

Professor R. Quentin Grafton, FASSA

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 Foundation Executive Director (08/11-07/13)

The Australian National University, Crawford School of Public Policy

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

Executive Director, Asian and the Pacific Policy Society (09/14-)

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

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 (CWEEP) (10/09-)

ANU Public Policy Fellow (06/12-)

Asia and Pacific Policy Society Fellow (04/14-)

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

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

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

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

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)

Canadian Department of Fisheries and Oceans, Pacific Region

Contract Economist (1/91-12/91)

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**

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, 2007, 2008, 2009, 2010, 2011, 2012, 2013 and 2014 *Who's Who in the World* (Marquis, Editions) and 2006 *Who's Who in Science and Engineering* (Marquis Edition), *Dictionary of International Biography* (2007), and *Who's Who in Australia* (2014).

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 Meeting (2007), etc.

Chair, *Marine Estate Expert Knowledge Panel* (2014-)

Chair, *International Geothermal Expert Study Group* (2013-2014)

Chair, *Social and Economics Reference Panel* of the Murray-Darling Basin Commission (2008-2009)

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)

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 Awards

1. Editor's Choice Award (Water Resources Research), given to top 1% of published papers by the American Geophysical Union, 2012.
2. National Water Commission Professor Peter Cullen Eureka Prize for Water Research and Innovation, 2011.
3. Australian National University Commendation for Outstanding Contribution to Student Learning (College of Asia and the Pacific), 2011.

4. Australian National University Vice-Chancellor's Award for Excellence in Education (Supervision), 2010.
5. Best Paper Prize (The Economic Record) of Economic Society of Australia, 2006.
6. Ontario Premier's Research Excellence Award, 2000.
7. William Evans Visiting Fellow, University of Otago, 1998.
8. Young Researcher of the Year, University of Ottawa, 1998.
9. Post-Doctoral Research Fellowship, Norwegian School of Economics and Business Administration, 1993
10. A.D. Scott Fellowship in Economics, University of British Columbia, 1991-92.
11. Albert J. Whiteley Memorial Fellowship, University of British Columbia, 1990-91.
12. Winner of the Canadian Fisheries and Oceans Essay Competition (Graduate Category), 1990.
13. Gamma Sigma Delta (Honorary in Agriculture), 1985.

Management & Administration

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 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.

As Director of Institute of the Environment (1999-2001) administered a budget (soft and hard funding) of over \$500,000/year and directly supervised six employees. As Director, was responsible for budget planning and control, evaluation of employees, staff training, fund raising and project development.

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. Currently co-ordinate the activities of researchers as part of his role as Co-Chair of the ANU Water Initiative and also direct the Centre for Water Economics, Environment and Policy (CWEEP). As Chairholder of the ANU-UNESCO Chair I administer university and external funding in excess of \$1 million.

Scholarly & Professional Activities

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

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

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

Associate Editor, *Food Security* (2014-)

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

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

Guest Editor *International Journal of Global Environmental Issues* (2007)

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

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*, (56) *Science*, (57) *Water Resources Research*, (58) *Fish and Fisheries*, (59) *Journal of Hydrology*, (60) *Rangeland Journal*, (61) *Society and Natural Resources*, (62) *Environmental Economics*, (63) *Water Policy*, (64) *Proceedings of the National Academy of Sciences (PNAS)*, (65) *Hydrogeology Journal*, (66) *Ecology & Society*, (67) *Water Resources Management*, (68) *Global Environmental Change*, (69) *Journal of Economic Surveys*, (70) *Conservation Biology*, (71) *Water Resources & Economics*, (72) *Food Security*, (73) *Journal of Development Economics*, (74) *Asia and the Pacific Policy Studies*, (75) *Nature Climate Change*, (76) *Agenda*, (77) *Australian Economic Review*, (78) *Economic Papers*, (79) *New Zealand Economic Papers*, (80) *Journal of Institutional Economics*, (81) *International Journal of Water Resources Development*, (82) *Fish & Fisheries*, (83) *Environmental Research Letters*

Consulted for numerous organizations including 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, among others.

External PhD examiner for University of New South Wales (x2), University of Sydney (x2), University of Adelaide (x2), University of Queensland (x2), University of South Australia, The Australian National University, The University of British Columbia, Curtin University, University of Western Australia, University of Montpellier, and Massey University.

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*) 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).

Selected University Administered Research Funding

1. €20,000 OECD Co-operative Research Programme
2. \$500,000 Hilda John Bequest
3. \$195,000 Commonwealth Environmental Research Facility, Environmental Economics Hub
4. \$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.
5. \$271,913 Charles Darwin University & North Australian Indigenous Land and Sea Management Alliance, Establishing Water Markets in Northern Australia
6. \$800,000 Hilda John Bequest
7. \$109,962 AusAid, Institutional Adaptation to Volatile Oil Prices
8. \$435,000 Commonwealth Environmental Research Facility, Environmental Economics Hub
9. \$288,000 Commonwealth Environmental Research Facility, Environmental Economics Hub
10. \$270,000 Australian Research Council (joint with T. Kompas and ADM Smith)
11. \$150,000 Australian Research Council (joint with K.J. Fox)
12. \$142,402 Australian Research Council (joint with K.J. Fox and R. Keenan)
13. \$80,000 Australian Research Council (joint with J. Kalish, S. Chand, S. Dovers and R. Bradbury)
14. \$70,668 Australian Research Council (joint with M. Hutchinson), awarded but declined.
15. \$150,000 Premier's Research Excellence Award, Ontario Government
16. \$170,000 Health Canada
17. \$30,000 Parks Canada
18. \$18,000 International Joint Commission

19. \$20,000 Interfaculty Award, University of Ottawa (co-investigator)
20. \$150,000 Sustainable Forest Management Network
21. \$200,000 Marsden Fund (collaborator but not principal investigator)
22. \$10,000 Young Researcher of the Year Award, University of Ottawa
23. \$3,500 Social Sciences and Humanities Research Council
24. \$3,500 University Research Services, University of Ottawa
25. \$5,000 Atlantic Institute for Market Studies
26. \$1,000 University Research Services, University of Ottawa
27. \$40,000 Social Sciences and Humanities Research Council
28. \$33,550 Environment Canada Green Plan on Economic Instruments
29. \$5,000 Faculty of Graduate Studies, University of Ottawa
30. \$3,000 Sustainable Development Institute, UBC
31. \$1,000 Council of Forest Industries
32. \$10,000 Norwegian School of Economics and Business Administration
33. \$9,800 Canadian Department of Fisheries and Oceans
34. \$1,800 Teaching-Learning Grants Subcommittee, University of Ottawa

Total Funding as Principal Investigator approx. \$4.9 million

Selected Keynotes & Presentations

1. Keynote Address, World Conference on Natural Resource Modelling, Bordeaux, France, 30 June 2015.
2. Plenary Address, 18th Annual Conference on Global Economic Analysis, Melbourne 19 June 2015.
3. Plenary Address, World Geothermal Congress, Melbourne, 24 April 2015.
4. Keynote address, International Conference on Ecohydrology, Yogyakarta 11 November, 2014.
5. Keynote address, National Water Policy Summit, Sydney, Australia 15th October 2014.
6. Keynote Address, 6th IAHS-EGU International Symposium on Integrated Water Resources Management, Bologna, Italy 5 June 2014.
7. Invited Address, Harvard University, 'Resilient Public Policy' 28 March 2014.
8. Keith Campbell Distinguished Lecture, 'Boom of Bust: Where to Australia?' Australian Agricultural and Resource Economics Society, Port Macquarie, 7 February 2014.

9. Public Address, "Australian Natural Gas Exports: Investment, Production and Exports" Observer Research Foundation, Mumbai, India 25 April 2013.
10. 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.
11. Invited Address, Energy State of the Nation, 'Evidence-based Energy Policy', Sydney, 22 March 2013.
12. Invited Address, University of Tokyo, 'Reflections on Energy Security in the Asia Pacific', Tokyo, 27 February 2013.
13. Invited Address, Sustainable Irrigation 2012, 'Optimising Water Allocations for Irrigation and the Environment', Adelaide, 11 December 2012.
14. Invited Address, Australian Business Economists, Sydney, 5 December 2012.
15. Invited Address, Chatham House (London), 'Millennium Resources Boom and Prospects for Coal and Gas in the Asia-Pacific', 29 October 2012.
16. Public Address, Oxford University, 'Water Governance: Insights from Four River Basins', 29 October 2012.
17. Keynote Address, 'Australia and the Millennium Mining Boom', Australian National Conference on Resources and Energy, Canberra, 18 September 2012.
18. Keynote Address, 'Economic Outlook for Australian Resources: Prices, Investments and Volumes', Association of Mining and Exploration Companies, Perth, 4 September 2012.
19. Committee for the Economic Development of Australia (CEDA), State of the Nation, Major Mining Projects and Investment, Canberra, 19 June 2012.
20. Invited Address, Economic Club of Canada, 'The Resources Commodities Boom: Past and Future Perspectives', Ottawa, 21 February 2012.
21. Invited Address, Department of Finance & Deregulation, 'Urban Water Reform', 27 July 2011
22. Keynote address, Resilience: Can our Environment Keep Bouncing Back? University of Sydney, 8 July 2011.
23. Keynote address, Australian Water Association Annual Conference, 29 June 2011.
24. Invited address, Australian Embassy in US, Economics of Water Reform in the Murray-Darling Basin, 18 February 2011.
25. Invited Address, Congressional Research Service, Water markets and Transfers: US and Australian Experiences, 17 February 2011.
26. Plenary address, Australian Agricultural and Resource Economics Society Annual Meeting, 9 February 2011.
27. Invited Address, Environment Institute of Australia and New Zealand Counterintuitive Seminars, 4 November 2010
28. Invited Address, National Press Club of Australia, Murray-Darling Basin Plan: River Rescue or Rural Disaster, 20 October 2010.

29. Keynote speaker at 8th Annual Water Summit, 26 October 2010.
30. Keynote speaker at AARES Special Symposium on Urban water Symposium, 30 September, 2010.
31. Keynote speaker, The Pelagic Complex in the Northeast Atlantic Ocean, Faroe Islands, 9 September 2010.
32. Invited Address, Prime Minister & Cabinet, Moving Forward with Water Reform in Australia, 20 August 2010.
33. Keynote speaker at Australian Economic Forum 2010, 6 August 2010.
34. Keynote address to the 11th Australian Competition & Consumer Commission Regulatory Conference, 30 July 2010.
35. Plenary speaker at Australia 21 Conference 'Shaping Australia's Resilience: Policy Developments for an Uncertain Future', 16 February 2010.
36. Keynote address at Australian Mathematical Sciences Institute 'The Mathematics of Water Supply and Pricing' 15 July 2008.
37. Chair, 6th Australian Water Summit, 7 March 2008.
38. Plenary address, 52nd. AARES Annual Meeting, 7 February 2008
39. AARES/Economic Society Special Presentation 13 December 2007
40. 3rd Annual Water Pricing Conference, Sydney, 27 September 2007
41. Invited Address, Australian Treasury, 17 September 2007
42. Invited Address, Senior Executive Service, Australian Public Service, 30 August 2007
43. Ocean Management Research Network (Canada), 11 July 2007
44. Invited Address, Fisheries and Ocean Canada, Ottawa, 6 July 2007
45. Invited Address, Great Green Debate, ANU Sustainability Network, 5 June 2007
46. Invited Address, University of Adelaide, 27 April 2007
47. Invited Address, Global Change Symposium, National Museum of Australia, 22 June 2006
48. Invited Address, Reserve Bank of New Zealand, 7 April, 2006
49. Invited Address, AARES Symposium 2005, November 11, Canberra, Australia.
50. Invited Address, Department of Economics, University of Adelaide, October 29 2004
51. AARES Symposium 2004, October 7 Auckland, New Zealand
52. Environment Roundtable, Sydney, Australian Industries Group, June 22, 2004
53. Invited Address, Department of Economics, University of New South Wales, April 23, 2004
54. Invited Address, Bureau of Rural Sciences, Canberra, March 12, 2004

55. Invited Address, Department of Economics, University of Otago, October 29, 2003
56. Invited Address, Department of Economics and Finance, La Trobe University, Melbourne September 26 2003
57. Invited Address, Department of Finance, Canada July 7 2003
58. Invited Address, Department of Fisheries and Oceans, Canada July 8 2003
59. Invited Address, Department of Economics, University of Queensland, May 30 2003
60. Invited Address, Economics Measurement Group, Centre for Applied Economics Research, University of New South Wales, September 2002
61. 4th Toulouse Conference on Environment and Resource Economics, May 2001
62. Invited Address, Canterbury University, New Zealand, 2001
63. Keynote Address, Le Séminaire Matsuzewski, Université Laval, 2001
64. Invited Address, Department of Fisheries & Ocean, Canada, 2000
65. Invited Address, Wood's Hole Oceanographic Institute, USA, 2000
66. Invited Speaker at the International Institute for Fisheries Economics and Trade, World Conference 2000, Oregon, USA
67. Invited Address, University of Queensland, Brisbane, Australia, 1999
68. Invite Address, New Zealand Ministry of Fisheries, Wellington, New Zealand, 1999
69. Invited Address, Massey University, New Zealand, 1999
70. Invited Address, Australian Bureau of Agricultural and Resource Economics, Canberra, Australia, 1999.
71. Invited Address, Lincoln University, New Zealand, 1998
72. Invited Address, New Zealand Ministry of Commerce, Wellington, New Zealand, 1998
73. Keynote Speaker at International Conference on Public Sector Efficiency, Sydney, Australia, 1998.
74. Australian Fisheries Management Authority, Canberra, Australia, 1997
75. Australian Bureau of Agricultural and Resource Economics, Canberra, Australia, 1997.
76. Invited Address, Imperial College, London, England, 1995
77. 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, Greece, France, India, Italy, Japan, Jordan, Malaysia, Mozambique, New Zealand, Norway, Singapore, South Africa, Sweden, United Kingdom and the USA.

Student Supervision 16 PhD (2 in progress & 14 completed) and 15 Master students as principal supervisor
27 PhD (in total) as supervisor or as member of supervisory committee
13 PhD as external university examiner

Languages French

**Refereed
Journal
Publications**

1. R.Q. Grafton, J. Horne and S. Wheeler. On the Marketization of Water: Theory and Evidence from the Murray-Darling Basin, Australia. *Water Resource Management* DOI 10.1007/s11269-015-1199-0.
2. R. Little and **R.Q. Grafton**. Environmental offsets, resilience and the cost effectiveness of conservation. *Royal Society Open Science* <http://rsos.royalsocietypublishing.org/content/royopensci/2/7/140521.full.pdf>.
3. W. Nikolakis and **R.Q. Grafton**. Indigenous Communities and Climate Change: Recognition, Empowerment and Devolution in the Murray-Darling Basin, Australia. *Journal of Water and Climate Change* doi:10.2166/wcc.2015.058
4. A. Syed, **R. Q. Grafton**, K. Kalirajan and D. Parham. Multi-factor Productivity Growth and the Australian Mining Sector. *Australian Journal of Agricultural and Resource Economics* 59: 1-22.
5. **R.Q. Grafton**, L. Chu and T. Kompas. Optimal Water Tariffs and Supply Augmentation for Cost-of-Service Regulated Water Utilities. *Utilities Policy* 34: 54-62, 2015
6. R. Little, A.J. Hobday, J. Parslow, C.R. Davies and **R.Q. Grafton** Put Up or Shut Up: Funding Climate Adaptation with Climate Derivatives. *Climate Risk Management* 8: 9-15, 2015
7. **R.Q. Grafton**, J. Williams and Q. Jiang. Food and Water Gaps to 2050. *Food Security* 7(2): 209-220, 2015.
8. H. To and **R.Q. Grafton**. Oil prices, biofuels production and food security: Past trends and future challenges. *Food Security* 7(2): 323-336, 2015
9. **R.Q. Grafton**, C. Daugbjerg and E. Qureshi. Towards Food Security by 2050. *Food Security* 7(2): 179-183, 2015.
10. W. Nikolakis, **R.Q. Grafton** and H. To. Putting Indigenous water rights to work: Evidence from tropical Northern Australia, *Community Development* <http://dx.doi.org/10.1080/15575330.2015.1009922>, 2015
11. S. Yamazaki, **R.Q. Grafton**, T. Kompas and S. Jennings. Are Marine Reserves and harvest Control Rules Substitutes or Complements for rebuilding Fisheries? *Resource and Energy Economics* 40:1-18, 2015
12. L. Chu, T. Kompas and **R.Q. Grafton**. Impulse Controls and Uncertainty in Economics. *Environmental Modelling and Software* 65: 50-57, 2015

13. **R.Q. Grafton** and R.N. Lambie. Australia's Liquefied Natural Gas Sector: Past Developments, Current Challenges and Ways Forward. *Australian Economic Review* 47(4): 509-522, 2014
14. **R.Q. Grafton**, L. Chu, T. Kompas and M Ward. Volumetric Pricing, Social Surplus and Supply Augmentation. *Water Resources and Economics* 6: 74-87, 2014, 2014
15. **R.Q. Grafton** and T. Kompas. Three Pillars of Fisheries Policy. *Asia and the Pacific Policy Studies* DOI: 10.1002/app5.36, 2014.
16. **R.Q. Grafton**, T. Kompas and N. Van Long. 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: 40-62, 2014.
17. W. Nikolakis and **R.Q. Grafton**. Fairness and Justice and Community Water Allocations: Insights from Indigenous Communities in Northern Australia. *Water Policy* 16:19-35, 2014
18. **R.Q. Grafton**, J. Pittock, J. Williams, Q. Jiang, J. Quiggin and H. Possingham. Water planning under hydro-climatic variability in the Murray Darling Basin, Australia. *Ambio* doi 10.1007/s13280-0014-0495-x, 2014.
19. **R.Q. Grafton**, T. Kompas, N. Van Long and H. To. US Biofuel Subsidies and CO₂ Emissions: An Empirical Test for a Weak and Strong Green Paradox. *Energy Policy* 85: 550-555, 2014.
20. N. Linh-Son, **R.Q. Grafton**, H. To and T. Kompas. Multiple Use Management Strategies and Marine Reserves. *Reviews in Fisheries Science & Aquaculture* 22(2): 131-141, 2014.
21. **R.Q. Grafton** and J. Horne. Water Markets in the Murray-Darling Basin. *Agricultural Water Management*
<http://dx.doi.org/10.1016/j.agwat.2013.12.001>
22. S. Akter, **R.Q. Grafton** and W. Merritt. Integrated Hydro-Ecological and Economic Modelling of Environmental Flows: Macquarie Marshes, Australia. *Agricultural Water Management*
<http://dx.doi.org/10.1016/j.agwat.2013.12.001>
23. Nikolakis, W., **R.Q. Grafton** and H. To. Indigenous Values and Water Markets: Survey Insights from Northern Australia. *Journal of Hydrology* 500: 12-20, 2013.
24. I. Cronshaw and **R.Q. Grafton**. Reflections on Energy Security in the Asia Pacific. *Asia and the Pacific Policy Studies* 1(1): 127-143, 2013.
25. **R.Q. Grafton** et al. Global Insights about Water, Climate Change and Governance *Nature Climate Change* DOI: 10.1038/NCLIMTE1746, 2012, 2013
26. R. Little, G. Fay, J. Parslow, A.D.M. Smith, **R.Q. Grafton**, A.E. Punt and G.N. Tuck. Fisheries risk analysis using stochastic models and financial concepts. *Conservation Letters* DOI:10.1111/conl12041, 2013.
27. **R.Q. Grafton**, T. Kompas and N. Van Long. Substitution between Biofuels and Fossil Fuels: Is there a Green Paradox? *Journal of Environmental Economics and Management* 64(3): 328-341, 2012.

28. C. Cvitanovic, ..., **R.Q. Grafton** et al. Critical Research Needs for Managing Coral Reef Marine Protected Areas: Perspectives of Academics and Managers. *Journal of Environmental Management* <http://dx.doi.org/10.1016/j.jenvman.2012.10.051>, 2012.
29. N. Ratna, **R.Q. Grafton**. Does Multiculturalism Pay? Evidence from the US and Canada. *Economic Papers* 31(4): 401-417, 2012
30. **R.Q. Grafton**, T. Kompas, L. Chu and N. Che. Dynamic BMEY as a fisheries management target. *Fish & Fisheries* 13: 303-312, 2012.
31. S. Yamazaki, **R.Q. Grafton**, T. Kompas and S. Jennings. Biomass management targets and the conservation and economic benefits of marine reserves. *Fish & Fisheries* DOI: 10.1111/faf.12008, 2012
32. Q. Jiang and **R.Q. Grafton**. Economic effects of climate change in the Murray-Darling Basin, *Agricultural Systems* 110: 10-16, 2012.
33. **R.Q. Grafton**, C. Landry, G. Libecap, S. McGlennon and B. O'Brien. Integrated Assessment of Water Markets: Australia, Chile, China, South Africa and the US. *Review of Environmental Economics and Policy* 5(2): 219-239, 2012.
34. P. Katic and **R.Q. Grafton**. Economic and Spatial Modelling of Groundwater Extraction. *Hydrogeology Journal* 20: 831-834.
35. **R.Q. Grafton**, T. Kompas, H. To and M. Ward. Determinants of Residential Water Consumption: Evidence from an International Survey. *Water Resources Research* 47: <http://dx.doi.org/10.1029/2010WR009685>.
36. P. Katic and **R.Q. Grafton**. Optimal Groundwater management under Uncertainty: Resilience versus Economic Payoffs *Journal of Hydrology* 406: 215-224.
37. **R.Q. Grafton**, G. Libecap, E.C. Edwards, R. O'Brien and C. Landry. Comparative Assessment of Water Markets: Insights from the Murray-Darling Basin, Australia and the Western USA *Water Policy* 14: 175-193.
38. **R.Q. Grafton** and Q. Jiang. Economic Effects of Water Recovery on Irrigated Agriculture in the Murray-Darling Basin. *Australian Journal of Agricultural and Resource Economics* 55: 487-499, 2011.
39. **R.Q. Grafton**, S. Akter and T. Kompas. A Policy-Enabling Framework for the Ex-Ante Socio-Economic Evaluation of Marine Protected Areas. *Ocean and Coastal Management* 54: 478-487, 2011.
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