



**Australian
National
University**



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Chair in Water Economics
and Transboundary Water Governance
Australian National University

Crawford School of Public Policy
Crawford Building (Bldg 132)
Lennox Crossing, Acton
Australian National University
Canberra, ACT 2601
AUSTRALIA

Google Scholar: H-index = 65; i10-index = 212; citations = 16,000+
ResearchGate: Interest Score = 6,600; H-index 56; 11,000+
citations
Scopus H index = 45; Scopus citations = 7,000+
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www.crawford.anu.edu.au/staff/ggrafton.php
<https://researchprofiles.anu.edu.au/en/persons/quentin-grafton>

AUSTRALIAN LAUREATE PROFESSOR R. QUENTIN GRAFTON

EDUCATION

Ph.D. (Economics), University of British Columbia, Fields: Environment & Resources, Development, 1992.

M.S. (Agricultural Economics), Iowa State University, 1985.

B. Ag. Econ. (Agricultural Economics), Massey University, 1981.

EMPLOYMENT

BUREAU OF RESOURCES AND ENERGY ECONOMICS

Chief Economist and Executive Director (08/11-07/13)

THE AUSTRALIAN NATIONAL UNIVERSITY, CRAWFORD SCHOOL OF PUBLIC POLICY

Australian Research Council Laureate Fellow (2020-2025)

Professor of Economics (E1 07/04-12/08; E2 12/08-)

Chairholder, UNESCO Chair in Water Economics and Transboundary Water Governance (04/10-)

Convenor, Water Justice Hub (10/19-)

Director, Executive Education (09/13-12/15)

Convenor, Geneva Actions on Human Water Security (07/17-)

Director, Food, Energy, Environment and Water Network (FE²W) (10/14-)

Executive Director, Australian National Institute of Public Policy (08/13-6/14)

Director, Centre for Water Economics, Environment and Policy (CWEPP) (10/09-)

Co-Chair, ANU Water Initiative (03/07-06/19)

Convenor, Master of Environmental & Resource Economics (MERE), Crawford School (05/05-06/11)

Research Director, Crawford School (11/05-09/08)

PhD Convenor, International Economics and Development, Crawford School (02/05-01/06)

THE AUSTRALIAN NATIONAL UNIVERSITY, CENTRE FOR RESOURCE AND ENVIRONMENTAL STUDIES

Senior Fellow (10/01-06/04)

UNIVERSITY OF OTTAWA, INSTITUTE OF THE ENVIRONMENT

Director (10/99-09/01)

UNIVERSITY OF OTTAWA, DEPARTMENT OF ECONOMICS

Associate Professor (5/97-09/01)

Assistant Professor (7/92-5/97)

UNIVERSITY OF OTAGO, DEPARTMENT OF ECONOMICS

William Evans Visiting Fellow (08/98-12/98)

NORWEGIAN SCHOOL OF ECONOMICS AND BUSINESS ADMINISTRATION (BERGEN)

Visiting Scholar (05/93-07/93)

WINROCK INTERNATIONAL INSTITUTE FOR INTERNATIONAL DEVELOPMENT

Agricultural Economist stationed in Haiti (10/86-12/87)

IOWA STATE UNIVERSITY – CENTER FOR AGRICULTURAL AND RURAL DEVELOPMENT

Pre-doctoral Research Associate (8/85-9/86)

NEW ZEALAND DAIRY BOARD

Export Marketing officer (2/82-7/83)

**SELECTED
HONOURS,
DISTINCTIONS &
ADVISORY ROLES**

Chairholder, UNESCO Chair in Water Economics and Transboundary Water Governance (2010-)

Australian Laureate Fellow (2020-2025)

Highest ranked economist at the ANU and included in the Top 20 economists in Australia (2023) as determined by the [World's Best Economics and Finance Scientists: H-Index Economics and Finance Science Ranking in Australia 2023 | Research.com](#)

Ranked 13,237 (30,738) in **Top 100,000 World Scientists** (all disciplines) by composite (c)-score; ranked (by citations) 16th (20th) in the world by field (Agricultural Economics) in 2022 (entire career to end of 2022) in 6th [October 2023 data-update for "Updated science-wide author databases of standardized citation indicators" - Elsevier BV \(digitalcommonsdata.com\)](#)

Commissioner and Lead Expert for the Global Commission on the Economics of Water (2022-2023)

Chair, 'Delivering the Murray-Darling Basin Plan Workshop: Academics and Research' (2023)

Honorary Professor, Australian Catholic University (2022-2025)

Distinguished Visiting Professor, Tsinghua University (2021-2024)

Distinguished Fellow, Australasian Agricultural and Resource Economics Society (2020)

Member of the Board of Directors, International Centre for Biosaline Agriculture (2018-2020)

President, Australasian Agricultural and Resource Economics Society (2017-2018)

Co-winner (with Robert Styles and Exmond DeCruz) of the Australian Psychological Society's Workplace Excellence Award for Performance and Capability Development (2018)

Associate Researcher, University of Bordeaux (2019-)

Adjunct Professor, National University of Singapore (2016-2018)

Visiting Scholar, Stanford University (2018)

Fellow of the Academy of the Social Sciences in Australia (2013-)
Visiting Research Associate, University of Oxford (2013-)
Honorary Adjunct Professor, Lincoln University (2015-)
Honorary Professor, University of Otago (2007-2010)
Included in 2006 to 2020 *Who's Who in the World* (Marquis, Editions) and 2006 *Who's Who in Science and Engineering* (Marquis Edition), *Dictionary of International Biography* (2007), *Who's Who in Australia* (2014, 2017, 2020), and quoted (pp. 100, 105, 129 and 248) in *Saving Ourselves: Interviews with World Leaders on the Sustainable Transition* (Ed. Yacine Belhaj-Bouabdallah), etc.
Chair, *Marine Estate Expert Knowledge Panel* (2014-2018)
Chair, *International Geothermal Expert Study Group* (2013-2014)
Chair, *Social and Economics Reference Panel* of the Murray-Darling Basin Commission (2008-2009)
Member of the Expert Working Group, Australian Council of Learned Academies (ACOLA)'s *Energy Storage: Opportunities and Challenges for Deployment in Australia* project (2016-2017)
Member of the *Interim Dam Safety Advisory Committee* (NSW) (2016-2018)
Member of the Independent Science Panel of the *National Science Challenge Sustainable Seas* for the New Zealand Government (2015-2017)
Member of the *Socio-economic Modelling and Assessments Committee* (SEMAAC) of the South Australia Nuclear Fuel Cycle Royal Commission (2015-2016)
Member, *Murray-Darling Basin Water Purchase Stakeholder Consultative Committee* (2008-2009)
Member, *National Council on Education for Sustainability* (2008-2010)
Member, *Resilience Roundtable* (2009-2010)
Member of *Resource Working Group of the Fisheries and Research Development Corporation* (2007-2010)
Listed in Top 500 of the World's Economists (1994-1998), *Revealed Performances: Worldwide Rankings of Economists and Economics Departments*
Member of the International Program Committees for World Congress of Environmental and Resource Economists (2006), Modeling and Simulation World Conference (2005), Australian Agricultural and Resource Economics Society (2007), etc.
Member of *Expert Advisory Committee for the Australian Government's Maintaining Australia's Biodiversity Hotspots Programme* (2007-2008)
Member of *Selection Advisory Panel to the Australian Natural Resources Management Standing Committee* (2007)
Member of the *College of Reviewers of the Canada Research Chairs* (2006)
Expert Reviewer for *The Research Council of Norway*
Expert Reviewer for the *Royal Commission on Renewing and Strengthening Our Place in Canada, Newfoundland* (2003)
Expert Reviewer, *Social Sciences and Humanities Research Council of Canada* (2003)

Member of *Australia's National Ocean's Office Socio-economic Working Group* (2002-2004)

Expert Witness, *Standing Committee on Finance of the Canadian House of Commons* (2001)

Member of *National Review Committee, Post-Doctoral Scholarships, Social Sciences and Humanities Research Council* (2001)

Panel member, committee 5, *Social Sciences and Humanities Research Council Doctoral Fellowships* (2000)

Membre du jury du *Prix Michel-Jurdant, Association canadienne-française pour l'avancement des sciences (Acfas)* (2000)

Expert Reviewer, *Intergovernmental Panel on Climate Change* (1999)

Expert Reviewer, *Fonds pour la Formation des Chercheurs et l'Aide à la Recherche* (1999)

Expert Reviewer, *Social Sciences and Humanities Research Council* (1999)

Expert Witness for the *Standing Committee on Fisheries for the Senate of Canada* (1997)

**SELECTED
RESEARCH
AWARDS**

1. Quality of Research Discovery Award, Australasian Agricultural & Resource Economics Society, 2023.
2. Winner of Best Paper Award, Economic Analysis and Policy, 6 December 2018.
3. University of Waterloo Water Institute Royal Bank of Canada Distinguished Lecture, 11 September 2017.
4. Australian National University Vice-Chancellor's Award for Public Policy and Outreach (co-recipient), 2016.
5. New South Wales Public Good Award. Awarded to Marine Estate Management Authority (MEMA), 2016.
6. Editor's Choice Award (Water Resources Research), given to top 1% of published papers by the America Geophysical Union, 2012.
7. National Science Prize (National Water Commission Professor Peter Cullen) Eureka Prize for Water Research and Innovation, 2011.
8. Australian National University Commendation for Outstanding Contribution to Student Learning (College of Asia and the Pacific), 2011.
9. Australian National University Vice-Chancellor's Award for Excellence in Education (Supervision), 2010.
10. Best Paper Prize (The Economic Record) of Economic Society of Australia, 2006.
11. Ontario Premier's Research Excellence Award, 2000.
12. William Evans Visiting Fellow, University of Otago, 1998.
13. Young Researcher of the Year, University of Ottawa, 1998.
14. Post-Doctoral Research Fellowship, Norwegian School of Economics and Business Administration, 1993.
15. A.D. Scott Fellowship in Economics, University of British Columbia, 1991-1992.

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16. Albert J. Whiteley Memorial Fellowship, University of British Columbia, 1990-1991.
 17. Winner of the Canadian Fisheries and Oceans Essay Competition (Graduate Category), 1990.
 18. Gamma Sigma Delta (Honorary in Agriculture), 1985.
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MANAGEMENT As Executive Director of Bureau of Resources and Energy Economics (BREE's) was responsible for a budget of \$4.8 million/year and a staff of 36. In this role managed HR issues within the Bureau (recruitment, promotion, learning & development, etc.), Chaired the Human Resources Committee for the Department of Resources, Energy and Tourism and was a member of the Departments' Executive Board. As Chief Economist was responsible for clearing and approving 27 publications over a two-year period, established the Australian National Conference on Resources and Energy, and actively engaged with the media such that the Bureau's work regularly appeared in the press and radio and was featured on the front page of the Australian and the Australian Financial review on several occasions.

Chair and member of numerous university committees (recruitment, tenure, university promotion, research, management, scholarships, research prizes, visiting speakers, interdisciplinary programs, graduate courses, undergraduate courses, PhD comprehensive examinations, salaries, etc.). As a former Research Director of Crawford school was responsible for research grants, PhD supervision, scholarships, databases, etc. As Chairholder of the ANU-UNESCO Chair I have administered university and external funding in excess of \$1 million and as an Australian Laureate Fellow, I administer external funds in excess of \$2 million.

SCHOLARLY ACTIVITIES Editor (with Tom Kompas and Jeff Bennett), *Australian Journal of Agricultural and Resource Economics* (2007-2010)

Editor-in-Chief, *Policy Forum.net* (2014-2022)

Editor, *Asia and the Pacific Policy Studies* (2013-2019)

Associate Editor, *Food Security* (2014-2016)

Associate Editor *Marine Resource Economics* (1998-2001)

Founder and Executive Editor of *Global Water Forum* (www.globalwaterforum.org/) (2010-)

Guest Editor, *Economic Analysis and Policy* (2021-2022)

Guest Editor, *International Journal of Water Resources Development* (2019-2021)

Guest Editor, *Earth's Future* (2017-2018)

Guest Editor, *Water Economics and Policy* (2017)

Guest Editor, *PNAS* (2016)

Guest Editor, *Food Security* (2014)

Member of Editorial Boards *Canadian Journal of Agricultural Economics* (2007-10) *Environment and Development Economics* (2008-2014), *Environmental Economics* (2010-2017), *Economics Research International* (2010-2017), and *Water Resources and Economics* (2012-), *Water Economics and Policy* (2013-2016), *Water* (2018-2021), *World Development Sustainability* (2021-),

Reviewer for (1) *American Economic Review*, (2) *Journal of Political Economy*, (3) *Scandinavian Journal of Economics*, (4) *Canadian Journal of Economics*, (5) *The Economic Record*, (6) *Australian Journal of Agricultural and Resource Economics*, (7) *Journal of Productivity Analysis*, (8) *Journal of Environmental Economics and Management*, (9) *Resource and Energy Economics*, (10) *Environmental and Resource Economics*, (11) *Land Economics*, (12) *Journal of Environmental Management*, (13) *American Journal of Agricultural Economics*, (14) *Journal of Environment and Development*, (15) *Natural Resource Modeling*, (16) *Reviews in Fish Biology and Fisheries*, (17) *Canadian Public Policy*, (18) *Canadian Review of Social Policy*, (19) *Annals in Operations Research*, (20) *Canadian Journal of Fisheries and Aquatic Sciences*, (21) *Marine Resource Economics*, (22) *L'Actualité Economique*, (23) *Canadian Journal of Development Studies*, (24) *Journal of Policy Modeling*, (25) *Cahiers d'Economie et Sociologie Rurales*, (26) *The Energy Journal*, (27) *Environment and Development Economics*, (28) *Ecological Economics*, (29) *Environmental Management*, (30) *Canadian Business Economics*, (31) *Journal of Bioeconomics*, (32) *Canadian Journal of Agricultural Economics*, (33) *Fisheries Research*, (34) *International Journal of Production Economics*, (35) *Pacific Economic Bulletin*, (36) *Food Policy*, (37) *Current Issues in Tourism*, (38) *International Journal of Agricultural Resources, Governance and Ecology*, (39) *Frontiers in the Ecology and the Environment*, (40) *The Bruce Hall Academic Journal*, (41) *International Journal of Chemistry and Ecology*, (42) *International Review of Law and Economics*, (43) *Environmental Modelling and Software*, (44) *British Journal of Political Science*, (45) *Aquaculture Economics and Management*, (46) *Environment and Planning: Government and Policy C*, (47) *Environmental Conservation* (48) *Journal of Agricultural and Resource Economics*, (49) *Environmental Science & Policy*, (50) *Journal of Agricultural Economics*, (51) *Aquatic Living Resources*, (52) *Endangered Species Research*, (53) *Fish and Fisheries*, (54) *Australasian Journal of Environmental Management*, (55) *Journal of Water Resources, Planning and Management*, (56) *Regional Environmental Change*, (57) *Science*, (58) *Water Resources Research*, (59) *Economic Record*, (60) *Journal of Hydrology*, (61) *Rangeland Journal*, (62) *Society and Natural Resources*, (63) *Environmental Economics*, (64) *Water Policy*, (65) *Proceedings of the National Academy of Sciences (PNAS)*, (66) *Hydrogeology Journal*, (67) *Ecology & Society*, (68) *Water Resources Management*, (69) *Global Environmental Change*, (70) *Journal of Economic Surveys*, (71) *Conservation Biology*, (72) *Water Resources & Economics*, (73) *Food Security*, (74) *Journal of Development Economics*, (75) *Asia and the Pacific Policy Studies*, (76) *Nature Climate Change*, (77) *Agenda*, (78) *Australian Economic Review*, (79) *Economic Papers*, (80) *New Zealand Economic Papers*, (81) *Journal of Institutional Economics*, (82) *International Journal of Water Resources Development*, (83) *Environmental Research Letters*, (84) *Annals in Science*, (85) *Journal of Rural Studies*, (86) *Resources Policy*, (87) *Environment and Planning C: Politics and Space*, (88) *Energy Policy*, (89) *River Research and Applications*, (90) *Utilities Policy*, (91) *Nature*, (92) *Science of the Total Environment*, (93) *Journal of Economic Dynamics and Control*, (94) *Water Economics and Policy*, (95) *Earth's Future*, (96) *Economic Analysis and Policy*, (97) *Environmental Science and Policy*, (98) *Water*, (99) *Food Security*, (100) *Lakes & Reservoirs: Science, Policy and Management for Sustainable Use*, (101) *Water Security*, (102) *Environmental Research Letters*, (103) *Food Policy*, (104) *Journal of Water Resources Planning and Management*, (105) *Global Environmental Change*, (106) *Nature*, (107) *Nature Sustainability*, (108) *Science Bulletin*, (109) *International Journal of Disaster Risk Reduction*, (110) *Climate Policy*, (111) *Science of the Total Environment*, (112) *PLOS ONE*, (113) *River Research and Applications*, (114) *Journal of Travel Medicine*, (115) *BMJ Open*, (116) *Society & Natural Resources*, (117) *Landscape and Urban Planning*, (118) *Evaluation & Program Planning*, (119) *Journal of Rural Studies*, (120) *Nature Communications*, (121) *China Agricultural Economic Review*, (122) *Marine& Freshwater Research*, (123) *The World Economy*, (124) *Nature Water*, (125) *Preventative Medicine*, (126) *Global*

Sustainability, (127) Applied Economics Teaching Resources, (128) PLOS Water, (129) Scientific Reports, (130) Cambridge Prisms: Water

Consulted and advised numerous organizations including: the World Bank, OECD, Asia Development Bank, Ford Foundation, US National Marine Fisheries Service, Environment Canada, Fisheries and Ocean Canada, Ontario Ministry of Natural Resources, Productivity Commission of Australia, Australian Bureau of Agricultural and Resource Economics, Department of Agriculture, Fisheries and Forestry Australia, Department of Environment and Heritage Australia, Australian Fisheries Management Authority, New Zealand Ministry of Fisheries, New Zealand Ministry for the Environment, The ACT Government, among others.

External PhD examiner for multiple universities including: University of New South Wales (x2), University of Sydney (x2), University of Adelaide (x2), University of Queensland (x3), University of South Australia, The University of British Columbia, Curtin University, University of Western Australia, Southern Cross University, University of Montpellier, Lincoln University, Massey University, and University of Iceland.

External assessor for University of Alberta, University of Victoria (Canada), University of Otago, Rensselaer Polytechnic Institute, Royal Society of New Zealand, among others.

Research has been featured in Australia's major newspapers on numerous occasions (including *The Australian, Sydney Morning Herald, The Age, The Australian Financial Review, The Saturday Paper*) including multiple front-page features (*The Australian, Australian Financial Review*), international magazines (such as *New Scientist*) and on ABC Radio (national and local programs), BBC and Australian TV (ABC, WIN TV, Sky TV). In addition, his work has featured in commentaries and news for *Science* and *Nature*.

Completed 'Board Governance and Effectiveness' 18 November 2016.

**SELECTED
RESEARCH
FUNDING**

1. \$100,000 College of Science Brooke Bushfire Research Fund (lead CI Sonia Akter), 2023.
2. \$776,000, Equity Trustees, Improving Remote Indigenous Community Health through Good Quality Drinking Water (over 5 years), 2023.
3. \$550,000, Dutch Enterprise Agency for Global Commission on the Economics of Water, 2022.
4. \$3.36 Million, Australian Research Council Laureate Fellowship (over 5 years), 2020.
5. \$159,698 Australian Research Council (joint with lead CI Sarah Wheler and with Celine Nauges), 2020.
6. National Institutes Grant Water Futures \$154,000/year for on-going academic position, 2019.
7. \$550,000, Hilda John Bequest, 2019.
8. \$320,000, Australian Research Council (joint with Kevin Fox, Erwin Diewert and Carl Obst), 2017.
9. \$270,000 Australian Centre for International Agricultural Research, 2016.
10. €20,000 OECD Co-operative Research Programme, 2015.
11. \$500,000 Hilda John Bequest, 2014.
12. \$1.226 million Australian Centre for International Agricultural Research (lead CI Jamie Pittock), 2012.

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13. \$195,000 Commonwealth Environmental Research Facility, Environmental Economics Hub, 2010.
 14. \$374,465 Australian Research Council (joint with Michael Ward), 2012.
 15. \$298,224 Murray-Darling Basin Authority, Potential Water Quantity and Quality Impacts in the Murray-Darling Basin from Communities and Industry Responding to Climate Change, 2010.
 16. \$271,913 Charles Darwin University & North Australian Indigenous Land and Sea Management Alliance, Establishing Water Markets in Northern Australia, 2010
 17. \$800,000 Hilda John Bequest, 2010.
 18. \$109,962 AusAid, Institutional Adaptation to Volatile Oil Prices.
 19. \$435,000 Commonwealth Environmental Research Facility, Environmental Economics Hub.
 20. \$288,000 Commonwealth Environmental Research Facility, Environmental Economics Hub.
 21. \$270,000 Australian Research Council (joint with T. Kompas and ADM Smith).
 22. \$150,000 Australian Research Council (joint with K.J. Fox).
 23. \$142,402 Australian Research Council (joint with K.J. Fox and R. Keenan).
 24. \$80,000 Australian Research Council (joint with J. Kalish, S. Chand, S. Dovers and R. Bradbury).
 25. \$70,668 Australian Research Council (joint with M. Hutchinson), awarded but declined.
 26. \$150,000 Premier's Research Excellence Award, Ontario Government.
 27. \$170,000 Health Canada.
 28. \$30,000 Parks Canada.
 29. \$18,000 International Joint Commission.
 30. \$20,000 Interfaculty Award, University of Ottawa (co-investigator).
 31. \$150,000 Sustainable Forest Management Network.
 32. \$200,000 Marsden Fund (collaborator but not principal investigator).
 33. \$10,000 Young Researcher of the Year Award, University of Ottawa .
 34. \$3,500 Social Sciences and Humanities Research Council.
 35. \$3,500 University Research Services, University of Ottawa.
 36. \$5,000 Atlantic Institute for Market Studies.
 37. \$1,000 University Research Services, University of Ottawa.
 38. \$40,000 Social Sciences and Humanities Research Council.
 39. \$33,550 Environment Canada Green Plan on Economic Instruments.
 40. \$5,000 Faculty of Graduate Studies, University of Ottawa.
 41. \$3,000 Sustainable Development Institute, UBC.
 42. \$1,000 Council of Forest Industries.
 43. \$10,000 Norwegian School of Economics and Business Administration.

44. \$9,800 Canadian Department of Fisheries and Oceans.

45. \$1,800 Teaching-Learning Grants Subcommittee, University of Ottawa.

Total Funding as Chief or Principal Investigator \$10 million +

**SELECTED
KEYNOTES &
PRESENTATIONS**

1. 2023 Visiting Professor and 6th International Seminar on Agribusiness Address, Diponegoro University, Indonesia, 26 July 2023.
 2. Plenary Session, 'Facing the water-Energy-Food Nexus' at De Salle University Research Congress 2023, Fostering a Humane and Green Future: Pathways to Inclusive Societies and Sustainable Development', Manila, Philippines, 5 July 2023.
 3. Plenary Session, 'The World Water Crisis' at the International Conference on Economics and Business Roads to Sustainability 2023, University of Coimbra, Portugal, 1 July 2023.
 4. Plenary Address, 'Responding to the World Water Crisis', Annual Research Meeting of the International Water Management Institute, Tashkent, Uzbekistan, 31 May 2023.
 5. Guest Lecture 'From Mar del Plata to New York City and the World Water Crisis' at Pontifica Universidad Javeriana, Colombia, 27 April 2023.
 6. Invited presentation at University of Waterloo 'Water Talks', Waterloo, Canada, 28 March 2023.
 7. Invited presentation at Environment and Climate Change Canada, Ottawa, Canada, 27 March 2023.
 8. Invited presentation 'Legalwise Water Symposium', Sydney, 23 February 2023.
 9. Invited presentation at Japan International Cooperation Agency (JICA) Scholars, University of Tsukuba, Japan, 24 January 2023.
 10. Guest lecture on 'Economics of Water', University of Antwerp, 22 December 2022.
 11. Invited presentation at Public Sector Economists Conference, 18 November 2022.
 12. Presentation 'Global Food Risks and Insecurity' WTO Retreat on Trade and Agriculture, Geneva, 24 October 2022.
 13. Keynote Presentation (virtual) 2022 China Commons Workshop 'Rural Revitalization & Sustainable Development', Tsinghua University, 24 September 2022.
 14. Presentation at the Global Town Hall on Sustainability, Virtual Event, 11 May 2022.
 15. Presentation, UN Climate Change Conference (COP26) 'Climate Change and Water: The Missing Agenda', Glasgow, UK, 8 November 2021.
 16. Keynote Presentation (virtual), University of California Irvine; A California-European Union-Australia Workshop on groundwater and Water-Energy-Food Nexus, Irvine, California, 9 November 2021.
 17. The Royal Society Presentation (virtual) at 'Drought in the Anthropocene', London, UK, 19 October 2021.
 18. Keynote Address (virtual), Water Leaders' Summit, Taiwan International Water Week 2021, Taipei, 14 October 2021.
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19. Plenary Address (virtual), Stormwater 2021 National Conference, 13 April 2021.
 20. Invited Speaker (virtual), Australasian Agricultural and Resource Economics Society, 5 August 2020.
 21. Invited Speaker (virtual), University of Tasmania, 19 June 2020.
 22. Invited Address, Foreign Correspondents Association, Sydney, 25 November 2019.
 23. Invited Speaker, University of Third Age, Canberra, 10 September 2019.
 24. Plenary Address, 10th Annual CAER-IFPRI Conference, Guangzhou, 9 November 2018.
 25. Keynote Address, Tsinghua University, 7 November 2018.
 26. Invited Speaker, University of Toulouse, 21 June 2018.
 27. Invited Speaker, Norwegian School of Economics and Business Administration, 31 May 2018.
 28. Invited Speaker, World Bank (Washington DC), 29 May 2018.
 29. Invited Speaker, Montpellier Institute for Water and Environment, 22 May 2018
 30. Invited Speaker, Columbia University (NYC), 15 March 2018.
 31. Invited Speaker, World Bank Group (Washington DC), 13 March 2018.
 32. Invited Address, Stanford University, 7 March 2018.
 33. Presidential Address, Australasian Agricultural and Resource Economics Society (Adelaide), 7 February 2018.
 34. Invited Speaker, New Zealand Treasury, 6 November 2017.
 35. Water Institute Royal Bank of Canada Distinguished Lecture, 11 September 2017.
 36. Keynote Address, New Zealand Rivers Foundation, 3 November 2016.
 37. Invited Speaker, Blouin Creative Leadership Summit 2016, Manhattan Club, New York City, 19 September 2016.
 38. Plenary Address, International Water Resource Economics Consortium, the World Bank, Washington DC, 12 September 2016.
 39. Keynote Address, 60th AARES Conference, Canberra, February 2016.
 40. Keynote Address, World Conference on Natural Resource Modelling, Bordeaux, France, 30 June 2015.
 41. Plenary Address, 18th Annual Conference on Global Economic Analysis, Melbourne 19 June 2015.
 42. Plenary Address, World Geothermal Congress, Melbourne, 24 April 2015.
 43. Keynote address, International Conference on Ecohydrology, Yogyakarta, 11 November 2014.
 44. Keynote Address, National Water Policy Summit, Sydney, Australia, 15 October 2014.
 45. Keynote Address, 6th IAHS-EGU International Symposium on Integrated Water Resources Management, Bologna, Italy, 5 June 2014.
 46. Invited Address, Harvard University, 'Resilient Public Policy', 28 March 2014.

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47. Keith Campbell Distinguished Lecture, 'Boom of Bust: Where to Australia?' Australian Agricultural and Resource Economics Society, Port Macquarie, 7 February 2014.
 48. Public Address, "Australian Natural Gas Exports: Investment, Production and Exports" Observer Research Foundation, Mumbai, India, 25 April 2013.
 49. Public Address, 'World Gas and Coal Markets: Where to the Next 5 Years?' 'Energy Security in the Asia Pacific', Observer Research Foundation, New Delhi, India, 22 April 2013.
 50. Invited Address, Energy State of the Nation, 'Evidence-based Energy Policy', Sydney, 22 March 2013.
 51. Invited Address, University of Tokyo, 'Reflections on Energy Security in the Asia Pacific', Tokyo, 27 February 2013.
 52. Invited Address, Sustainable Irrigation 2012, 'Optimising Water Allocations for Irrigation and the Environment', Adelaide, 11 December 2012.
 53. Invited Address, Australian Business Economists, Sydney, 5 December 2012.
 54. Invited Address, Chatham House (London), 'Millennium Resources Boom and Prospects for Coal and Gas in the Asia-Pacific', 29 October 2012.
 55. Public Address, Oxford University, 'Water Governance: Insights from Four River Basins', 29 October 2012.
 56. Keynote Address, 'Australia and the Millennium Mining Boom', Australian National Conference on Resources and Energy, Canberra, 18 September 2012.
 57. Keynote Address, 'Economic Outlook for Australian Resources: Prices, Investments and Volumes', Association of Mining and Exploration Companies, Perth, 4 September 2012.
 58. Committee for the Economic Development of Australia (CEDA), State of the Nation, Major Mining Projects and Investment, Canberra, 19 June 2012.
 59. Invited Address, Economic Club of Canada, 'The Resources Commodities Boom: Past and Future Perspectives', Ottawa, 21 February 2012.
 60. Invited Address, Department of Finance & Deregulation, 'Urban Water Reform', 27 July 2011.
 61. Keynote address, Resilience: Can our Environment Keep Bouncing Back? University of Sydney, 8 July 2011.
 62. Keynote address, Australian Water Association Annual Conference, 29 June 2011.
 63. Invited address, Australian Embassy in US, Economics of Water Reform in the Murray-Darling Basin, 18 February 2011.
 64. Invited Address, Congressional Research Service, Water markets and Transfers: US and Australian Experiences, 17 February 2011.
 65. Plenary address, Australian Agricultural and Resource Economics Society Annual Meeting, 9 February 2011.
 66. Invited Address, Environment Institute of Australia and New Zealand Counterintuitive Seminars, 4 November 2010.
 67. Invited Address, National Press Club of Australia, Murray-Darling Basin Plan: River Rescue or Rural Disaster, 20 October 2010.

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68. Keynote speaker at 8th Annual Water Summit, 26 October 2010.
 69. Keynote speaker at AARES Special Symposium on Urban water Symposium, 30 September 2010.
 70. Keynote speaker, The Pelagic Complex in the Northeast Atlantic Ocean, Faroe Islands, 9 September 2010.
 71. Invited Address, Prime Minister & Cabinet, Moving Forward with Water Reform in Australia, 20 August 2010.
 72. Keynote speaker at Australian Economic Forum 2010, 6 August 2010.
 73. Keynote address to the 11th Australian Competition & Consumer Commission Regulatory Conference, 30 July 2010.
 74. Plenary speaker at Australia 21 Conference 'Shaping Australia's Resilience: Policy Developments for an Uncertain Future', 16 February 2010.
 75. Keynote address at Australian Mathematical Sciences Institute 'The Mathematics of Water Supply and Pricing' 15 July 2008.
 76. Chair, 6th Australian Water Summit, 7 March 2008.
 77. Plenary address, 52nd. AARES Annual Meeting, 7 February 2008.
 78. AARES/Economic Society Special Presentation 13 December 2007.
 79. 3rd Annual Water Pricing Conference, Sydney, 27 September 2007.
 80. Invited Address, Australian Treasury, 17 September 2007.
 81. Invited Address, Senior Executive Service, Australian Public Service, 30 August 2007.
 82. Ocean Management Research Network (Canada), 11 July 2007.
 83. Invited Address, Fisheries and Ocean Canada, Ottawa, 6 July 2007.
 84. Invited Address, Great Green Debate, ANU Sustainability Network, 5 June 2007
 85. Invited Address, University of Adelaide, 27 April 2007.
 86. Invited Address, Global Change Symposium, National Museum of Australia, 22 June 2006.
 87. Invited Address, Reserve Bank of New Zealand, 7 April 2006.
 88. Invited Address, AARES Symposium 2005, November 11, Canberra, Australia.
 89. Invited Address, Department of Economics, University of Adelaide, 29 October 2004.
 90. AARES Symposium 2004, October 7 Auckland, New Zealand.
 91. Environment Roundtable, Sydney, Australian Industries Group, June 22, 2004.
 92. Invited Address, Department of Economics, University of New South Wales, 23 April 2004.
 93. Invited Address, Bureau of Rural Sciences, Canberra, 12 March 2004.
 94. Invited Address, Department of Economics, University of Otago, 29 October 2003.
 95. Invited Address, Department of Economics and Finance, La Trobe University, Melbourne, 26 September 2003.
 96. Invited Address, Department of Finance, Canada, 7 July 2003.

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97. Invited Address, Department of Fisheries and Oceans, Canada, 8 July 2003.
 98. Invited Address, Department of Economics, University of Queensland, 30 May 2003.
 99. Invited Address, Economics Measurement Group, Centre for Applied Economics Research, University of New South Wales, September 2002.
 100. 4th Toulouse Conference on Environment and Resource Economics, May 2001.
 101. Invited Address, Canterbury University, New Zealand, 2001.
 102. Keynote Address, Le Séminaire Matsuzewski, Université Laval, 2001.
 103. Invited Address, Department of Fisheries & Ocean, Canada, 2000.
 104. Invited Address, the Woods Hole Oceanographic Institute, USA, 2000.
 105. Invited Speaker at the International Institute for Fisheries Economics and Trade, World Conference 2000, Oregon, USA.
 106. Invited Address, University of Queensland, Brisbane, Australia, 1999.
 107. Invite Address, New Zealand Ministry of Fisheries, Wellington, New Zealand, 1999.
 108. Invited Address, Massey University, New Zealand, 1999.
 109. Invited Address, Australian Bureau of Agricultural and Resource Economics, Canberra, Australia, 1999.
 110. Invited Address, Lincoln University, New Zealand, 1998.
 111. Invited Address, New Zealand Ministry of Commerce, Wellington, New Zealand, 1998.
 112. Keynote Speaker at International Conference on Public Sector Efficiency, Sydney, Australia, 1998.
 113. Australian Fisheries Management Authority, Canberra, Australia, 1997.
 114. Australian Bureau of Agricultural and Resource Economics, Canberra, Australia, 1997.
 115. Invited Address, Imperial College, London, England, 1995.
 116. Invited Address, Norwegian School of Economics and Business Administration, Bergen 1994.
- In addition, I have presented papers at over 100 plus academic conferences and participated at various meetings, seminars, workshops and conferences in Australia, Austria, Brunei, Canada, China, Germany, Greece, France, India, Italy, Japan, Jordan, Malaysia, Mozambique, Nepal, New Zealand, Norway, Singapore, South Africa, Sweden, United Kingdom, the USA, and the Vatican.

**STUDENT
SUPERVISION**

27 PhD (6 in progress & 21 completed) and 15 Master students as a principal supervisor.
 36 PhD (in total) students as a supervisor or as member of supervisory committee.
 18 PhD students as external university examiner.

LANGUAGES

French (intermediate to advanced), Spanish (basic).

1. A. Manero, W. Adamowicz, S. Akter, A. Spencer-Cotton, P.J. Coombes, P. Wyrwoll, J. Horne, N. Lansbury, S. Creamer, K.S. Taylor, S. Fanaian, and R.Q. Grafton (2024) Benefits, costs and enabling conditions to achieve 'water for all' in rural and remote Australia. *Nature Water*. <https://www.nature.com/articles/s44221-023-00182-6.pdf>
2. L. Chu, R.Q. Grafton and H. Nelson (2023) Accounting for Forest Fire Risks: Global Insights for Climate Change Mitigation. *Mitigation and adaptation Strategies for Global Change* 28, 48. <https://doi.org/10.1007/s11027-023-10087-0>
3. L. Chu, R.Q. Grafton and H. Nelson (2023) What will it Cost to Achieve the COP26 Glasgow Forest Agreement Commitment and Halt Global Forest Loss? *World Development Sustainability* 3. <https://doi.org/10.1016/j.wds.2023.100106>
4. L. Chu, R.Q. Grafton, T. Kompas and M-L McLaws (2023) Effects of Closures and Openings on Public Health in the Time of COVID-19: A Cross-Country and Temporal Trend Analysis, *Sage Open* Volume 13, 4. <https://doi.org/10.1177/21582440231207472>
5. R.Q. Grafton, S. Fanaian (2023) Responding to the Global Challenges of 'Too Much, Too Little, Too Dirty' Water: Towards a Safer and More Just Water Future. *Notas Económicas*, July 2023: 65-90. <https://impactum-journals.uc.pt/notaseconomicas/article/view/13258>
6. W.B. Bates, L. Chu, H. Claire, M.J. Colloff, R. Cotton, R. Davies, L. Larsen, G. Loughrey, A. Manero, V. Marshall, S. Martin, N-M Nguyen, W. Nikolakis, A. Poelina, D. Schulz, K.S. Taylor, J. Williams, P. Wyrwoll, R.Q. Grafton (2023) A Tale of Two Rivers – Baaka and Martuwarra, Australia: Shared Voices and Art towards Water Justice. *The Anthropocene Review*. <https://doi.org/10.1177/20530196231186962>
7. R.Q. Grafton, A. Manero, L. Chu, P. Wyrwoll (2023) The Price and Value of Water: An Economic Review. *Cambridge Prisms: Water* 1: 1-39. doi:10.1017/wat.2023.2. <https://www.cambridge.org/core/journals/cambridge-prisms-water/article/price-and-value-of-water-an-economic-review/340E30EA7586C861C7BBF50D33CE3C5A>
8. R.Q. Grafton, A.K. Biswas, H. Bosch, S. Fanaian, J. Gupta, A. Revi, N. Sahi, C. Tortajada (2023) Goals, progress and priorities from Mar del Plata in 1977 to New York in 2023. *Nature Water* 1: 230-240. <https://www.nature.com/articles/s44221-023-00041-4>
9. G.S. Cumming, Adamska, M., Barnes, M.L., Barnett, J., Bellwood, D.R., Cinner, J.E., Cohen, P., Donelson, J., Fabricius, K., Grafton, R.Q., Grech, A., Gurney, G.G., Hoegh-Guldberg, O., Hoey, A.S., Hoogenboom, M.O., Lau, J., Lovelock, C., Lowe, R., Miller, D., Morrison, T.H., Mumby, P.J., Nakata, M., Pandolfi, J.M., Peterson, G.D., Pratchett, M., Ravasi, T., Riginos, C., Rummer, J.L., Schaffelke, B., Wernber, T., and Wilson, S (2023) Research priorities for the sustainability of coral-rich western Pacific seascapes. *Regional Environmental Change* 23:66. <https://doi.org/10.1007/s10113-023-02051-0>
10. B.R. Scanlon, S. Fakhreddine, A. Rateb, I. de Graaf, J. Famiglietti, R.Q. Grafton, et al. (2023) Global water resources and the role of groundwater in a resilient water future. *Nature Reviews Earth & Environment* 4: 87–101. <https://doi.org/10.1038/s43017-022-00378-6>
11. R.Q. Grafton, S.I. Steinshamn, D. Squires (2022) Towards Resilience-based Management of Marine Capture Fisheries. *Economic Analysis and Policy* 77: 231-238. <https://doi.org/10.1016/j.eap.2022.11.012>
12. J. Williams, M.C. Colloff, R.Q. Grafton, S. Khan, Z. Paydar, P. Wyrwoll (2022) The three-infrastructures framework and water risks in the Murray-Darling Basin, Australia. *Australasian Journal of Water Resources* 27(1): 47-67. <https://doi.org/10.1080/13241583.2022.2151106>
13. L. Chu, R.Q. Grafton, T. Kompas (2022) Optimisation of economic performance and stock resilience in marine capture fisheries. *Economic Analysis and Policy* 76: 863-875. <https://doi.org/10.1016/j.eap.2022.09.016>

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14. R.Q. Grafton, L. Chu, R.T. Kingsford, G. Bina, J. Williams (2022) Resilience to Hydrological Droughts in the Northern Murray-Darling Basin. *Philosophical Transactions of the Royal Society A* 380: 20210296. <https://doi.org/10.1098/rsta.2021.0296> **Quality of Research Discovery Award 2023, Australasian Agriculture and Resource Economics Society.**
 15. K. Owens, E. Carmody, R.Q. Grafton, E. O'Donnell, S.A. Wheeler, L. Gooden, R. Allen, R. Lyster, R., P. Steduto, Q. Jiang, R. Kingsford, J. Quiggin (2022) Delivering global water security: Embedding water justice as a response to increased irrigation efficiency *WIREs Water* 22; e1608. <https://doi.org/10.1002/wat2.1608>
 16. P. Wyrwoll, A. Manero. K.S. Taylor, E. Rose, R.Q. Grafton (2022) Measuring gaps in drinking water quality and policy in regional and remote Australia. *NPJ Clean Water* 5, 32. <https://doi.org/10.1038/s41545-022-00174-1> **8,000+ article accesses, Altmetric 198 and in 98th percentile of all tracked articles of a similar age in all journals.**
 17. L. Chu, R.Q. Grafton, T. Kompas (2022) What vaccination rate(s) minimize total societal costs after 'opening up' to COVID-19? Age-structured SIRM Results for the Delta variant in Australia (New South Wales, Victoria and Western Australia) (2022) *PLOS Global Public Health* 2(6): e0000499. [What vaccination rate\(s\) minimize total societal costs after 'opening up' to COVID-19? Age-structured SIRM results for the Delta variant in Australia \(New South Wales, Victoria and Western Australia\) | PLOS Global Public Health](https://doi.org/10.1371/journal.pgph.0000499)
 18. P.I. Macreadie, A.I. Robertson, B. Spinks, M.P. Adams, J.M. Atchison, J. Bell-James, B. Bryan, L. Chu, K. Filbee-Dexter, L. Drake, C.M. Duarte, D.A. Friess, F. Gonzalez, R.Q. Grafton, K.J. Helmstedt, M. Kaebernick, J. Kelleway, G.A. Kendrick, H. Kennedy, C.E. Lovelock, J. P. Megonigal, D.T. Maher, E. Pidgeon, A.A. Rogers, R. Sturgiss, S.M. Trevathan-Tackett, M. Wartman, K.A. Wilson, K. Rogers (2022) Operationalising marketable blue carbon *One Earth* 5(5): 485-492. <https://doi.org/10.1016/j.oneear.2022.04.005>
 19. A. Manero, K. Taylor, W. Nikolakis, V. Adamowicz, V. Marshall, A. Spencer-Cotton, M. Nguyen, R. Quentin Grafton (2022) A systematic literature review of non-market valuation of Indigenous peoples' values: Current knowledge, best-practice and framing questions for future research. *Ecosystem Services* 54: 101417. <https://doi.org/10.1016/j.ecoser.2022.101417>
 20. L. Chu, R.Q. Grafton, and H. Nguyen (2022) A global analysis of the break-even prices to reduce atmospheric carbon dioxide via forest plantation and avoided deforestation. *Forest Policy and Economics* 135: 102666. <https://doi.org/10.1016/j.forpol.2021.102666>
 21. R.Q. Grafton, S. Fanaian, G. Sacco and L. Liberman (2021) Bending Towards Water Justice: Pathways for Truth, Reconciliation, Inclusion and Transformative Actions. *International Journal of Water Resources Development* 38(1): 1-10. <https://www.tandfonline.com/doi/pdf/10.1080/07900627.2021.1952855>
 22. J.M. Dixon, J. Weerahewa, J. Hellin, M.F Rola-Rubzen , J. Huang, S. Kumarf, A. Das, M.E. Qureshi, T.J. Krupnik , K. Shideed , M. Ja , P.V. Vara Prasad, S. Yadav, A. Irshad, A. Asanaliev, A. Abugalieva, A. Karimov, B. Bhattarai, C.Q. Balgos , F. Benu , H. Ehara , J. Pant, J. M.P. Sarmiento , J.C. Newby , J. Pretty, H. Tokuda, H. Weyerhaeuser, L.N. Digal , L. Li, Md. Abdur R. Sarkar, Md z. Abedin, P. Schreinemachers, R.Q. Grafton, R.C. Sharma, S. Saidzoda, S. Lopez-Ridaura, S. Coffey, S.P. Kam, S.S. Win, S. Praneetvatakuli, T. Maraseni, V. Touch, W-Li Liang, Y. Singh Saharawat, J. Timsina (2021) Response and resilience of Asian agrifood systems to COVID-19: An assessment across twenty-five countries and four regional farming and food systems. *Agricultural Systems* 193. <https://doi.org/10.1016/j.agsy.2021.103168> **In 99th percentile for social media in 2021.**
 23. R.Q. Grafton, J. Parslow, T. Kompas, K. Glass, and E. Banks (2021) Epidemiological Modelling of the Health and Economic Effects of COVID-19 control in Australia's 'Second Wave'. *Journal of Public Health: From Theory to Practice*. <https://doi.org/10.1007/s10389-021->

01611-0 2,193 article accesses, Altmetric 81. In 97th percentile of tracked articles of a similar age in all journals.

24. L. Chu and R.Q. Grafton (2021) Dynamic Water Pricing and the Risk-Adjusted User Cost (RAUC). *Water Resources and Economics* 35 100181: <https://doi.org/10.1016/j.wre.2021.100181>
25. S. Akter, and R.Q. Grafton (2021) Do Fires Discriminate? Socio-Economic Disadvantage, Wildfire Hazard Exposure and the Australian 2019–20 ‘Black Summer’ Fires. *Climatic Change* 165: 53. <https://link.springer.com/content/pdf/10.1007/s10584-021-03064-6.pdf> **3,803+ access, Altmetric 81. In 96th percentile of all tracked article in all journals of a similar age.**
26. P. Wyrwoll and R.Q. Grafton (2021) Reforming for Resilience: Delivering ‘Multipurpose Hydropower’ under Water and Energy Risks. *International Journal of Water Resources Development*. <https://doi.org/10.1080/07900627.2021.1944844>
27. M. Colloff, R.Q. Grafton, J. Williams (2021) Scientific integrity, public policy and water governance in the Murray-Darling Basin, Australia. *Australasian Journal of Water Resources* 25(2): 121-140. <https://doi.org/10.1080/13241583.2021.1917097> **6,063 views, Altmetric 102. Second most viewed paper in the journal.**
28. T. Kompas, R.Q. Grafton, T.N. Che, L. Chu, J. Camac (2021) Health and Economic Costs of Early and Delayed Suppression and the Unmitigated Spread of COVID-19: The Case of Australia. *PLOS ONE* 16(6): e0252400. <https://doi.org/10.1371/journal.pone.0252400> **8,064 views & downloads, Altmetric 1,138+, Top 1% Altmetric Attention Score of PLOS One outputs (168,000 outputs) and top 1% of all research outputs (18 million outputs).**
29. D.V. Gordon, R.Q. Grafton and S.I. Steinshamn (2021) Cross-country effects and policy responses to COVID-19 in 2020: The Nordic countries. *Economic Analysis and Policy* 71: 198-210. <https://doi.org/10.1080/13241583.2021.1917097> **captures & media 15.**
30. W. Nikolakis, R.Q. Grafton (2021) Law versus justice: The Strategic Aboriginal Water Reserve in the Northern Territory, Australia. *International Journal of Water Resources Development*. <https://doi.org/10.1080/07900627.2021.1882406> **386 views, Altmetric 7.**
31. S.J. Phipps, R.Q. Grafton and T. Kompas (2020) Robust estimates of the true (population) infection rate for COVID-19: a backcasting approach. *Royal Society Open Science* 7(11): 200909. <https://doi.org/10.1098/rsos.200909>, **36,705 downloads, Altmetric 441, in top 10 journal downloads out of 4,153 articles in the journal.**
32. S.A. Wheeler, E. Carmody, R.Q. Grafton, R.T. Kingsford, and A. Zuo (2020) The rebound effect on water extraction from subsidising irrigation infrastructure in Australia. *Resources, Conservation & Recycling* 159: 104755. <https://doi.org/10.1016/j.resconrec.2020.104755> **18 citations, captures & media hits 70.**
33. K. Brooks, K. Barclay, R.Q. Grafton, and N. Gollan (2020) Transforming coastal and marine management: Deliberative democracy and integrated management in New South Wales, Australia. *Marine Policy*. <https://doi.org/10.1016/j.marpol.2020.104053> **2 citations, captures & media 31.**
34. R.Q. Grafton, L. Chu and P. Wyrwoll (2020) The paradox of water pricing: dichotomies, dilemmas, and decisions. *Oxford Review of Economic Policy* 36(1): 86-107. <https://doi.org/10.1093/oxrep/grz030> **6,231 views & downloads.**
35. R.Q. Grafton, M. Colloff, V. Marshall and J. Williams (2020) Confronting a post-Truth Water World in the Murray-darling Basin, Australia. *Water Alternatives* 13(1): 1-28. **15 citations.**
36. R.Q. Grafton and J. Williams (2019) Rent seeking behaviour and regulatory capture in the Murray-Darling Basin, Australia. *International Journal of Water Resources Development*. <https://doi.org/10.1080/07900627.2019.1674132> **5,120 views, Altmetric 10.**

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37. R.Q. Grafton, L. Doyen, C. Béné, E. Borgomeo, K. Brooks, L. Chu, G.S. Cumming, J. Dixon, D. Garrick, A. Helfgott, Q. Jiang, P. Katic, T. Kompas, L.R. Little, N. Matthews, C. Ringler, D. Squires, S.I. Steinshamn, S. Villasante. S. Wheeler, J. Williams, and P. Wyrwoll (2019) Realizing Resilience for Decision-making. *Nature Sustainability* Vol 2: 907-913. <https://doi.org/10.1038/s41893-019-0376-1> **article access 2735, Altmetric 51.**
 38. L. Chu and R.Q. Grafton (2019) Water pricing and the value-add of irrigation water in Vietnam: insights from a crop choice model fitted to a national household survey. *Agricultural Water Management* 228: 10588. <https://doi.org/10.1016/j.agwat.2019.105881>
 39. K. Taylor, S. Longboat and R.Q. Grafton (2019) Whose rules? Principles of Water Governance, Rights of Indigenous Peoples, and Water Justice. *Water* 2019, 11(4), 809; <https://doi.org/10.3390/w11040809>.
 40. J. Williams and R.Q. Grafton (2019) Missing in Action: Possible effects of water recovery on stream and river flows in the Murray–Darling Basin, Australia. *Australasian Journal of Water Resources*. <https://doi.org/10.1080/13241583.2019.1579965>. **7,113 views and Altmetric 175. Most viewed and most cited of any articles published in this journal.**
 41. R.Q. Grafton, D. Garrick, A. Manero, T.N. Do (2019) The Water Governance Reform Framework: Overview and Applications to Australia, Mexico, Tanzania, U.S.A and Vietnam. *Water* 2019, 11, 137. doi:10.3390/w11010137. **Editor's Choice Paper.**
 42. R.Q. Grafton (2019) Policy Review of Water Reform in the Murray-Darling Basin, Australia: The “Do’s” and “Do Nots”. *Australian Journal of Agricultural and Resource Economics* 63(1): 116-141. **Most cited paper in journal in 2019 and most downloaded paper among work published in the journal between 1 January 2019 and 31 December 2020.**
 43. N. Chindarkar and R.Q. Grafton (2019) India’s depleting groundwater: When science meets policy. *Asia and Pacific Policy Studies* 6(1): 108-124.
 44. L. Chu and R.Q. Grafton (2019) Short-term Pain for Long-term Gain: Urban Water Pricing and the Risk-adjusted User Cost. *Water Economics and Policy* 5(2), 1871005 (2019). <https://doi.org/10.1142/S2382624X18710054>
 45. R.Q. Grafton, J. Williams, C.J. Perry, F. Molle, C. Ringler, P. Steduto, B. Udall, S.A. Wheeler, Y. Wang, D. Garrick and R. Allen (2018) The Paradox of Irrigation Efficiency. *Science* 361 (issue 6404): 748-750. <http://science.sciencemag.org/content/361/6404/748> DOI: 10.1126/science.aat9314 **10,000 + downloads, 50,000 + views, Altmetric score 441, 373 citations.**
 46. W. Ma, R.Q. Grafton and A. Renwick (2018) Smartphone Use and Income Growth in Rural China: Empirical Results and Policy Implications. *Electronic Commerce Research*. <http://doi.org/10.1007/s10660-018-9323-x>
 47. L. Chu, R.Q. Grafton and R. Keenan (2018) Increasing Conservation Effectiveness while Maintaining Equity Goals with the Payment for Environmental Services. *Ecological Economics* 156: 202-210.
 48. R.Q. Grafton and S. Wheeler (2018) Economics of Water Recovery in the Murray-Darling Basin. *Annual Review of Resource Economics* 10: 487-510. <https://doi.org/10.1146/annurev-resource-100517-023039>
 49. H.L. Chu, R.Q. Grafton and M. Stewardson (2018) Resilience, Decision-making and Environmental Water Releases. *Earth’s Future* 6(6): 777-792.
 50. P.R. Wyrwoll, R.Q. Grafton, K.A. Daniell, H.L. Chu, C. Ringler, L. T. H. Lien, D.K. Khoi, T.N. Do1, and N.D.A. Tuan (2018) Decision-making for systemic water risks: Insights from a participatory risk assessment process in Vietnam. *Earth’s Future* 6(3): 543-564.
 51. X. Shi and R.Q. Grafton (2018) Reforming the Eastern Australian Gas Market. *Asia and Pacific Policy Studies*. 5(3): 641-650.
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52. W. Ma, A. Renwick and R.Q. Grafton (2018) Farm machinery use, off-farm employment and farm performance in China. *Australian Journal of Agricultural and Resource Economics* 62: 279–298. **Wiley certified top 10 downloaded paper in journal 2017-18.**
 53. D.E. Garrick, J.W. Hall, A. Dobson, R. Damania, R.Q. Grafton, R. Hope, C. Hepburn, R. Bark, F. Boltz, L. De Stefano, E. O’Donnell, N. Matthews, and A. Money (2017). Valuing Water for Sustainable Development. *Science* 358, issue 6366: 1003-1005.
 54. R.Q. Grafton, I. Cronshaw and X. Shi. (2017) ‘Making Cents’ of the Eastern Australian Gas Market. *Economic Papers* 37(1): 42-54. **Wiley certified top 10 downloaded paper in journal 2017-18.**
 55. R.Q. Grafton, T. Kompas and N. Van Long (2017) A Brave New World? Kantian-Nashian Interaction and the Dynamics of Global Climate Change Mitigation. *European Economic Review* 99: 31-42.
 56. H. To, R.Q. Grafton, R. Martínez-Espiñeira and M. Garcia-Valiñas (2017) Household adoption of energy and water-efficient appliances: An analysis of attitudes, labelling and complementary green behaviours in selected OECD countries. *Journal of Environmental Management* 197: 140-150.
 57. R.Q. Grafton, J. Williams and Q. Jiang (2017) Possible pathways and tensions in the food and water nexus. *Earth’s Future* 5: 449–462.
 58. H. To, R.Q. Grafton and S. Regan (2017) Immigration and labour market outcomes in Australia: Findings from HILDA 2001–2014. *Economic Analysis and Policy* 55: 1-13. **Winner best paper prize for 2018.**
 59. R.Q. Grafton (2017) Responding to the ‘Wicked Problem’ of water insecurity. *Water Resources Management* 31:10, 3023-3041.
 60. R.Q. Grafton (2017) Editorial: Water reform and planning in the Murray-Darling Basin, Australia. *Water Economics and Policy* 3:3 1702001.
 61. N. Ratna, R.Q. Grafton and H. To (2017) The ‘Paradox of Diversity’: Economic Evidence from US Cities 1980-2010. *Asia and the Pacific Policy Studies* 4 (1): 20-37.
 62. R.Q. Grafton and R. Little (2017) Risks, Resilience and Natural Resource Management: Lessons from Selected Findings. *Natural Resource Modeling* 30, Issue 1, February 2017: 91–111.
 63. R.Q. Grafton and S. Kerr (2016) Comment: Future directions for Australasian environmental economics. *Australian Journal of Agricultural Resource Economics* 60: 688-691.
 64. I. Cronshaw and R.Q. Grafton (2016) A Tale of Two States: Development and Regulation of Coal Bed Methane Extraction in Queensland and New South Wales, Australia. *Resources Policy* 50: 253-263.
 65. I. Cronshaw and R.Q. Grafton (2016) Economic Benefits, External Costs and the Regulation of Unconventional Gas in the United States. *Energy Policy* 98: 180-186
 66. R.Q. Grafton et al. (2016) Responding to Global challenges in Food, Energy, Environment and Water: Risks and Options Assessment for Decision-making (ROAD). *Asia and the Pacific Policy Studies* 3: 275-299.
 67. L.R. Little, A.J. Hobday, J. Parslow, C.R. Davies and R.Q. Grafton (2015) Funding climate adaptation strategies with climate derivatives. *Climate Risk Management*, 8: 9-15.
 68. R.Q. Grafton, J. Horne and S. Wheeler (2015) On the marketisation of water: Evidence from the Murray-Darling Basin, Australia. *Water Resource Management* 30(3): 913-926.
 69. J. Pittock, J. Williams and R. Q. Grafton (2015) The Murray-Darling Basin plan fails to deal adequately with climate change [online]. *Water: Journal of the Australian Water Association*, 42:6, 28-32.
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70. L.R. Little, and R.Q. Grafton (2015) Environmental offsets, resilience and the cost effectiveness of conservation. *Royal Society Open Science* 2:140521. <http://dx.doi.org/10.1098/rsos.14052>
 71. W. Nikolakis and R.Q. Grafton (2015) Indigenous communities and climate change: a Recognition, Empowerment and Devolution (RED) framework in the Murray-Darling Basin, Australia. *Journal of Water and Climate Change* 7(1): 169-183.
 72. A. Syed, R.Q. Grafton, K. Kalirajan, K. and D. Parham (2015) Multifactor productivity growth and the Australian mining sector. *Australian Journal of Agricultural and Resource Economics*, 59: 549–570.
 73. R.Q. Grafton, L. Chu, L. and T. Kompas (2015) Optimal Water Tariffs and Supply Augmentation for Cost-of-Service Regulated Water Utilities. *Utilities Policy* 34: 54-62.
 74. R.Q. Grafton, J. Williams, J. and Q. Jiang (2015) Food and Water Gaps to 2050. *Food Security* 7(2): 209-220.
 75. H. To and R.Q. Grafton (2015) Oil prices, biofuels production and food security: Past trends and future challenges. *Food Security* 7(2): 323-336.
 76. R.Q. Grafton, C. Daugbjerg, C. and E. Qureshi (2015) Towards Food Security by 2050. *Food Security* 7(2): 179-183.
 77. W. Nikolakis, W. and R.Q. Grafton (2015) Putting Indigenous water rights to work: The Sustainable Livelihoods Framework as a lens for remote development, *Community Development* 46(2): 149-163.
 78. S. Yamazaki, R.Q. Grafton, T. Kompas, T. and S. Jennings (2015) Are Marine Reserves and harvest Control Rules Substitutes or Complements for rebuilding Fisheries? *Resource and Energy Economics* 40: 1-18.
 79. L. Chu, T. Kompas, and R.Q. Grafton (2015) Impulse Controls and Uncertainty in Economics. *Environmental Modelling and Software* 65: 50-57.
 80. R.Q. Grafton and N.R. Lambie (2014) Australia's Liquefied Natural Gas Sector: Past Developments, Current Challenges and Ways Forward. *Australian Economic Review* 47(4): 509-522.
 81. R.Q. Grafton, L. Chu, T. Kompas and M Ward (2014) Volumetric Pricing, Social Surplus and Supply Augmentation. *Water Resources and Economics* 6: 74-87.
 82. R.Q. Grafton and T. Kompas (2014) Three Pillars of Fisheries Policy. *Asia and the Pacific Policy Studies* 1:3 609-614.
 83. R.Q. Grafton, T. Kompas and N. Van Long (2014) Increase in risk and its effects on welfare and optimal policies in a dynamic setting: the case of global pollution. *Geneva Risk and Insurance Review* 39: 40-64.
 84. W. Nikolakis and R.Q. Grafton (2014) Fairness and Justice in Indigenous water allocations: Insights from Northern Australia. *Water Policy* 16 (S2): 19-35.
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