PAUL BURKE

Associate Professor
Arndt-Corden Department of Economics, Crawford School of Public Policy
Australian National University
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EDUCATION

PhD in Economics, Australian National University (ANU), 2010

Bachelor of Agricultural Economics (Honours I, University Medal), University of Sydney, 2003

RESEARCH FIELDS

Energy economics; environmental economics; transport economics; development economics; Asia-Pacific economies

PUBLICATIONS

Journal articles

1. Burke, Paul J. and Do, Thang N. In press. Greening Asia's economic development. *Asian Economic Policy Review*.

2. Best, Rohan, Burke, Paul J., and Nishitateno, Shuhei. 2021. Factors affecting renters' electricity use: More than split incentives. *The Energy Journal* 42(5).

3. Zhang, Tong and Burke, Paul J. 2020. The effect of fuel prices on traffic flows: Evidence from New South Wales. *Transportation Research Part A: Policy and Practice* 141, 502–522.

4. Best, Rohan, Burke, Paul J., and Jotzo, Frank. 2020. Carbon pricing efficacy: Cross-country evidence. *Environmental and Resource Economics* 77(1), 69–94.

5. Best, Rohan and Burke, Paul J. 2020. Energy mix persistence and the effect of carbon pricing. *Australian Journal of Agricultural and Resource Economics* 64(3), 555–574.

6. Do, Thang N., Burke, Paul J., Baldwin, Kenneth G.H., and Nguyen, Chinh T. 2020. Underlying drivers and barriers for solar photovoltaics diffusion: The case of Vietnam. *Energy Policy* 144, 111561.

7. Nishitateno, Shuhei and Burke, Paul J. 2020. Have vehicle registration restrictions improved urban air quality in Japan? *Contemporary Economic Policy* 38(3), 448–459.

8. Best, Rohan and Burke, Paul J. 2019. Is there regional lock-in of unemployment rates in Australia? *Australian Journal of Labour Economics* 22(2), 93–116.

9. Best, Rohan, Burke, Paul J., and Nishitateno, Shuhei. 2019. Evaluating the effectiveness of Australia's Small-scale Renewable Energy Scheme for rooftop solar. *Energy Economics* 84, 104475.

10. Best, Rohan and Burke, Paul J. 2019. Factors contributing to energy-related financial stress in Australia. *Economic Record* 95(311), 462–479.

11. Burke, Paul J. and Siyaranamual, Martin D. 2019. No one left behind in Indonesia? *Bulletin of Indonesian Economic Studies* 55(3), 269–293.

12. Best, Rohan, Burke, Paul J., and Nishitateno, Shuhei. 2019. Understanding the determinants of rooftop solar installation: Evidence from household surveys in Australia. *Australian Journal of Agricultural and Resource Economics* 63(4), 922–939.

13. Burke, Paul J., Widnyana, Jinnie, Anjum, Zeba, Aisbett, Emma, Resosudarmo, Budy, and Baldwin, Kenneth G.H. 2019. Overcoming barriers to solar and wind energy adoption in two Asian giants: India and Indonesia. *Energy Policy* 132, 1216–1228.

14. Best, Rohan and Burke, Paul J. 2019. Fuel prices and road accident outcomes in New Zealand. *New Zealand Economic Papers* 53(2), 109–124.

15. Best, Rohan and Burke, Paul J. 2019. Macroeconomic impacts of the 2010 earthquake in Haiti. *Empirical Economics* 56(5), 1647–1681.

16. Teng, Meixuan, Burke, Paul J., and Liao, Hua. 2019. The demand for coal among China's rural households: Estimates of price and income elasticities. *Energy Economics* 80, 928**–**936.

17. Burke, Paul J., Best, Rohan, and Jotzo, Frank. 2019. Closures of coal-fired power stations in Australia: Local unemployment effects. *Australian Journal of Agricultural and Resource Economics* 62(1), 142–165.

18. Burke Paul J., Stern, David I., and Bruns, Stephan B. 2018. The impact of electricity on economic development: A macroeconomic perspective. *International Review of Environmental and Resource Economics* 12(1), 85–127.

19. Best, Rohan and Burke, Paul J. 2018. Electricity availability: A precondition for faster economic growth? *Energy Economics* 74, 321–329.

20. Burke, Paul J. and Teame, Ataklti. 2018. Fuel prices and road deaths in Australia. *Economic Papers* 37(2), 146–161.

21. Best, Rohan and Burke, Paul J. 2018. Adoption of solar and wind energy: The roles of carbon pricing and aggregate policy support. *Energy Policy* 118, 404–417.

22. Burke, Paul J. 2018. Metal footprint linked to economy. *Nature Geoscience* 11, 224–225.

23. Burke, Paul J. and Kurniawati, Sandra. 2018. Electricity subsidy reform in Indonesia: Demand-side effects on electricity use. *Energy Policy* 116, 410–421.

24. Burke, Paul J. and Abayasekara, Ashani. 2018. The price elasticity of electricity demand in the United States: A three-dimensional analysis. *The Energy Journal* 39(2), 123–145.

25. Stern, David I., Gerlagh, Reyer, and Burke, Paul J. 2017. Modeling the emissions-income relationship using long-run growth rates. *Environment and Development Economics* 22(6), 699–724.

26. Burke, Paul J., Batsuuri, Tsendsuren, and Yudhistira, Muhammad Halley. 2017. Easing the traffic: The effects of Indonesia's fuel subsidy reforms on toll-road travel. *Transportation Research Part A: Policy and Practice* 105, 167–180.

27. Best, Rohan and Burke, Paul J. 2017. The importance of government effectiveness for transitions toward greater electrification in developing countries. *Energies* 10(9), 1247.

28. Burke, Paul J. and Yang, Hewen. 2016. The price and income elasticities of natural gas demand: International evidence. *Energy Economics* 59, 466–474.

29. Burke, Paul J. 2016. Undermined by adverse selection: Australia's Direct Action abatement subsidies. *Economic Papers* 35(3), 216–229.

30. Burke, Paul J. and Csereklyei, Zsuzsanna. 2016. Understanding the energy-GDP elasticity: A sectoral approach. *Energy Economics* 58, 199–210.

31. Burke, Paul J. and Liao, Hua. 2015. Is the price elasticity of demand for coal in China increasing? *China Economic Review* 36, 309–322.

32. Burke, Paul J., Shahiduzzaman, Md, and Stern, David I. 2015. Carbon dioxide emissions in the short run: The rate and sources of economic growth matter. *Global Environmental Change* 33, 109–121.

33. Gao, Yi-Xuan, Liao, Hua, Burke, Paul J., and Wei, Yi-Ming. 2015. Road transport energy consumption in the G7 and BRICS: 1973–2010. *International Journal of Global Energy Issues* 38(4/5/6), 342–356.

34. Burke, Paul J. and Nishitateno, Shuhei. 2015. Gasoline prices and road fatalities: International evidence. *Economic Inquiry* 53(3), 1437–1450.

35. Paudel, Ramesh C. and Burke, Paul J. 2015. Exchange rate policy and export performance in a landlocked developing country: The case of Nepal. *Journal of Asian Economics* 38, 55–63.

36. Burke, Paul J. and Dundas, Guy. 2015. Female labor force participation and household dependence on biomass energy: Evidence from national longitudinal data. *World Development* 67, 424–437.

37. Burke, Paul J. 2014. Green pricing in the Asia Pacific: An idea whose time has come? *Asia & the Pacific Policy Studies* 1(3), 561–575.

38. Pezzey, John C.V. and Burke, Paul J. 2014. Towards a more inclusive and precautionary indicator of global sustainability. *Ecological Economics* 106, 141–154.

39. Nishitateno, Shuhei and Burke, Paul J. 2014. The motorcycle Kuznets curve. *Journal of Transport Geography* 36, 116–123.

40. Burke, Paul J. 2013. The national-level energy ladder and its carbon implications. *Environment and Development Economics* 18(4), 484–503.

41. Burke, Paul J. and Nishitateno, Shuhei. 2013. Gasoline prices, gasoline consumption, and new-vehicle fuel economy: Evidence for a large sample of countries. *Energy Economics* 36, 363–370.

42. Jayasuriya, Dinuk S. and Burke, Paul J. 2013. Female parliamentarians and economic growth: Evidence from a large panel. *Applied Economics Letters* 20(3), 304–307.

43. Burke, Paul J. and Resosudarmo, Budy P. 2012. Survey of recent developments. *Bulletin of Indonesian Economic Studies* 48(3), 299–324.

44. Burke, Paul J. 2012. Climbing the electricity ladder generates carbon Kuznets curve downturns. *Australian Journal of Agricultural and Resource Economics* 56(2), 260–279.

45. Jotzo, Frank, Burke, Paul J., Wood, Peter J., Macintosh, Andrew, and Stern, David I. 2012. Decomposing the 2010 global carbon dioxide emissions rebound. *Nature Climate Change* 2(4), 213–214.

46. Burke, Paul J. 2012. Economic growth and political survival. *B.E. Journal of Macroeconomics* 12(1), 1–43.

47. Burke, Paul J. and Leigh, Andrew. 2010. Do output contractions trigger democratic change? *American Economic Journal: Macroeconomics* 2(4), 124–157.

48. Burke, Paul J. 2010. Income, resources, and electricity mix. *Energy Economics* 32(3), 616–626.

49. Burke, Paul J. and Ahmadi-Esfahani, Fredoun Z. 2006. Aid and growth: A study of South East Asia. *Journal of Asian Economics* 17(2), 350–362.

50. McCarty, Adam and Burke, Paul. 2005. Burma/Myanmar: Reconciliation without capitulation. *Harvard Asia Pacific Review* 8(1), 28–32.

– Data and econometrics commands downloadable from my webpage –

Book reviews

1. Burke, Paul J. 2019. Book review: Fiscal Policies for Development and Climate Action, Miria A. Pigato (ed), World Bank, Washington, DC, 2019. *Bulletin of Indonesian Economic Studies* 55(2), 263–264.

2. Burke, Paul J. 2015. Book review: The Greening of Asia: The Business Case for Solving Asia's Environmental Emergency, Mark L. Clifford, Columbia Business School Publishing, New York, 2015. *Asian-Pacific Economic Literature* 29(2), 97–98.

3. Burke, Paul J. 2012. Book review: One Goal, Two Paths: Achieving Universal Access to Modern Energy in East Asia and the Pacific, World Bank, Washington, DC, 2011. *Asian-Pacific Economic Literature* 26(2), 167–168.

4. Burke, Paul J. 2011. Book review: The Changing Wealth of Nations: Measuring Sustainable Development in the New Millennium, World Bank, Washington, DC, 2011. *Bulletin of Indonesian Economic Studies* 47(2), 286–288.

5. Burke, Paul and McCarty, Adam. 2005. Book review: Economic Growth, Poverty, and Household Welfare in Vietnam, Glewwe, Paul, Agrawal, Nisha, and Dollar, David (eds), World Bank, Washington, DC, 2004. *Asian-Pacific Economic Literature* 19(1), 73–75.

TEACHING

Lecturer, ANU: IDEC8089 *Energy Economics* (Master/PhD), 2019– (each year)

Lecturer, ANU: IDEC8029 *Issues in Applied Microeconomics* (Master), 2018– (each year)

Lecturer, ANU: IDEC8053 *Environmental Economics* (Master/PhD), 2013–2017 (each year)

Lecturer, ANU: IDEC8016 *Microeconomic Analysis and Policy* (Master), 2011–2015 (each year)

Guest Lecturer, ANU: IDEC8011 *Masters Research Essay* (Master), 2013–2019 [1 lecture each year; 2 in 2017, 2019]

Guest Lecturer, ANU: POGO8500 *Evidence and Analysis in Public Policy* (short lecture, 2019)

Visiting Lecturer, Beijing Institute of Technology: *Research Frontier of Energy and Environmental Policy*, 2019, 2017, 2013

Guest Lecturer, ANU Centre for Continuing Education, 2018– (each year)

Guest Lecturer, University of Münster, 2017

Guest Lecturer, ANU: CRWF8000 *Government, Markets and Global Change* (Master), 2017

Guest Lecturer, ANU: IDEC8089 *Energy Economics* (Master/PhD), 2012–2017 [1 lecture each year]

Guest Lecturer, ANU: POGO8016 *Economic Way of Thinking I* (Graduate Diploma), 2008 [2 lectures]

Teaching Assistant, ANU: POGO8081 *Economics for Government* (Master), 2008

Lecturer, National Economics University (NEU), Vietnam: *Master in Development Economics Preparation Course* (pre-Master), 2004

Course Coordinator, NEU: *Seminar Series Subject* (Master), 2003–2004

Teaching Assistant, NEU: *Research Methodology*; *Vietnam and Regional Development; Project Proposal Development* (Master; 3 courses), 2003–2004

Tutor, University of Sydney: AGEC1001 *Economic Environment of Australian Agriculture 1A* (undergraduate), 2002

EXECUTIVE EDUCATION (various agencies and participants)

Energy Economics: Jun 20, May 20, May 19, Nov 17, May 17, Jun 16, May 16, Aug 15, Jun 15, May 14, Jul 11

Economics: Feb 19; Nov 17; Jul 17; May 16; Oct 15

Environmental Economics for Non-Economists: Jun 17, Jan 17, Jul 16, Sep 15, Jun 15, Aug 14, Jun 14, Apr 14, Jun 13, Apr 13 (*2), Nov 12, May 12 (*2)

Resource Economics: Apr 13, May 12, Aug 11

Mineral and Energy Economics (Australia Award program): Multiple sessions in 17 and 18

STUDENT SUPERVISION

ANU PhD panel membership:
Ongoing and yet to submit (6): Zeba Anjum[b], **Debasish Das[b]**, Mara Hammerle[a], Chitra Septyandrica[b], Wanissa Suanin[b], Tong Zhang[a]

Submitted:

1. Alongkorn Tanasritunyakul[b] (Submitted in 2020; *Asian Export Performance: Diversification, Product Variety, and Productivity*)

Graduated:

1. Chi Hoong Leong (2020; *Willingness-to-pay for Noise Abatement in Singapore*; Job: Ministry of the Environment & Water Resources, Singapore)[b]
2. Donny Pasaribu (2020; *The Dutch Disease, Natural Resource Booms and Policy Adjustments: The Case of Indonesia*; Job: ANU Tutor)[b]
3. Anna Falentina (2019; *Micro, Small Enterprises (MSEs) and Welfare in Indonesia*; Job: Statistics Indonesia)[b]
4. Panittra Ninpanit (2019; *Economic Analysis of Energy Use and Environmental Impacts in Thailand*; Job: Office of the National Economic and Social Development Board, Thailand)[b]
5. Kurnya Roesad (2019; *Barriers to Renewable Energy Investment in the Indonesian Power Sector*; Job: Global Green Growth Institute)[b]
6. Kimlong Chheng (2018; *Food Insecurity in Developing Economies: International and Cambodian Evidence*; Job: Consulting)[b]
7. Rohan Best (2017; *Energy and Economic Development: Underlying Macroeconomic and Institutional Factors*; Job: Macquarie University)[a]
8. Alrick Campbell (2017; *Oil and Electricity in Small Island Developing States: Unmasking the Risks and Opportunities*; Job: University of the West Indies)[b]
9. Matthew McKay (2016; *Patterns of World Trade: An Application of Network Complexity Analysis*; Job: ANU)[b]
10. Rajan Panta (2016; *Essays on the Economic Consequences of Remittances*; Job: Central Bank of Nepal)[b]
11. Ryan Edwards (2016; *Natural Resource Sectors and Human Development: International and Indonesian Evidence*; Job: Dartmouth College)[a]
12. Tuan Phan (2015; *Empirical Essays on Monetary Policy and Transmission*; Job: Department of the Environment and Energy, Australia)[a]
13. Marcel Schröder (2014; *Real Exchange Rates and Foreign Assets: Three Essays*; Job: Lebanese American University)[b]
14. Fahad Khan (2014; *Three Essays on Determinants and Impact of Institutional Quality*; Job: Asian Development Bank)[b]
15. Acram Latiph (2014; *What's Wrong with Mindanao? The Unequal Development in the Philippines*; Job: Mindanao State University)[b]
16. Ramesh Paudel (2014; *Growth and Export Performance of Developing Countries: Is Landlockedness Destiny?*; Job: consulting)[b]
17. Hemantha Ekanayake (2012; *Essays on Fiscal-Monetary Interdependence*; Job: Central Bank of Sri Lanka)[b]
18. Shuhei Nishitateno (2011; *Global Production Sharing in the Automobile Industry: The Case of Japan*; Job: Kwansei Gakuin University)[b]

[a]: Chair of panel; [b]: Panel member

Other ANU student supervision:

IDEC8011 *Masters Research Essay* (2020 [2 students], 2019 [4 students], 2018, 2017 [2 students], 2016 [6 students], 2015 [2 students], 2014 [2 students], 2013 [1 student])

EMET8002 *Case Studies in Applied Economic Analysis and Econometrics* (2018, 2017 [2 students], 1 student in each of 2012, 2011, 2010)

GRANTS/FUNDING

1. Australasian Development Economics Workshop, Department of Foreign Affairs and Trade, 2019–2021 ($165,000)
2. ANU Grand Challenge Scheme, 2018 ($10 million, as part of a team led by Kenneth Baldwin)
3. Australian-German Energy Transition Hub, 2017 (multi-million dollar, as part of a large team led at ANU by Frank Jotzo. I served as co-lead for a module named 'Economic and policy frameworks for a low-carbon energy transition'. Funding from the Australian and German governments)
4. National Natural Science Foundation of China, 2016–2020. Project led by Hua Liao (¥510,000)
5. Discovery Early Career Researcher Award, Australian Research Council, 2016–2018 ($370,000)
6. Australian Government grant: 'Australia-China Research Program on Market Mechanisms for Climate Change Policy', 2013–2014. Project led by Frank Jotzo ($305,000; $20,300 for my component)
7. ANU Research School of Asia & the Pacific: 3 grants (2014: $14,970; 2012: $5,000; 2011: $5,000)
8. ANU Travel Grants: 2014 ($1,500); 2011 ($1,820)

EMPLOYMENT

Associate Professor and Deputy Head**,** Arndt-Corden Department of Economics, Crawford School of Public Policy, ANU, Jan 19–

Fellow, Arndt-Corden Department of Economics, Crawford School of Public Policy, ANU, Jan 14–Dec 18

Research Fellow, Arndt-Corden Department of Economics, Crawford School of Public Policy, ANU, Jun 10–Dec 13

Research Assistant, Fenner School of Environment and Society, ANU, Jan 08–May 10

Research Assistant, Research School of Social Sciences (RSSS), ANU, Jan–Feb 09

Teaching Assistant, Crawford School of Public Policy, ANU, Feb–Jun 08

Economist and **Projects Director**, Mekong Economics Ltd, Vietnam, Nov 04–Dec 05, Oct–Dec 06
Project management and research for development-sector research projects for the World Bank, AusAID, DFID, JBIC, United Nations, other aid donors, the Ministry of Education and Training, Ministry of Planning and Investment, and Ministry of Transport (project list available on request)

Economist, Ministry of Finance and Planning, Government of Tonga, Jan–Sep 06
Prepared policy briefs, contributed to national strategic plan, participated in monitoring and evaluation exercises, and conducted research on economic issues facing Tonga

Researcher, AUSTCARE, Sydney, Sep–Oct 04
Participated in monitoring and evaluation of development projects in Cambodia, and assisted to prepare a successful AusAID funding application

Economist, Vietnam-Netherlands Master in Development Economics (MDE) Program, National Economics University (NEU), Vietnam, Sep 03–Sep 04
Lectures and tutorials, thesis supervision, organised seminars, and secured scholarship funding

Tutor, Department of Agricultural and Resource Economics, University of Sydney, Mar–Jun 02

Economist, Australian Bureau of Agricultural and Resource Economics (ABARE), Jan–Feb 02

Data Analyst, Meat and Livestock Australia, Aug 00–Jul 01

Farm Hand, Darling Mills Farm, Nov 99–Feb 00

Office Assistant, Rescrete Industries, Jan–Feb 99

PROFESSIONAL ACTIVITIES

Other affiliations:
1. Indonesia Project, ANU
2. Energy Change Institute, ANU (Convener of Energy Economics & Policy research cluster)
3. Climate Change Institute, ANU
4. Centre for Climate and Energy Policy (CCEP), ANU
5. Climate Change and Energy Program, Centre for Applied Macroeconomic Analysis (CAMA), ANU
6. Tax and Transfer Policy Institute, ANU
7. Australian Centre on China in the World (CIW), ANU
8. Affiliate, Centre for Development Economics and Sustainability (CDES), Monash University
9. Research Associate, Center for Sustainable Development Goals Studies, Padjadjaran University

Media pieces:
1. Carbon pricing works: the largest-ever study puts it beyond doubt, *The Conversation*, 14 July 2020 (with Frank Jotzo and Rohan Best)
2. The next steps for Vietnam's booming solar sector, *Policy Forum*, 8 July 2020 (with Thang Nam Do).
3. A chance for lift off: Indonesia's solar sector, *Policy Forum*, 16 Jul 2019.
4. Bad news. Closing coal-fired power stations costs jobs. We need to prepare, *The Conversation*, 29 Mar 2019 (with Frank Jotzo and Rohan Best).
5. Cheap petrol pushed up Australia's road death toll, *Austaxpolicy*, 4 Apr 2018.
6. Indonesia's electricity subsidy reforms led to improved efficiency, *The Conversation*, 21 Mar 2018.
7. Fuel excise a good option for Indonesia, *Jakarta Post*, 14 Oct 2017.
8. Indonesia's fuel subsidy cuts prevented even worse traffic jams, *The Conversation*, 2 Oct 2017.
9. Three charts on: the incredible shrinking renewable energy job market, *The Conversation*, 3 Apr 2017.
10. Tackling Australian policy's 'trauma zone': Why the country needs a change of gear on climate policy, *Policy Forum*, 21 Jun 2016.
11. Direct Action not giving us bang for our buck on climate change, *The Conversation*, 16 May 2016.
12. Increasing fuel taxes could save thousands of lives worldwide, *The Conversation*, 13 Nov 2014.
13. Direct Action: wrong way, go back (with Frank Jotzo), *Inside Story*, 17 Mar 2014.
14. Gas guzzlers fuelled by shrinking petrol tax, *The Conversation*, 1 Mar 2013.
15. Indonesia's economy: strong, but not yet green (with Budy P. Resosudarmo), *East Asia Forum*, 20 Sep 2012.
16. Want a strong economy? Elect more women (with Dinuk Jayasuriya), *The Conversation*, 30 May 2012.
17. The emissions rebound after the GFC: why greenhouse gases went up in 2010 (with co-authors), *The Conversation,* 16 Mar 2012.
18. UN sustainability panel says put a price on the environment, *The Conversation,* 6 Feb 2012.
19. Keep calm and carry on: global market chaos shouldn't affect the carbon tax, *The Conversation*, 15 Aug 2011.
20. Why Australia needs a carbon bank, *The Conversation*, 6 Jun 2011.
21. Stuck on the middle rungs, *Climate Spectator*, 25 May 2011.
22. Pricing carbon doesn't mean we will pay more tax, *Canberra Times*, 31 Mar 2011.
23. Too late to go it alone on carbon (with Peter Wood), *Canberra Times*, 11 Oct 2010.

(Some of the above republished elsewhere)

Media: Research/opinion cited in the *Australian Financial Review*, *ABC News*, *Radio National*, *Sydney Morning Herald*, *The Age*, *Adelaide Advertiser*, *The Conversation*, *news.com.au*, *Times of India*, elsewhere. Appeared on *The Drum* (ABC), *The Project* (Channel 10), *Voice of America*, *JJJ*, ++

Submissions:
1. National Hydrogen Strategy Discussion Paper (Mar 19; with ANU colleagues)
2. Inquiry into Progress Under the National Road Safety Strategy 2011–2020 (Mar 18)
3. Review of the Carbon Farming Initiative and the Emissions Reduction Fund (Sep 17)
4. Australia's Review of Climate Change Policies (Apr 17)
5. Senate Inquiry into the Government's Direct Action Plan (Jan 14)

In-person Parliamentary Committee evidence: Inquiry into the Government's Direct Action Plan (Feb 14)

Expert evidence: Environmental Justice Australia (20)

Editorial Board: *Bulletin of Indonesian Economic Studies* (Jan 14–)

Leadership positions: Deputy Head, Arndt-Corden Department of Economics, Crawford School of Public Policy, ANU (2019–); Convener, Energy Economics & Policy Cluster, Energy Change Institute, ANU (2015–); Australasian Development Economics Workshop – Executive Committee (Jun 2017–); ACT Branch President, Australasian Agricultural and Resource Economics Society (AARES; Jan 17–Dec 19)

Journal referee: [167 articles; 71 journals] *Anthropocene Review*; *Applied Economics* (5); *Applied Economics Letters* (3); *ASEAN Economic Bulletin*; *Asian-Pacific Economic Literature* (9); *Asia and the Pacific Policy Studies* (3); *Asian Women*; *American Economic Journal: Economic Policy; Australasian Journal of Environmental Management*; *Australian Economic Review* (3); *Australian Journal of Agricultural and Resource Economics* (9); *Bulletin of Indonesian Economic Studies* (10); *Carbon Management*; *Case Studies on Transport Policy*; *Challenges in Sustainability*; *Climate Policy*; *Ecological Economics* (3); *Economica*; *Economic Inquiry*; *Economic Papers* (4); *Economic Record* (2); *Economics and Business Letters*; *Economics & Politics*; *Economics Bulletin*; *Economics of Transition*; *Empirical Economics* (2); *Energies* (2); *Energy and Climate Change*; *Energy Economics* (15); *Energy Efficiency*; *Energy Journal* (13); *Energy Policy* (17); *Energy Sources, Part B: Economics, Planning, and Policy*; *Energy Strategy Reviews*; *Environmental and Resource Economics* (4); *Environmental Economics and Policy Studies*; *European Journal of Political Economy*; *Environmental Modeling & Assessment*; *Feminist Economics*; *Global Transitions*; *International Economic Review*; *International Journal of Environmental Research and Public Health*; *International Journal of Global Energy Issues* (2); *International Journal of Sustainable Transportation* (2); *Journal of Comparative Economics*; *Journal of Comparative Policy Analysis*; *Journal of Development Economics*; *Journal of Economic Asymmetries*; *Journal of Environmental Planning and Management*; *Journal of Political Economy*; *Journal of the European Economic Association*; *Journal of Sustainability Research*; *Land Economics*; *Middle East Development Journal*; *Natural Resource Modeling*; *Nature Climate Change* (2); *Nature Energy*; *Nature Geoscience*; *Nature Sustainability*; *Population and Environment*; *Regional Science, Policy and Practice*; *Resource and Energy Economics*; *Review of Development Economics*; *Review of Indonesia Economics and Business Studies*; *Research in Transportation Economics*; *Social Science Research*; *Sociological Quarterly*; *Sustainability*; *Transport Policy*; *Transportation Research Part A: Policy and Practice* (2); *Utilities Policy*; *World Development* (2)

Conference referee: International Conference on Indonesian Economy and Development (ICIED), 2017; Australian Agricultural and Resource Economics Society (AARES) 60th Annual Conference, 2016; 23rd Pacific Conference of the Regional Science Association International (RSAI)/ 4th Indonesian Regional Science Association (IRSA) Institute, 2013

Currency review: Earth Systems and Environmental Sciences (online reference database)

Other refereeing: Cambridge University Press book chapter; East Asia Forum (6); Australian Research Council (16); Department of Infrastructure, Regional Development and Cities; Department of Industry, Innovation and Science; Climate Institute; RAND Corporation; Global Subsidies Initiative (2); Book proposals (6)

ANU internal proposal reviews: 4

PhD thesis examination: Curtin University, RMIT, University of Sydney

Master thesis external examination: Monash University

Additional ANU grading and selection committees: Asia Pacific Week, 2014; various ANU selection and prize committees; grading for several ANU research courses

ANU committee membership: Crawford School Strategic Committee (May 20–); Crawford School Research Committee, Jan–Dec 19, Sep 10–Jan 14; Crawford School Student Recruitment Committee, Oct 14–Dec 15

Other committee membership: AARES ACT Branch (Jul 14–); various AARES Awards Committees

Seminar convening: ANU Crawford School Economics PhD Seminar Series, Jul 16–Jun 19, Jan 11–Dec 12; NEU MDE Seminar Series, Sep 03–Sep 04

Lecture convening: HW Arndt Lecture (ANU; Apr 19–)

Conference organising: Australasian Development Economics Workshop (Jun 18); Co-Organiser, Australian-German Energy Transition Hub Virtual Conferences (Mar 19, Mar 18); Co-Organiser, Mini-Symposium at AARES 62nd Annual Conference (Adelaide, Feb 18); Organising Committee and Session Chair, Australian Academy of Science 2012 Australian Frontiers of Science: 'The Green Economy' (Nov 12)

Conference presentations (by invitation): Asian Economic Policy Review Conference (Mar 20); Indonesia Update Conference (ANU, Sep 19, Sep 12)

Conference presentations: 15th Australasian Development Economics Workshop (UWA, Jun 19); Australasian Aid Conference (Feb 19); AARES 63rd Annual Conference (Melbourne, Feb 19); Australian-German Energy Transition Hub Virtual Conference (Mar 18); AARES 62nd Annual Conference (Adelaide, Feb 18, 2 presentations); Australian Conference of Economists (Sydney, Jul 17); 40th Annual IAEE International Conference (Singapore, Jul 17); 13th Australasian Development Economics Workshop (UNSW, Jun 17); AARES 61st Annual Conference (Brisbane, Feb 17); 15th International Convention of the East Asian Economic Association (Bandung, Nov 16); 13th Indonesian Regional Science Association (IRSA) Conference (Brawijaya University, Jul 16); 45th Australian Conference of Economists (Adelaide, Jul 16); Australian Asian Studies Association Biennial Conference (Canberra, Jul 16); AARES 60th Annual Conference (Canberra, Feb 16); 44th Australian Conference of Economists (Brisbane; Jul 15); 4th International Association for Energy Economics (IAEE) Asian Conference (Beijing; Sep 14); International Energy Workshop (Beijing, Jun 14); AARES 58th Annual Conference (Port Macquarie, Feb 14, 2 presentations); 11th International Conference of the Japan Economic Policy Association (Nagoya Gakuin University, Oct 12); 35th IAEE International Conference (Perth, Jun 12); 10th International Conference of the Japan Economic Policy Association (Kwansei Gakuin University, Nov 11); 3rd Indonesian Regional Science Association (IRSA) International Institute (Andalas University, Jul 11); 40th Australian Conference of Economists (Canberra, Jul 11); AARES 55th Annual Conference (Melbourne, Feb 11); 29th United States Association for Energy Economics/IAEE North American Conference (Calgary, Oct 10); Australasian Public Choice Conference (Deakin University, Dec 09); 2nd Australasian Conference on Economics and Politics of War and Peace (Macquarie University, Jul 08); 13th Australasian Macroeconomics Workshop (University of Sydney, Mar 08); Monash University PhD Workshop in Economics (Feb 08); AARES 52nd Annual Conference (Canberra, Feb 08); University of Indonesia Faculty of Economics 3rd Academic Seminar (Jakarta, Dec 06)

Academic presentations/panels: Mercator Research Institute on Global Commons and Climate Change (Oct 20, Dec 17); AARES Webinar (Nov 20); Arndt-Corden Department of Economics, ANU (Mar 20, Mar 19, Feb 17, May 16, Feb 15, Sep 13, Mar 12, Aug 10, Mar 10, Oct 08, Jun 08); National Economics University, Hanoi (Feb 20, Dec 15); Beijing Institute of Technology (Oct 19, Oct 17, Sep 14, Jun 14, Oct 13); ACDE Open Forum, ANU (Oct 19); University of Melbourne (May 19 [webinar], Apr 18); Swinburne

University of Technology (Feb 19); Indonesian Institute of Sciences (LIPI; Jan 19, Jul 18, Jun 17, Jan 17, Nov 16, Jan 16); University of Indonesia (Jan 19, Jan 17, Jan 16, Jan 15); Padjadjaran University (Jan 19, Jan 16, Jan 15, Jul 11); Nanyang Technological University (Jan 19); National University of Singapore (Jan 19, Nov 16); University of Western Australia (Oct 18); RMIT (Oct 18); National Institute of Public Finance and Policy (India; Sep 18); Coal Transitions Symposia at ANU, University of Hamburg (Dec 17); DIW Berlin (Dec 17); University of Münster (Dec 17); University of Göttingen (Dec 17); Frankfurt School of Finance & Management (Dec 17); Renmin University (Nov 17); China University of Mining & Technology, Beijing (Nov 17); Peking University (Oct 17); AJRC-RIETI Workshop on Commodity Markets (Sep 17); ANU CAP Research Showcase (Aug 17); Crawford School of Public Policy, ANU (Aug 17); Macquarie University (Jun 17); Monash University (Nov 16, Nov 15, Aug 14); Universitas Gadjah Mada (Nov 16); Australia Indonesia Partnership for Economic Governance (Nov 16); University of Queensland (Oct 16); University of Sydney (Oct 16); Institut Teknologi Sepuluh Nopember (Jul 16); Asia Pacific Week, ANU (Jun 16, Jun 14, Feb 10); ANU Fenner School (Nov 15); ANU Aid & Development Learning Community (Aug 15); ANU Climate Café (Aug 15); PPM School of Management, Jakarta (Jan 15); Tsinghua-ANU Forum on Climate and Energy Policy (Sep 14); University of Tasmania (Mar 14); ANU Event: Emissions Trading in China (Feb 14); ANU Workshop: Topics on Asian Development, Past and Present (Jan 14); ANU Energy Update (Dec 13); University of Sydney Faculty of Agriculture and Environment (Sep 13, Aug 11); ANU Energy Change Institute Open Day (Oct 12, Oct 11); Indonesia Study Group (ANU, Sep 12); ANU East Asia Forum (Oct 11); University of New South Wales (Sep 11); ANU Climate Change Expo (Aug 11); Research School of Economics, ANU (Jun 11); La Trobe University (Apr 11); ANU Event: Asia's Economic Transformation: Implications for Australia (Apr 11); University of Calgary (Oct 10); University of Western Sydney (Sep 08); RSSS Economics Program Brownbag Seminar, ANU (Jun 08); MDE Seminar at the World Bank Office, Hanoi (Aug 04)

Additional presentations/panels: Citizens' Climate Lobby Australia (Nov 20); Renewable energy workshops at ANU (numerous during 18–20); Australia Indonesia Business Council (AIBC) South Australia Chapter (Nov 19); Lowy Institute (Sydney, Sep 19; Sep 12); Coordinating Ministry for Economic Affairs, Indonesia (Jul 19); Australian Institute of Energy (Dec 18; Mar 18); All-Energy Australia Exhibition and Conference (Oct 17); Philosophy, Politics, and Economics Society, ANU (May 17); International Institute for Sustainable Development (Feb 17); TNP2K (Jan 17); Australia Indonesia Partnership for Economic Governance (Nov 16); AARES ACT Branch (Apr 16, Mar 14); Victorian Department of Treasury and Finance (Apr 16); Vietnam Academy of Social Sciences (Jan 16); U3A (Aug 15); Indonesian Institute for Energy Economics (IIEE) (Jan 15); Ministry of Finance of Indonesia (Jan 15); University of Indonesia (Jan 15); Partnership for Governance Reform, Jakarta (Jul 11); Asia Pacific Foundation of Canada (Oct 10); Rotary Club of Lindfield (Jun 10)

Discussant: PhD Conference in Economics and Business (Nov 20); AARES 60th Annual Conference (Canberra, Feb 16); ANU Workshop on Transitions to and from Democratic Rule (May 15); 10th International Conference of the Japan Economic Policy Association (Kwansei Gakuin University, Nov 11); ANU PhD Seminar (Oct 10, Apr 08)

Invited classes/training sessions: Beijing Institute of Technology (Oct 17, Nov 13); Keio University (Nov 11); 3rd Indonesian Regional Science Association (IRSA) International Institute (Andalas University, Jul 11)

Fellowships: WWU Fellowship, University of Münster (17)

Volunteer work: Volunteering for International Development from Australia Program (Jan–Sep 06); Returned Australian Youth Ambassador for Development Internship (Sep–Oct 04); Australian Youth Ambassador for Development (Sep 03–Sep 04); Oxfam Community Aid Abroad Internship, Sydney (Jul-Sep 03); Agricultural Pavilion Host, Sydney Royal Easter Show (Apr 01); University of Sydney Department of Agricultural and Resource Economics outreach (01–02)

ACADEMIC AWARDS

1. Best Paper Honourable Mention, *Australian Journal of Agricultural Economics*, 2019
2. Best Paper Prize, *Economic Papers*, 2016
3. ANU Vice-Chancellor's Award for Public Policy and Outreach, 2016 (as part of a large team)
4. Discovery Early Career Researcher Award, Australian Research Council, 2016–2018
5. ANU Commendation for Outstanding Contribution to Student Learning, 2014
6. ANU College of Asia & the Pacific Award for Teaching Excellence, 2013
7. Young Alumni Achievement Award, University of Sydney Faculty of Agriculture, Food and Natural Resources, 2010 (awarded at the Faculty Centenary Dinner)
8. Winner, ANU College of Asia & the Pacific 5-Minute Thesis Speech Competition, 2009
9. Graduate Course Award in Research Information Literacy, ANU, 2008
10. ANU PhD Supplementary Scholarship, 2007–2010
11. Australian Postgraduate Award, 2007–2010
12. University of Sydney Medal, 2002
13. Economic Society of Australia NSW Branch Honours Economics State Award, 2002
14. Australian Agricultural and Resource Economics Society Undergraduate Prize for NSW, 2002
15. ABARE Prize for Best Fourth Year Student, University of Sydney, 2002
16. Bruce Davidson Prize in Resource Economics, University of Sydney, 2002
17. Clifford Dawson Holliday Prize for Third Year Agriculture, University of Sydney, 2001
18. Joan Robinson Prize in Post-Keynesian Economics, University of Sydney, 2001
19. ABARE Scholarship, University of Sydney, 2001–2002
20. Manildra Group Scholarship, University of Sydney, 1999–2002
21. Dean's List of Excellence in Academic Performance, Faculty of Agriculture, Food and Natural Resources, University of Sydney, 1999–2002 (annually)