee, Zero Carbon for the Asia Pacific Grand Challenge, Australian National University

Previous:

- 2018-21 Associate Dean Research, College of Asia & the Pacific, Australian National University; Chair, College of Asia & the Pacific Research Committee; Member, University Research Council; Member, College of Asia & the Pacific Executive Committee
- 2017-20 Visiting Fellow, Climate College, School of Earth Sciences, Faculty of Science, University of Melbourne
- 2016-18 Executive Committee, Energy Change Institute, Australian National University
- 2010-14 Steering Committee, International Trade and Investment Program, Elliott School of International Affairs, George Washington University
- 2016-22 Associate Professor of Public Policy, Crawford School of Public Policy, Australian National University
- 2014-15 Senior Lecturer, Crawford School of Public Policy, Australian National University
- 2009-14 Assistant Professor, Elliott School of International Affairs and Political Science, George Washington University
- 2008-09 Research Fellow, Consortium for Energy Policy Research, Mossavar-Rahmani Center for Business and Government, John F. Kennedy School of Government, Harvard University

Funding:

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- 2022-27 Chief Investigator, Industrial Transformation Research Hub, Carbon Capture, Utilisation and Recycling”, Australian Research Council. AUD5,000,000 (dedicated share: AUD175,825).
 - 2021-22 Lead Chief investigator, “Disruptive Technologies: Model-based Scenario Analysis of Decarbonisation and National Security Risks in the Indo-Pacific”, Australian Commonwealth Department of Defence. AUD\$225,246.
 - 2021-23 Chief investigator, “Australia-China Links on Low-carbon Technology Transitions,” National Foundation for Australia-China Relations, Commonwealth Department of Foreign Affairs and Trade 2021-22 Competitive Grants Round. AUD\$430,000.
 - 2021-22 Lead chief investigator, “The Potential for Offshore Wind Power in Europe and Australia”, Strategic Partnership for the Implementation of the Paris Agreement (SPIPA) Programme EU-AUS exchange on offshore renewables (regulatory framework), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. €100,000.
 - 2019-21 Lead Chief investigator, China in the World Research Grant seed funding – Taiwan as a Lead Market in Offshore Wind AUD\$15,000.
 - 2018-20 Lead Chief investigator, APIP Research Development Grant seed funding – Coal Export Finance in Japan and South Korea AUD\$10,500.
 - 2018-20 Partner investigator, Commonwealth Department of Foreign Affairs and Trade, Australia-Germany Energy Transition Hub. <https://www.energy-transition-hub.org/>. AUD\$900,000.
 - 2018-23 Partner investigator, Australian National University Grand Challenge “Zero Carbon for the Asia Pacific”. AUD\$10 million over five years.

- 2015-16 Lead Chief investigator, Research School of Asia and the Pacific (RSAP) Grant Development Support Program. AUD\$13,750.
- 2013-15 Lead Chief investigator, Social Science Research Council – Abe Grant. US\$79,000.
- 2011 Lead Chief investigator, GWU Elliott School of International Affairs Dean’s Faculty Research Grant. US\$5,000.
- 2010-11 Lead Chief investigator, GWU Center for International Business Education and Research Grant. US\$12,000.
- 2010 Lead Chief investigator, Sigur Center for Asian Studies Faculty Research Grant. US\$5,000.
- 2008 Lead Chief investigator, World Politics and Statecraft Fellowship, Smith Richardson Foundation. US\$7,500.
- 2007 Lead Chief investigator, Laboratory for Energy and the Environment Research Grant, Massachusetts Institute of Technology. US\$5,000.
- 2006-07 Lead Chief investigator, MIT-Japan International Studies Grant, Center for International Studies, Massachusetts Institute of Technology. US\$5,000.

Contract consulting:

- 2014-22 GR Group Asia
Consulting on regulatory risk and market entry in Japan energy.
- 2021 World Bank Group, Beijing
Research report on impact of reshoring on global supply chains in renewable technologies.
- 2021 Konrad Adenauer Stiftung
Research report on trilateral cooperation between Australia, Germany, and Japan in support of renewable hydrogen market development.
- 2017 Council on Foreign Relations, New York
Research report on natural gas outlook in the Asia-Pacific region.

Research outputs:

In progress:

Under review. Reza Fazeli, Sophie Burgess, Llewelyn Hughes, Fiona Beck. Implications of Ammonia Co-combustion for Lifetime Emissions from ASEAN Coal Power Generation.

Working paper. Llewelyn Hughes. Competitive Renewable Energy Auctions, Policy Mixes in Green Industry Policies: the Case of Japanese Offshore Wind Power.

Working paper. Yeliz Simsek, Thomas Longden, Frank Jotzo, Llewelyn Hughes. Coal and Gas Futures in Indo-Pacific: An Analysis of the Impact of Climate Policy and Technological Pathways on the Energy Mix of China, India, Japan, South Korea and Indonesia.

Working paper. Andreas Goldthau, Llewelyn Hughes, Jonas Nahm. The Political Logic of Reshoring in Low Carbon Technologies: Economic Interdependence and Green Industrial Policy. <https://doi.org/10.13140/RG.2.2.23429.22246>

In progress. Conrad Buffier and Llewelyn Hughes. Climate Change Mitigation Policy Upscaling: Barrier Removal through an Implement-then-upscale Approach.

In progress. Llewelyn Hughes. Winning at Picking: Actor Concordance and Low Carbon Technology Selection.

In progress. Llewelyn Hughes. Measurement Strategies for Global Value Chains in Renewable Technologies: A Review and Agenda.

Book:

Llewelyn Hughes, *Globalizing Oil: Firms and Oil Market Governance in France, Japan, and the United States* (Cambridge, UK: Cambridge University Press, 2014), 265pp (paperback: November 2016).

Reviews: Christina Faegri *Global Governance* Vol. 20, No. 4 (2014), p. 629-630; John R. Heilbrunn, *Perspectives on Politics* Vol.13, No. 1 (2015), pp. 230-231; John Mitchell, *International Affairs* Vol. 91, No. 1, (2015), pp. 183-

184; Paul Stevens, *The Energy Journal* Vol. 36, No. 3 (2015) p. 212-213; Anastasia Ufimtseva, ACUNS, <http://acuns.org/review-of-globalizing-oil-firms-and-oil-market-governance-in-france-japan-and-the-united-states/>

Journal articles:

1. Forthcoming. Llewelyn Hughes, Wenting Cheng, Thang Do, Anton Ming-Zhi Gao, Jorrit Gosens, Sung-Young Kim, Thomas Longden. Governing Offshore Wind in the Asia-Pacific: Emerging Regulatory Frameworks. *Climate Policy*.
2. Llewelyn Hughes and Thomas Longden. 2024. Expert Elicitation of Offshore Wind Power Costs and Policies in the Asia Pacific. *Energy Policy*. 184, 113842 <https://doi.org/10.1016/j.enpol.2023.113842>.
3. Llewelyn Hughes, Thomas Longden and Yeliz Simsek. 2023. Climate Change and National Security: The Potential Application of Integrated Assessment Models. *Australian Journal of Defence and Strategic Studies*. 5(2), 269-284. <https://www.defence.gov.au/sites/default/files/research-publication/2023/AJDSS%20V5N2%20accessible.pdf>
4. Cheng Cheng and Llewelyn Hughes. 2023. Is There a Role for Offshore Wind Power in Renewable Hydrogen Production in Australia? *Journal of Cleaner Production*. 391, 136223. <https://doi.org/10.1016/j.jclepro.2023.136223>
5. Llewelyn Hughes and Christian Downie. 2023. Bilateral Finance Organizations and Stranded Asset Risk in Coal Technology Finance: the Case of Japan. *Climate Policy* 23 (1), 41-56. <https://doi.org/10.1080/14693062.2021.1975622>
6. Thang Do, Paul Burke, Llewelyn Hughes, Ta Dinh Thi. 2022. Policy Options for Offshore Wind Power in Vietnam. *Marine Policy*. Vol. 141, 105080. <https://doi.org/10.1016/j.marpol.2022.105080>
7. Matthew Stocks, Reza Fazeli, Llewelyn Hughes, Fiona J. Beck. 2022. Global Emissions Implications from Co-combusting Ammonia in Coal Fired Power Stations: An Analysis of the Japan-Australia Supply Chain, *Journal of Cleaner Production*. Vol. 336, 130092. <https://doi.org/10.1016/j.jclepro.2021.130092>
8. Lee White, Llewelyn Hughes, Michelle Lyons, Yuan Peng. 2021. Iterating Localization Policies in Support of Energy Transition: The Case of the Australian Capital Territory. *Energy Policy*. Vol. 158, 112568. <https://doi.org/10.1016/j.enpol.2021.112568>
9. Andreas Goldthau & Llewelyn Hughes. 2021. Saudi on the Rhine? Explaining the Emergence of Private Governance in the Global Oil Market. *Review of International Political Economy*. Vol. 28, No. 5, 1410-1432. <https://doi.org/10.1080/09692290.2020.1748683>
10. Eugene Gholz and Llewelyn Hughes. 2021. Market Structure and Economic Sanctions: The 2010 Rare Earth Elements Episode as a Pathway Case of Market Adjustment. *Review of International Political Economy* Vol. 28, No. 3: 611-634. <https://doi.org/10.1080/09692290.2019.1693411>
11. Llewelyn Hughes, David Konisky, and Sandra Potter. 2020. Extreme Weather and Climate Change Opinion: Evidence from Australia. *Climatic Change* Vol. 163: 723–743 <https://doi.org/10.1007/s10584-020-02900-5>
12. Andreas Goldthau and Llewelyn Hughes. 2020. Comment: Protect Global Supply Chains for Low Carbon Technologies. *Nature*, 3 September 2020. <https://www.nature.com/articles/d41586-020-02499-8>
13. Annika Bose-Styczynski and Llewelyn Hughes. 2019. Public Policy Strategies for Next-generation Vehicle Technologies: An Overview of Leading Markets. *Environmental Innovation and Societal Transitions* Vol. 31 (2019), 262-272. <https://doi.org/10.1016/j.eist.2018.09.002>
14. Jonas Meckling and Llewelyn Hughes. 2018. Global Interdependence in Clean Energy Transitions. *Business & Politics*, Vol. 20, No. 4, 467-491. <https://doi.org/10.1017/bap.2018.25>
15. Llewelyn Hughes and Jonas Meckling. 2018. Policy Competition in Clean Technology: Scaling Up or Innovating Up? *Business & Politics* Vol. 20, No. 4, 588-614. <https://doi.org/10.1017/bap.2018.20>
16. Jonas Meckling and Llewelyn Hughes. 2018. Protecting Solar: Global Supply Chains and Business Power. *New Political Economy* Vol. 23 No. 1, 88-104. <https://doi.org/10.1080/13563467.2017.1330878>

17. Aaron Ray, Llewelyn Hughes, Charles Kaylor, David Konisky. 2017. Extreme Weather Events and Public Opinion Towards Climate Adaptation. *Global Environmental Change* Vol. 46, 104–113. <https://doi.org/10.1016/j.gloenvcha.2017.07.002>
18. Llewelyn Hughes and Jonas Meckling. 2017. The Politics of Renewable Energy Trade: The US-China Solar Dispute. *Energy Policy* Vol. 105, 256-62. <https://doi.org/10.1016/j.enpol.2017.02.044>
19. Jonas Meckling and Llewelyn Hughes. 2017. Globalizing Solar: Industry Specialization and Firm Demands for Trade Protection. *International Studies Quarterly* Vol 61, No. 2, 225-235. <https://doi.org/10.1093/isq/sqw055>
20. David Konisky, Llewelyn Hughes, and Charles Kaylor. 2016. Extreme Weather Events and Climate Change Concern. *Climatic Change* Vol. 134, No. 4, 533-47. <https://doi.org/10.1007/s10584-015-1555-3>
21. Llewelyn Hughes and Johannes Urpelainen. 2015. Interests, Institutions, and Climate Policy: Explaining the Choice of Policy Instruments for the Energy Sector. *Environmental Science & Policy* Vol. 54, 52-63. <https://doi.org/10.1016/j.envsci.2015.06.014>
22. Llewelyn Hughes and Austin Long. 2015. Is There an Oil Weapon? Security Implications of Changes in the Structure of the International Oil Market. *International Security* Vol. 39, No. 3 (Winter/Spring), 152-89. https://doi.org/10.1162/ISEC_a_00188
23. Llewelyn Hughes. 2014. The Limits of Energy Independence: Assessing the Implications of Oil Abundance for US Foreign Policy. *Energy Research and Social Science* Vol. 1, No. 3, 55-64. <https://doi.org/10.1016/j.erss.2014.07.001>
24. Llewelyn Hughes, Jeffry Lantis and Mireya Solis. 2014. The Life Cycle of International Regimes. *Journal of International Organizations Studies* Vol. 5, No. 2, 85-115.
25. Llewelyn Hughes and Phillip Lipsky. 2013. The Politics of Energy. *Annual Review of Political Science* Vol. 16, 449-69. <https://doi.org/10.1146/annurev-polisci-072211-143240>
26. Llewelyn Hughes. 2012. Climate Converts: Institutional Redeployment and Public Investment in Energy in Japan. *Journal of East Asian Studies* Vol. 12, No.1, 89-118. <https://doi.org/10.1017/S1598240800007633>
27. Llewelyn Hughes and Seán J. Kreyling. 2010. Understanding Resource Nationalism in the 21st Century. *Journal of Energy Security* (July).
28. Llewelyn Hughes. 2007. Why Japan Won't Go Nuclear (yet) – an Examination of the Domestic and International Constraints on the Nuclearization of Japan. *International Security* Vol. 31, No. 4, 67-96. <https://doi.org/10.1162/isec.2007.31.4.67>
29. Llewelyn Hughes. 1999. 国内新聞と海外新聞の比較論 [Political Reporting by the Domestic and Foreign Press in Japan]. *Journal of World Affairs* (February), 18-33 (Japanese language).

Book chapters:

1. Llewelyn Hughes and Andreas Goldthau. 2022. International Relations and Oil: Towards a Networked Power Framework of Analysis. In Roland Dannreuther and Wojciech Ostrowski (eds.) *Handbook on Oil and International Relations*. London: Elgar, 301-314. <https://doi.org/10.4337/9781839107559>
2. Llewelyn Hughes. 2021. Revisiting Radical Incrementalism in Japan's Energy Policy. In *The Oxford Handbook on Japanese Politics*. New York: Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780190050993.013.20>
3. Llewelyn Hughes. 2019. Energy Politics and Climate Change. In *The Oxford Handbook on Energy Politics*. New York: Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780190861360.013.26>
4. Llewelyn Hughes. 2018. Japan's Radical Incrementalism in Power Market Regulation and Renewable Energy. In Phyllis Yoshida (ed.) *Japan's Energy Conundrum: A Discussion of Japan's Energy Circumstances and U.S.-Japan Energy Relations* (Washington DC: Sasakawa Peace Foundation, 59-67).
5. Llewelyn Hughes and Rainer Quitzow. 2018. Low-Carbon Technologies, National Innovation Systems, and Global Production Networks: The State of Play. In Andreas Goldthau, Caroline Kuzemko and Michael Keating (eds.) *Handbook on the IPE of Energy and Resources* (London: Edward Elgar).

6. Llewelyn Hughes. 2016. Renegotiating Japan's Energy Compact. In Carol Hager and Cristoph Stefes (eds.) *Germany's Energy Transition: A Comparative Perspective* (London: Palgrave), 165-84.
7. Llewelyn Hughes and Eugene Gholz. 2016. Energy, Coercive Diplomacy and Sanctions. In Thijs Van de Graaf et.al. (eds.) *Handbook of the International Political Economy of Energy* (London: Palgrave), 487-504.
8. Llewelyn Hughes. 2015. Abenomics and Japan's Energy Conundrum. In Robert Pekkanen, Steven R. Reed, and Ethan Scheiner (eds.), *Japan Decides 2014: The Japanese General Election* (Houndmills: Palgrave Macmillan), 199-210.
9. Llewelyn Hughes. 2015. Japan's Public-Private Approach to Energy Security Cooperation in Northeast Asia. In Bo Kong and Jae H. Ku (eds.), *Energy Security Cooperation in Northeast Asia* (London: Routledge - Explorations in Environmental Studies Series), 62-85.
10. Llewelyn Hughes. 2014. Energy and Environmental Security, and the Role of Okinawa. In Akikazu Hashimoto, Mike Mochizuki, and Kurayoshi Takara (eds.), *The Okinawa Question: Futenma, the US-Japan Alliance, and Regional Security* (Washington DC: Sigur Center for Asian Studies), 103-10.

Selected government & think tank:

1. Llewelyn Hughes and Thomas Longden, Submission to Australian Parliament Joint Standing Committee on Trade and Investment Growth on "Australia's Transition to a Green Energy Superpower". 21 December 2022. Parliamentary evidence to the Joint Standing Committee. 31 March 2023.
2. Llewelyn Hughes, "Securing Critical Mineral Supply Chains in the Indo-Pacific: A Perspective from Australia" National Bureau for Asian Research. December 2022.
3. Llewelyn Hughes, Frank Jotzo, Thomas Longden, Friedbert Pflueger, Masakazu Sugiyama, The Era of Hydrogen Economies: Shared Interests by Australia, Germany and Japan, Konrad Adenauer Stiftung, 6/2021.
4. ANU Energy Change Institute, ANU Energy Change Institute Submission on the Technology Investment Roadmap, 19 June 2020.
5. Rebecca Burdon, Llewelyn Hughes, Michael Lord, Silvia Maddedu, Falko Ueckerdt, Changlong Wang, Innovation and Export Opportunities of the Energy Transition: Insights from the Australian-German Energy Transition Hub, September 2019.
6. Fiona Beck, Tory Bridges, Paul Burke, Kylie Catchpole, Llewelyn Hughes, Frank Jotzo, Yun Liu, James Prest, John Pye, Igor Skryabin, Matthew Stocks, Robin Purchase, Mahesh Venkataraman, ANU ECI Submission to the National Hydrogen Strategy Discussion Paper, 3 April, 2019.
7. National University Climate Change Institute, "Mitigating Climate Change for National Security: the Role of Climate Mitigation Policies in Reducing National Security Risks," in Submission to the Senate Inquiry on the Implications of Climate Change for Australia's National Security by the Australian National University Climate Change Institute (with Ken Baldwin and Christian Downie), 4 August, 2017.
8. Ian Cronshaw, Quentin Grafton, and Llewelyn Hughes, "Increasing the Use of Natural Gas in the Asia-Pacific Region," Council of Foreign Relations (CFR) Policy Brief. Available for free download here: <https://www.cfr.org/report/increasing-use-natural-gas-asia-pacific-region>.
9. Llewelyn Hughes, "The Trump Administration: Implications for Global, and Asia-Pacific, Energy Markets" ANU College of Asia and the Pacific Briefing. April 2017.
10. Llewelyn Hughes, "Japan: Dominated by Fukushima and Tackling Hard Problems in Decarbonisation" in Sybille Röhrkasten, Sonja Thielges, Rainer Quitzow (eds.), *The G20's Potential for Advancing a Global Transition Towards Sustainable Energy*, Institute of Advanced Sustainability Studies, Potsdam, Berlin, 145-50.
11. Llewelyn Hughes and Crystal Pryor, "Domestic Interests and "Strategic Benefits" in Australia-Japan Submarine Deal," Center for International Studies (CSIS) Pacific Forum No 11, January 27, 2016. Available at: <http://csis.org/publication/pacnet-11-domestic-interests-and-strategic-benefits-australia-japan-submarine-deal>.
12. Llewelyn Hughes, "Why Japan Deserves Some Praise on Climate," Center for International Studies (CSIS) Japan Chair Platform, June 19, 2015. Available at: <http://csis.org/publication/japan-chair-platform-why-japan->

deserves-some-praise-climate/ (republished in the East Asia Forum).

13. Llewelyn Hughes. 2014. Don't Panic! China and the Second Energy Revolution. Book Roundtable for Elizabeth Economy and Michael Levi, *By All Means Necessary: How China's Resource Quest is Changing the World* (Oxford: Oxford University Press), in *Asia Policy* (July 2014), 162-65.
14. Llewelyn Hughes, "Japan's Radical Incrementalism in Energy," Center for International Studies (CSIS) Japan Chair Platform, May 2013. Available here: <http://csis.org/publication/japans-radical-incrementalism-energy/> (republished in the East Asia Forum).
15. Llewelyn Hughes, "Promoting Standards Harmonization in the Fight Against Climate Change," *Asia-Pacific Bulletin*, East-West Center, April 2013.
16. Llewelyn Hughes, "Exploring Regional Regimes for Climate Change," *Japan Economic Forum Spotlight*, March/April 2012.
17. Llewelyn Hughes, "Resource Nationalism in the Asia-Pacific: Why Does it Matter?" *National Bureau of Asian Research (NBR) Special Report #31* (2011), 7-14.

Opeds etc:

Opinion pieces in *East Asia Forum*, *The Conversation*, *Policy Forum*, *The Age*, etc.

Service to the field:

Higher degree research supervision:

Conrad Buffier. PhD Committee Chair. "Climate Policy Stringency Upscaling". Crawford School of Public Policy, Australian National University (2023-).

Jane Kuang, PhD Committee Chair. Impact of Company Ownership on Chinese Investment in Australia Mining Industry (2021-).

Hannah Lord. PhD Committee Member. "ASEAN Power Grid and the Political Economy of Cross-border Electricity Trading." School of Regulation and Global Governance, Australian National University (2024-).

Genna Lehman. PhD Committee Member. Japan's Economic Security Strategies. School of Politics and International Relations, Australian National University (2023-).

Hang Deng. PhD Committee Member. "Climate Risks, Environmental Regulations, and Corporate Environmental Management". College for Business & Economics, Australian National University (2020-2024). Placement: World Bank (Vietnam).

Kenneth Vincent. PhD Committee Member. "The Strategic Determinants of Oil Stockpiling Behavior". Department of Political Science, George Washington University (2014-2017). Placement: United States Department of Energy.

Gail Ma. PhD Committee Member. "Beyond Vulnerability: Explaining State Intervention in Oil Supply in the Asia-Pacific". College of Asia and the Pacific, Australian National University (2014-2017). Placement: City of Honolulu, Hawaii.

Inwook Kim. PhD Committee Member. "Crude Security: Oil, Armament, and Alliance". Department of Political Science, George Washington University (2013-2015). Placement: Assistant Professor (tenure track), Singapore Management University.

Simone Antich. Masters Research Project Supervisor. "Techno-Economic Assessment of Hydrogen Production in Costa Rica". College of Science, Australian National University (2022-3). Placement: Graduate Policy Office, Queensland Department of Energy and Public Works, Queensland Government.

Minoura Haruna. Examining Faculty. "Energy Security and Japan-China Relations: Competition or Cooperation?". Masters in Asian Studies, Elliott School of International Affairs (2009-2010). Placement: Ministry of Foreign Affairs, Japan.

Research proposal reviews:

Australian Research Council, Center for Global Energy Policy, Columbia University; Deutsche Forschungsgemeinschaft; German Federal Ministry for Education and Research (BMBF); Israel Science Foundation; Swiss National Science Foundation

Journal & book manuscript reviews:

American Journal of Political Science, American Political Science Review, Applied Energy, Asian Journal of Political Science, Asia Policy, Asian Survey, Business and Politics, Business and Society, Climatic Change, Comparative Politics, Contemporary Japan, Emerging Markets Finance and Trade, Energy Policy, Energy Research and Social Science, Environmental Politics, European Journal of International Relations, Global Environmental Change, Global Governance, Governance, International Affairs, International Journal of Disaster Risk Reduction, International Relations, International Security, International Studies Review, International Studies Quarterly, International Trade Journal, Japanese Studies, Journal of Contemporary China, Journal of Contemporary Asia, Journal of Environmental Policy & Planning, Journal of European Public Policy, Journal of Peace Research, Nature Communications, Nature Energy, New Political Economy, One Earth, Pacific Affairs, Political Geography, Political Research Quarterly, Political Science Quarterly, Princeton University Press, Renewable Energy Focus, Review of International Organizations, Review of International Political Economy, Review of Policy Research, Security Studies, Technological Forecasting & Social Change, Cambridge University Press, Oxford University Press

Teaching:

Graduate	Research Methods (ANU: 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023) Governing the Energy Transition (ANU: 2015, 2016, 2017, 2021, 2022, 2023) International Political Economy (GWU: 2009, 2010, 2011, 2013, 2014) Political Economy of Japan (GWU: 2009, 2010, 2012)
Undergraduate	Politics of Energy & Environment (GWU: 2012) Politics and Foreign Policy of Japan (GWU: 2010, 2012, 2013, 2014)

Awards, Certificates & Training:

Nominated for Teaching Excellence Award, College of Asia & the Pacific (2017, 2021, 2022)

Japanese Language Conference Interpreting Course Level 1 (simultaneous/consecutive), Interschool Interpreting and Translation School, Tokyo, Japan

Mandarin Language Intensive Course, Beijing Normal University, Beijing, PRC

Education:

Massachusetts Institute of Technology

Ph.D. in Political Science (majors: political economy, international relations)

Winner, Lucian Pye Prize for Best Dissertation in the Department of Political Science

University of Tokyo, Japan

Master of Laws (Political Science).

Master's Thesis: 「国内新聞と海外新聞の比較論」 (80,000 characters)

University of Melbourne, Australia

Bachelor of Arts

Citizenship:

United Kingdom, Australia, New Zealand

Languages:

English	native	Japanese	functionally native
German	intermediate reading & speaking	Mandarin	basic reading & speaking

Selected keynotes & presentations:Low-carbon energy transition:

- “Co-combusting Ammonia in Coal Fired Power Stations: Will it Work as a Climate Strategy?” European Union Institute. Florence, Italy. 18 March 2024. [in person]
- “The Implications of Decarbonisation in the Indo-Pacific for Australia’s Strategic Interests”. Institute for Energy Economics, Japan (IEEJ). 29 February 2024. [virtual]
- Chair. 4th Australian Offshore Wind Conference. Melbourne. 26 February 2024. [in person]
- Critical Minerals and Supply Chains: A View from Australia. LSE-NUS Workshop. Singapore. 2 February 2024. [in person]
- Energy & Environment. Australian Institute for International Affairs Annual Conference. 13 November 2023. Canberra. [in person]
- “Australia’s Offshore Wind Power Policy and Implications for Vietnam”. Melbourne. 10 August 2023. [in person]
- Keynote: “Global Value Chain Transformation and its Implications for Businesses in the Transition towards Circular Economy”. Centre for Civil Society and Governance, The University of Hong Kong. 4 July 2023. [in person]
- “Disruptive Technologies: The Implications of Decarbonisation in the Indo-Pacific for Australia’s Strategic Interests”. Institute for Climate, Energy and Disaster Solutions (ICEDS), Australian National University. 14 June, 2023. [virtual]
- “The Role and Business Case for Offshore Wind Hydrogen Production in Australia”. Adelphi and the German Federal Ministry for Economic Affairs and Climate Action. 13 June 2023. [virtual]
- Keynote: “Business Responses to Climate Change”. Deep Climate Conversations. Environmental Politics and Governance network. 26 April 2023. [virtual]
- Chair of Session 1: Hydrogen and Ammonia. Australia-China Decarbonisation Roundtable. 19 April 2023. [in person]
- “Australia's Transition to a Green Energy Superpower”. Evidence to the Australian Parliament Joint Standing Committee on Trade and Investment Growth. 31 March 2023. [in person]
- “Regional and International Practices in Offshore Renewable Energy”. APEC 10th Ocean Dialogue. Nha Trang, Vietnam. 23 March 2023. [virtual]
- “Australia and Japan: Technology Partnerships Towards a More Secure Future”. Perth USAsia Centre. 21 March 2023. [virtual]
- Integrated Assessment Modelling Workshop. Institute for Future Initiatives, University of Tokyo. Tokyo, Japan. 27 February 2023. [in person]
- “Japanese Incumbent Technology Strategies: Emissions Implications of Ammonia Co-combustion” Hitachi-University of Tokyo Lab - Workshop on Sustainability Transitions Research. Institute for Future Initiatives, University of Tokyo. Tokyo, Japan. 24 February 2023. [in person]
- “Australian Offshore Wind: Status and Future Prospects” APEC Workshop on Support Offshore Wind Deployment and Grid Connection in APEC Region. 16 February 2023. [virtual]
- “The Reshoring Paradox: Political Incentives, Business Interests, and the State Intervention in Global Supply Chains”. Australian International Political Economy Network Conference. University of Melbourne. 10 February 2023. [in person]
- “Global/regional Market and Economic Trends & the International Security of Supply Chains” Workshop on the International Security of Supply. Energy Studies Institute. National University of Singapore. 13 January 2023. [in person]
- Keynote: Opening Remarks from the Chair. Australia Offshore Wind Conference. Melbourne, Australia. 16 November 2022. [in person]
- Unlocking APAC Wind Power. Future of Energy Week. Economist Impact. 21 September 2022. [virtual]
- Securing Critical Mineral Supply Chains in the Indo-Pacific. National Bureau of Asian Research. 28 July 2022. [virtual]

- Responding to National and Global Energy and Climate Challenges: Policy and Innovation. Australia-Indonesia in Conversation. University of Melbourne. 20 July 2022. [virtual]
- Offshore wind power as a long term decarbonisation option. Global Energy Transition and Energy Trade Following Russia's Invasion of Ukraine. Australian National University. Canberra, Australia. 23 May 2022. [in person]
- Australia-China Decarbonisation Roundtable. Australia China Business Council and Australian National University. Melbourne, Australia. 16 March 2022. [in person]
- Global Leadership or Status Quo Proponent: Japan at COP 26. Institute of Asian Research. University of British Columbia. 10 March 2022. [virtual]
- Offshore Wind Market Outlook Japan. Norwegian Energy Partners (NORWEP). 4 March 2022. [virtual]
- Offshore Wind Power in Europe & Asia: Is a Single Regulatory Model Emerging? Supported by the Strategic Partnership for the Implementation of the Paris Agreement (SPIPA) Program, European Commission. 23 February 2022. [virtual]
- Governing Offshore Wind in the Asia-Pacific: Emerging Regulatory Frameworks. Australia and New Zealand Public Policy Network Conference 2022. Monash University. 2 February 2022. [virtual]
- Introduction: Economic Opportunities from Offshore Wind Power: Lessons from the European Lead Market. Supported by the Strategic Partnership for the Implementation of the Paris Agreement (SPIPA) Program, European Commission. 29 November 2021. [virtual]
- "Taiwan & the Energy Transition". Australian Institute for International Affairs. 24 November 2021. [virtual]
- "Sustainability and ESG (Environment, Social, and Corporate Governance)". Australia-Japan Youth Dialogue 21 November 2021. [virtual]
- "Industry Leaders Roundtable: Japan's Offshore Wind Market." Global Offshore Wind 2021 Conference. London UK. 29 September 2021. [virtual]
- "Economic Opportunities from Offshore Wind Power: The Role of Industry Clusters" Strategic Partnership for the Implementation of the Paris Agreement Program, European Commission. 17 September 2021. [virtual]
- "Japan's Net Zero Carbon Emissions Announcement: What Happens Now?" Japan Update 2021. 8 September 2021. [virtual]
- "Shared interests between Australia, Germany and Japan in the Low Carbon Hydrogen Transition" Konrad Adenauer Stiftung Trilateral Australia, Germany and Japan: The Era of Hydrogen Economies. 15 July 2021. [virtual]
- "Japan's Net Zero Carbon Emissions Announcement: What Happens Now?" ANU Japan Institute. 12 May 2021. [virtual]
- "The Change is On: Global Opportunities and Strategies for QLD Business." Queensland Business & Climate Roundtable. 20 April 2021. [virtual]
- "Australia's Hydrogen Strategy" Energy Research Institute Network (ERIN), Economic Research Institute for ASEAN and East Asia (ERIA). 10 March 2021. [virtual]
- "Japan's Net Zero Carbon Emissions Announcement: What Happens Now?" Australian Institute for International Affairs. 9 February 2021. [virtual]
- "Green Hydrogen Strategies: Perspectives from Europe and Australia", Stiftung Wissenschaft und Politik (SWP) and the Crawford School of Public Policy, Australian National University. 4 November 2020. [virtual]
- "Electric and Fuel Cell Vehicles: Four Facts and One Question", Energy Research Institutes Council for Australia (ERICA) State of Energy Research Conference, Canberra, Australia. 4 July 2019. [in person]
- "Sustainable Energy Policy in the Asia-Pacific", Otago Foreign Policy School. Dunedin, NZ. 29 June 2019. [in person].
- "Energy Security & Climate Change: How to Promote Regional Stability", Mansfield-CIIS Forum. Beijing, PRC. 14 June 2019. [in person]
- Keynote: "Japan and Australia: Contrasting Energy Transitions," School of Energy Resources Speaker Series, University of Wyoming. Laramie, WY. 12 April 2019. [in person]
- Keynote: "The Impact of Renewable Energy on Japan's Future" Atsumi International Foundation, Sekiguchi Global Research Association (SGRA) & International House of Japan Asia Pacific Young Leaders Program (APYLP). Tokyo, Japan. 3 February 2019. [in person]
- "Japanese Energy Policy after Fukushima: Running Hard to Stand Still?" SOAS. London, UK. 25 January 2019. [in person]

- “Japanese Energy Policy after Fukushima: Running Hard to Stand Still?” Science Policy Research Unit (SPRU), University of Sussex. London, UK. 24 January 2019. [in person]
- “Global Interdependence in Energy Transitions: Offshore Wind in the Asia-Pacific” Mercator Research Institute on Global Commons & Climate Change. Berlin, Germany. 21 January 2019. [in person]
- “Standards Competition in Electric Vehicle Charging: Causes and Prognosis” ETH Zurich. Zurich, Switzerland. 16 January 2019. [in person]
- “Japan’s Renewable Energy Challenges” Taiwan Research Institute, Taipei, Taiwan, 5 December 2018. [in person].
- “Japanese Energy Policy after Fukushima: Running Hard to Stand Still?” Victoria University, Wellington (Wellington, NZ), 8 June 2018. [in person]
- “Couldn’t Stand the Weather: The Effect of Extreme Weather Events on Climate Change Concern,” Victoria University, Wellington (Wellington, NZ), 7 June 2018. [in person]
- “Policy Competition in Clean Technology: Scaling Up or Innovating Up?” International Studies Association Annual Conference, (San Francisco, CA), 5 April 2018. [in person]
- “Climate and Resource Security: How Does Climate Change Affect the Political Landscape in Australia, Europe and the Asia-Pacific Region?” for Inaugural Energy Policy Dialogue: Australia, Europe and the Asia-Pacific Region on Global Energy Security and Climate Change, Konrad Adenauer Stiftung (Canberra, Australia), 27 March 2018. [in person]
- “The Changing Climate and our Energy Future,” Australia–Japan Youth Dialogue (Melbourne, Australia), 28 July 2017. [in person]
- “Renewable Energy in Japan: Opportunities and Constraints,” Maureen and Mike Mansfield Foundation (Washington DC, USA), 8 June 2017. [in person]
- “The Status of Japan’s Energy System Transformation,” Institute for Advanced Sustainability Studies (Potsdam, Germany), 29 June 2016. [in person]
- “Couldn’t Stand the Weather: The Effect of Extreme Weather Events on Climate Change Concern,” Institute for Advanced Sustainability Studies (Potsdam, Germany), 21 June 2016. [in person]
- “Track Special Session: Fostering Innovation and Industrial Development in Globalized Innovation Systems,” EU-SPRI 2016 Annual Conference, University of Lund (Lund, Sweden), 9 June 2016. [in person]
- “Couldn’t Stand the Weather: The Effect of Extreme Weather Events on Climate Change Concern,” University of Sydney (Sydney, Australia), 24 September 2015. [in person]
- “Salient Green: Explaining EU and Japanese Responses to Rising Chinese Solar Imports,” Energy Change Institute, Australian National University (Canberra, Australia), 20 August 2015. [in person]
- “Lead Markets, Vertical Specialization, and Standards Competition in Electric Vehicles,” Walter H. Shorenstein Asia-Pacific Research Center, Stanford University (Palo Alto, CA), 11 August 2015. [in person]
- “Couldn’t Stand the Weather: The Effect of Extreme Weather Events on Climate Change Concern,” University of New South Wales (Sydney, Australia), 25 July 2015. [in person]
- “The Politics of Green Protectionism: EU, US, and Japanese Responses to Rising Chinese Solar Imports,” Institute for Energy Economics Japan (IEEJ), (Tokyo, Japan), 5 November 2014.
- “The Politics of Green Protectionism: Explaining EU and Japanese Responses to Rising Chinese Solar Imports,” Forschungszentrum für Umweltpolitik (Environmental Policy Research Centre), Freie Universität (Berlin, Germany), 5 August 2014.
- “The Politics of Green Protectionism: Explaining EU and Japanese Responses to Rising Chinese Solar Imports,” Elliott School of International Affairs (Washington, DC), 7 May 2014.
- “Climate Change, Institutions, and Conflict,” ISA ISSS-ISAC 2013 (Washington, DC), 7 October 2013
- “Interests, Institutions, and the Political Economy of Climate Policy: A General Theory,” Georgetown Energy and Climate Policy Research Seminar (Washington, DC), 24 April 2013.
- “Japan’s Standards Strategy in Electric Vehicles,” East-West Center (Washington, DC), 11 February 2013.
- Japan & Korea Segment, “24 Hours of Reality” Event on Climate Change, Climate Reality Project (New York, NY), 13 November 2012.
- The Business of Climate: The Emergence of Green Industrial Policy in Comparative Perspective,” Tokyo Foundation, (Tokyo, Japan), 13 July 2012.

“The Business of Climate: The Emergence of Green Industrial Policy in Comparative Perspective,” Washington Southeast Regional Japan Seminar, (Washington, DC), 28 April 2012.

“Challenges and Recommendations for U.S. and Japan Trade and Economic Policy,” at Conference on The Future of Economic and Trade Power: Challenges and Opportunities for the U.S.-Japan Alliance, Center for a New American Security (CNAS) and the Japan Institute of International Affairs (JIIA), (Tokyo, Japan) 15 December 2011.

“Fukushima and the Prospects for Nuclear Power,” Freie Universität, (Berlin, Germany), 7 November 2011.

“Climate Change: China & the Scope for US-Japan Cooperation,” New York Retreat Seminar “China and the Asia-Pacific Region” (New York, NY), 4 March 2011.

Panel Chair and Discussant, “The Political Economy of Climate Change,” American Political Science Association Annual Meeting (Washington, DC), September 4, 2010.

“The Politics of Climate Change in the US and Asia,” US-China Education Trust (Washington, DC), August 24, 2010 (with Sarah Laidlaw, CSIS, and Ruth Greenspan Bell, World Resources Institute).

“Climate Change and the Democratic Party of Japan,” for Roundtable: The Impact of Japan’s 2009 Elections on Foreign Policy, Association for Asian Studies Annual Meeting (Philadelphia, PA), March 27, 2010 (with Kazuhiko Togo, Rust Deming, Thomas Berger).

“Climate Change and the Democratic Party of Japan,” Georgetown University (Washington, DC), March 18, 2010.

“The Politics of Climate Change in Asia Roundtable,” Center for Strategic and International Studies (Washington, DC), February 9, 2010.

“What Could California Learn From Japan?,” National Public Radio (NPR) program on Japan’s energy efficiency policies, August 10, 2009 (broadcast October-December 2009 on “Marketplace” and elsewhere).

“Climate Converts: Bureaucratic Interests & Spending in Energy Research, Development and Deployment,” Shorenstein Asia-Pacific Research Center, Stanford University (Palo Alto, CA), June 19, 2009.

“Regional Cooperation in Energy in the Asia-Pacific: Prospects and Positive Externalities?” Center for the Study of Asia, Boston University (Boston, MA), March 1, 2009.

“US-Japanese Cooperation in Energy, Environment, and Climate Change,” Japan Center for International Exchange (JCIE) project on the “New Agenda for US-Japan Partnership” initiative (New York, NY, Tokyo, Japan), February 25, 2008 and January 9-12, 2009.

Resource market governance:

Panel chair, International Energy Agency World Energy Outlook 2018: Special Report on producer economies, ANU Energy Change Institute, Energy Update 2018 (Canberra, Australia) November 29, 2018.

“Economic Engagement – Trade, Business, and Investment – Energy,” Australia and the United States: An Alliance for the 21st Century, Center for Strategic and International Studies and US Studies Center (Sydney, Australia), August 22, 2017.

“Oil and Gas,” “Boom Bust Cycles in Resource Markets,” “Natural Resources and Coercion,” Foreign Area Officers Training Program, Elliott School of International Affairs, George Washington University (Washington, DC), June 5-7, 2017.

“Non-Renewable Resource Scarcity Theory and Peak Oil,” Mineral and Energy Economics (M&EE) course for Australia Awards Africa (Canberra, Australia), March 31, 2017.

“Comments: “What the Petroleum Industry can do About Climate Change,”” Energy Change Institute, Australian National University (Canberra, Australia), August 2, 2016.

“Regionalism and Global Energy Markets,” Freie Universität (Berlin, Germany), April 27, 2016.

“Rare Earth and Geopolitics: Security Implications of Rare Earth Elements,” Perth USAsia Centre, (Perth, Australia), October 29, 2014.

“Globalizing Oil: Explaining US Oil Market Governance,” Centre for Energy, Petroleum and Mineral Law & Policy, University of Dundee (Dundee, Scotland), June 17, 2014.

“Firm-Government Relations in National Oil Companies: A Principal-Agent Approach,” International Studies Association Annual Meeting (Toronto, Canada), March 29, 2014.

- “Industry Segmentation and the Market for Protection: Evidence from Congressional Policy-making in the Oil Sector (with Pablo Pinto, Columbia University), International Political Economy Society Annual Meeting (Claremont, CA), October 30, 2013.
- “Japan’s Radical Incrementalism in Energy,” Georgetown University, April 19, 2013.
- “Industry Segmentation and the Market for Protection: Evidence from Congressional Policy-making in the Oil Sector (with Pablo Pinto, Columbia University), Midwest Political Science Association Annual Meeting (Chicago, IL), April 13, 2013.
- “The Effect of Structural Changes in the International Oil Market on National Security” University of Chicago (PISP) (Chicago, IL), November 4, 2012.
- “Japan’s Energy Mix – The End of Quiet Politics” The Brookings Institution (Washington DC), October 5, 2012.
- “The Effect of Structural Changes in the International Oil Market on National Security” OCIS IV (Sydney, Australia), July 19, 2012.
- “Increasing Returns, Firm Heterogeneity, and Economic Liberalization: Evidence from Oil Markets” Judith Reppy Institute for Peace and Conflict Studies, Cornell University (Ithaca, NY), February 2, 2012.
- “The Role of the United States and Japan in Meeting Common Energy Challenges: Trans-Pacific Cooperation for Innovation, Conservation, and Energy,” Center for a New American Security (CNAS) and the Japan Institute of International Affairs (JIIA), (Tokyo, Japan), December 14, 2011.
- Discussant: “India’s Energy Security Challenges: An Insider’s View” by Sudha Mahalingam, Member, India’s Petroleum and Natural Gas Regulatory Board, George Washington University (Washington DC), December 1, 2011.
- “Drill Baby Drill! The Correlates of “Energy Independence” in the United States” International Political Economy Society Annual Conference (Madison, Wisconsin), November 12, 2011.
- “Resource Nationalism in the Asia-Pacific: Why Does it Matter?” The 2011 Energy Security Report Briefing, Bureau of Intelligence and Research, U.S. State Department, (Washington D.C.), September 21, 2011.
- “Prospects for Conflict and Cooperation on Energy & Environmental Security,” The Okinawa Question: Regional Security, The US-Japan Alliance, And Futenma, Elliott School of International Affairs (Washington D.C.), September 19, 2011.
- “Domestic Political Change and Implications for U.S.-Japan Relations: Energy and Environment,” German Marshall Fund of the United States (Washington D.C.), September 16, 2011.
- “Increasing Returns, Firm Heterogeneity, and Economic Liberalization: Evidence from Oil Markets” American Political Science Annual Conference (Seattle, WA), March 15, 2011.
- “Asia’s Rising Energy and Resource Nationalism: Implications for the United States, China, and the Asia-Pacific Region” National Bureau of Asian Research (NBR) Energy Security Flagship Conference 2011 (Washington, D.C.), May 4, 2011.
- “Increasing Returns, Firm Heterogeneity, and Economic Liberalization: Evidence from Oil Markets” International Studies Association Conference (Montreal, Canada), March 15, 2011.
- “Drill Baby Drill! The Correlates of “Energy Independence” in the United States” International Studies Association Conference (Montreal, Canada), March 16, 2011.
- “The Limits of Liberalism? The Political Economy of Oil in Japan and France” Society for the Advancement of Socio-Economics Annual Conference 2010 (Philadelphia, PA), June 25, 2010.
- “Geopolitics of Energy: Looking Forward,” The Geopolitics of Energy Seminar Series, John F. Kennedy School of Government, Harvard University (Boston, MA), April 29, 2009.
- “Introductory Remarks: China, India and the “quest for oil”: Supply Security Strategy or Market Behavior?” for Governing Global Oil in the 21st Century: Trends, Challenges and Policy Implications for the Transatlantic Alliance Global Public Policy Institute (Washington, D.C.) April 3, 2009.
- “Energy Security and Liberalization: Political and Bureaucratic Preferences and Japanese Petroleum Policy,” International Studies Association Conference (New York, NY), February 16, 2009.
- “Major Oil Consumers: the Case of Japan,” for Energy, National Security, and the Persian Gulf Workshop, Security Studies Program, Massachusetts Institute of Technology, (Cambridge, MA), February 23, 2008.
- Chair/Discussant, “Imperialism, Power and Energy,” Northeast Political Science Association-International Studies Association Northeast Joint Annual Regional Conference, (Philadelphia, PA), November 16, 2007.

“What Are Strategic Resources? Examining the Price Elasticity of Strategic Policy Intervention in Petroleum Markets in Japan,” Northeast Political Science Association-International Studies Association Northeast Joint Annual Regional Conference, (Philadelphia, PA), November 16, 2007.

“Working Session: The Race for Upstream Acquisitions: How Does it Affect Security of Supply?” for Energy Dragons Rising: Global Energy Governance and the Rise of China and India, Global Public Policy Institute, (Berlin, Germany), January 18, 2007.

“Procuring East Asia’s International Supplies of Energy,” China and East Asia Energy Issues Conference, East Asian Bureau of Economic Research, Australian National University, (Canberra, Australia), August 29, 2006.

“Petroleum: Commodity or Strategic Resource?,” Institute for Energy Economics Japan, (Tokyo, Japan), July 12, 2006.