

## ***Curriculum Vitae: Viktoria Kahui (Economics)***

### **1. Personal Information**

Name: Viktoria Kahui (nee Schneider)

### **2. Qualifications**

- (a) PhD Economics, University of Otago, May 2006  
MSc Environmental & Resource Economics, University College London, 1999  
BSc (Hons) Economics, Brunel University, UK, 1994
- (b) Are you **currently enrolled** in a higher degree qualification: No

### **3. Professional Membership**

International Institute of Fisheries Economics and Trade (IIFET)

### **4. Employment History**

- (a) Present Position  
Senior Lecturer, University of Otago, Department of Economics (Feb 2009 – present)
- (b) Employment History  
Postdoctoral Fellow, University of Tromso, Norway (2006-2009)  
Policy Analyst, Ministry of Fisheries, NZ (2005-2006)  
Research Assistant, Centre for European Economic Research, Germany (2000-2002)

### **5. Other Relevant Experience**

- (b) Ongoing collaboration
  - With Assoc. Prof. Janice Lord (Botany, University of Otago)
  - With Dr. Brendan Moyle (Massey, Auckland)
  - With Prof. Claire Armstrong ( University of Tromso, Norway)

#### International Collaboration

Participation in PROTECT (Marine Protected Areas as a Tool for Ecosystem Conservation and Fisheries Management), an interdisciplinary research project involving 17 European institutions (co-funded by the European Commission within the Sixth Framework Programme), 2007-2009.

### **6. Research Activities**

- (a) Research Expertise  
Bioeconomic modeling, natural resource economics, environmental economics.
- (b) Experience in contract research/consulting  
Lovelock, B., V. Kahui and O. O'Sullivan: Estimating the Value of Helicopter-assisted Guided Hunting. Unpublished report, *Centre for Recreation Research*, School of Business, University of Otago, Dunedin, February 2012.  
Foley, N., C.W. Armstrong, X. Chen, V. Kahui, E. Mikkelsen, S. Reithe and I.W. Kaspersen. Report on coral-fisheries interactions – theoretical and applied bioeconomic analysis. CoralFISH, funded under Seventh Framework Project, *European Commission CORDIS*, Deliverable 35, Work package 8: Economic Models and Policy Advice, October 2011.

Phipps, H., A. Akins, H. Moller, P. Lyver, V. Kahui and D. Towns: Cross-cultural values for restoring coastal forest ecosystems in New Zealand. Prepared for the *Department of Conservation*, Wellington, New Zealand, May 2011.

Armstrong, C.W., V. Kahui & M. Aanesen: Økonomisk verdsetting av havmiljø – Anvendelse på havområdene i Lofoten-Vesterålen (Economic valuation of the coastal environment – An application to the coast of Lofoten-Vesterålen, Norway). Report to the *Department of Environment*, Norway, April 2008.

Brief of evidence of W. Robert J. Alexander in the court case of Jackson Bay Mussels Limited/Arawata Mussels Limited vs. the West Coast Regional Council, January 2004. Contribution: Research and compilation of evidence.

Schneider, V. and W.R.J. Alexander: Economic assessment of the NZ Marine Studies Centre at Portobello, Otago Peninsula. *Marine Studies Centre*, November 2002.

Alexander, W.R.J. and V. Schneider: Economic appraisal of a proposed wildlife sanctuary at Orokonui. *Orokonui Sanctuary*, Wellington, June 2002.

Alexander, W.R.J.: The economic value of the Port of Otago to its region. A report commissioned by *Port Otago Limited*, September 2001. Contribution: A section on the valuation of environmental goods.

(c) Research Grants where I was the principal investigator:

Accommodation Grant by the Norwegian College of Fisheries (Tromsø) April 2017; Accommodation paid for the value of \$4,000

Commerce Research Grant (*Individual Transferable Ecosystem Quotas (ITEQ): Managing Fisheries and Ecosystems*) Jan 2016-June 2016; Budget \$5,964

University of Otago Early Career Grant (*Lessons from resource management by indigenous Maori in New Zealand: Governing the ecosystems as a commons*) Jan 2013-July 2013; Budget \$5,000

University of Otago Research Grant (*Virtual boundaries in New Zealand waters: an agent-based model of fishing quota values*) Jan 2011 – Dec 2012; Budget \$2,000

(d) Supervision of Students

Courtney Simpson, PhD, Etienne Nel (34%), Viktoria Kahui (33%), Janet Stephenson (33%); 2021-ongoing

Lockie Woon, MEcon, 2021

Hanny John Mediodia, PhD, Illan Noy (Victoria University, Wellington) (100%), Viktoria Kahui (advisor), 2019-ongoing

Annabelle Cullinane, Summer Scholarship, 2018

Jack Cranston, Summer Scholarship, 2018

Andrew Beattie, MEcon, 2018

Prince Etwire, PhD, Viktoria Kahui (51%), David Fielding (49%), 2018

Sunkita Howard, PhD, Mike Paulin, Chris Hepburn, Jenny Rock, Richard Brill, Viktoria Kahui (10%), 2017

Joe Brown, MEcon, 2017

Daniel Hamill, Summer Scholarship, 2016

Kate Eyre, 4<sup>th</sup> year Hons, 2015

Leon Jiang, MCom, Brent Lovelock (50%), Viktoria Kahui (25%), Paul Thorsnes (25%), 2014

Sophal Chun, PhD, Henrik Moller (60%), Viktoria Kahui (20%), Paul Thorsnes (20%), 2014

Todd Hale, MBus, 2012

Amanda DeMers, MIntSt, Tom Brooking, Viktoria Kahui (advisor), 2010

Rui Wang, MBus, 2010

Aimee Ross, 4<sup>th</sup> year Hons, 2009

## 7. Distinctions

Winner of 2018 OUSA Teaching Excellence Awards (*Otago Business School*)

Nomination for 2017 OUSA Best Teacher Award

Nomination for 2016 Supervisor of the Year Award

Nomination for 2016 OUSA Best Teacher Award

*Otago Business School Emerging Researcher Award, 2012*

Research award: \$5,000

Nomination for 2011 Disabilities Awareness and Inclusive Teaching Award

*Best Student Paper Award, 2004*

International Institute of Fisheries Economics and Trade (IIFET) Conference, July, Tokyo, Japan, Prize: US \$500

*Jan Whitwell Prize, 2002* (Best Presented Student Conference Paper)

New Zealand Association of Economists (NZAE) Conference, June, Wellington, NZ, Prize: NZ \$800

*University of Otago Prestigious Scholarship, 2002*

Three-year scholarship towards the degree of Doctor of Philosophy

*Distinction, 2000* (M.Sc. Thesis, UCL, London, UK)

*First Class with Honours, 1998* (B.Sc. Economics, Brunel University, UK)

*News Writer of the Year Award, 1997*

'Route 66' (student paper), Brunel University, UK

## 8. Teaching Activities

### (a) Range and level of teaching

ECON112: Principles of Economics II

ECON201: Microeconomics

ECON207: Environmental Economics

ECON308: Public Economics

ECON351: Economics of Households and Wellbeing

ECON407: Natural Resources and Economic History

### Guest lectures (regular and one-off)

AQFI352: Fisheries Ecology

MAOR303: Ngai Tahu and the Natural Environment

ECOL212: Ecological Applications

### (b) Development of teaching materials

Kahui, V. Taking ownership of ecosystem services. *EcoNZ@Otago*, Issue 40, February 2018, p. 1-3.

Armstrong, C.W., V. Kahui, G.W. Vondolia, M. Aanesen and M. Czajkowski. How do people's values for cold water corals affect fisheries management? *EcoNZ@Otago*, Issue 39, August 2017, p. 5-7.

Kahui, V. and A.C. Richards. Once we were an ecosystem people: lessons from resource management by indigenous Maori. *EcoNZ@Otago*, Issue 34, March 2015, p. 13-15.

Kahui, V. Economic incentives for sea lion by-catch in New Zealand. *EcoNZ@Otago*, Issue 26, March 2011, p. 7-8.

Aanesen, M., C.W. Armstrong and V. Kahui. The economic value of a Norwegian marine paradise. *EcoNZ@Otago*, Issue 23, October 2009, p. 1-4.

Schneider, V. and D. Pearce. Did regulation save the whales. *Competition and Regulation Times*, Issue 16, May 2005, p. 1-3.

Schneider, V. Paua to the people! How might paua divers respond to marine reserves? *EcoNZ@Otago*, Issue 14, February 2005, p. 1-3.

Schneider, V. and D. Pearce. What saved the whales from extinction? An economic analysis of 20<sup>th</sup> century whaling. *EcoNZ@Otago*, Issue 13, July 2004, p. 1-3.

(c) Teaching administration and leadership, quality assurance, evaluation

Examiner for PhD by Rachel Nichols “Sustainable fisheries and habitat-fishery interactions.” University of Tasmania 2019.

External Moderation for BUS102 Introduction to Economics, University of Sunshine Coast (USC), Brisbane, Australia, 2018

Review of Tietenberg & Lewis (“Environmental & Natural Resource Economics”, 10th edition, 2015) for Routledge for teaching.

Examiner for PhD by Giovanni F. G. Barrios “Financing environmental sustainability for small landholders in Guatemala: exploring the potential of the carbon banking approach.” Lincoln University 2015.

Second Assessor for BMBA 540 Business Project “Economic analysis of freshwater national policy statement regulatory changes; Rabobank New Zealand”; Otago MBA, Executive Program, 20 September 2013.

External oral examiner for PhD by Yu Wen Yang “The Empirically evaluating ITQ-based self-governance in New Zealand fisheries management”; Lincoln University 2012.

## 9. Student evaluations of teaching

Available on request.

## 10. Publications

(c) Refereed Journal Articles (25)

Fielding, D., V. Kahui and D. Wesselbaum (2020). Visual imagination and the performance of undergraduate economics students. *New Zealand Economic Papers*. 54(2): 127-137.

Kahui, V. and A. Cullinane (2019). The ecosystem commons. *New Zealand Journal of Ecology* 43(3): 3380.

Howard, S., V. Kahui and J. Rock (2019). The opportunity cost of spiny dogfish (*Squalus acanthias*) bycatch in a ling (*Genypterus blacodus*) long line fishery. *Marine Policy* 105: 38-43.

Etwire, P.M., D. Fielding and V. Kahui (2018). Climate change, crop selection and agricultural revenue in Ghana: a structural Ricardian analysis. *Journal of Agricultural Economics*. doi: 10.1111/1477-9552.12307

Kahui, V., B. Moyle and A. Brunell (2017). Alligator conservation and hunting efficiency. *Natural Resource Modelling*; DOI: 10.1111/nrm.12155

Armstrong, C.W., V. Kahui, G.W. Vondolia, M. Aanesen and M. Czajkowski (2017). Use and non-use values in an applied bioeconomic model of fisheries and habitat connections. *Marine Resource Economics* 32(4): 351-369.

Kahui, V., C.W. Armstrong and G.K. Vondolia (2016). Bioeconomic analysis of habitat-fishery connections - fishing on cold water coral reefs. *Land Economics* 92(2): 328-343.

Armstrong, C.W., Foley, N.S. and V. Kahui (2016). A production function analysis of fisheries and habitat - open access versus optimal management. *Land Economics* 92(4):760-771.

- Kahui, V., C.W. Armstrong and N.S. Foley (2016). An international view on "Correcting the whimsies of US fisheries policy". *Choices* 31(3):1-7.
- Pascoe, S., T. Hutton, V. Kahui and C. Dichmont (2016). Experiences with the use of bioeconomic models in the management of Australian and New Zealand fisheries. *Fisheries Research* 183: 539-548.
- O'Lyver, P.B., A. Akins, H. Phipps, V. Kahui, D. Towns and H. Moller (2016). Key biocultural values to guide restoration action and planning in New Zealand. *Restoration Ecology*. Doi: 10.1111/rec.12318
- Chhun, S., V. Kahui, H. Moller and P. Thorsnes (2015). Advancing marine policy towards ecosystem based management by eliciting public preferences. *Marine Resource Economics* 30(3):261-275.
- Kahui, V. and A.C. Richards (2014). Lessons from resource management by indigenous Maori in New Zealand: Governing the ecosystems as a commons. *Ecological Economics* 102:1-7.
- Hale, T., Kahui, V. and D. Farhat (2014). A modified possibility frontier for efficient forestry management under the New Zealand emissions trading scheme. *The Australian Journal of Agricultural and Resource Economics* 58: 1-17.
- Armstrong, C.W., N.S. Foley, V. Kahui and A. Grehan (2014). Cold water coral reef management from an ecosystem service perspective. *Marine Policy* 150:126-134.
- Aanesen, M., C.W. Armstrong and V. Kahui (2013). Okonomisk verdsetting av havmiljø (Economic value of marine cost). *Samfunnsøkonomene* (Society and Economics) 127(4): 72-81
- Eggert, H. and V. Kahui (2013). Reference-dependent behavior of paua (abalone) divers in New Zealand. *Applied Economics* 45(12): 1571-1582.
- Foley, N., C.W. Armstrong, V. Kahui, E. Mikkelsen & S. Reithe (2012). A review of bioeconomic modeling of habitat-fisheries interactions. *International Journal of Ecology* 2012; Article ID 861635, 11 pages (open access journal).
- DeMers A. and V. Kahui (2012). An overview of Fiji's fisheries development. *Marine Policy* 36: 174-179.
- Kahui, V. (2011). A bioeconomic model for Hooker's sea lion bycatch in New Zealand." *The Australian Journal of Agricultural and Resource Economics* 55: 1-20.
- Foley, N., C.W. Armstrong, V. Kahui and T. Van Rensburg (2010). Estimating linkages between redfish and cold water coral on the Norwegian coast. *Marine Resource Economics* 25: 105-120.
- Armstrong, C.W., A.J. Grehan, V. Kahui, E. Mikkelsen, S. Reithe and S. Van den Hove (2009). Bioeconomic modelling and the management of cold-water coral resources. *Oceanography* (HERMES Special Issue Feature) 22(1): 87-91.
- Kahui, V. and W.R.J. Alexander (2008). A bioeconomic analysis of marine reserves for paua (abalone) management at Stewart Island, New Zealand. *Environmental and Resource Economics* 40(3): 339-367.
- Grafton, R.Q., T. Kompas, and V. Schneider (2005). The bioeconomics of marine reserves: a selected review with policy implications. *Journal of Bioeconomics* 7(2): 161-178.
- Schneider, V. and D. Pearce (2004). What saved the whales? An economic analysis of 20<sup>th</sup> century whaling. *Biodiversity and Conservation* 13: 543-562.

(f) Book review articles

- Kahui, V. (2014), Review of Hallwood, P. (Economics of the Oceans. Rights, Rents and Resources) in *Marine Resource Economics* 30(1):121-122.

## 11. University Service

- (a) Significant positions held within Department
  - Academic Board, 2020
  - Masters Coordinator, 2017-ongoing
  - Maori Liaison Officer, 2009-ongoing
  - Departmental Facebook Manager, 2017-2018
  - Hiring Committee member, 2018
  - Hiring Committee member, 2015
  - Economics Seminar Series Coordinator, 2014-2016
  - Undergraduate Liaison Officer, 2013
  - School Liaison Officer, 2009-2013
  - Member of the Research Committee, 2010-2013
  - Social Secretary, 2010
  - Brownbag Seminar Coordinator, 2010
  - Panel member for the review of the microeconomics paper sequence, 2009
  - Interview panel member for a teaching fellowship position, 2009
- (b) Significant positions held at a University level
  - Commerce Representative for the Quality Advancement Committee (QAC), June 2020-ongoing
  - Facilitating William Evans Fellowship for Prof. Claire Armstrong, University of Tromso, Norway; December 2019
  - UORG panel member, July 2018
  - Member of Review Panel for the Department of Mathematics and Statistics, 1-3 April 2014

## 12. Professional Activities

- (a) Academic and professional advice and services
  - (i) Service to public sector departments
    - Expert panel member for the Living Standards Framework (3 trips to Wellington for meetings with the Treasury/Hon Grant Robertson/Hon James Shaw; August-October 2018; all expenses paid)
  
    - Commission to review the report “Tax and the environment - Paper I: Frameworks” by the New Zealand Treasury (Tax Working Group); June 2018
- (b) Service to external academic and/or professional activities
  - (i) Service to professional association
    - Executive Committee member (elected) for the International Institute of Fisheries Economics and Trade (IIFET), 2014-2018
  
    - Chair of Best Student Paper Award Committee, IIFET, Seattle, 2018
  - (iii) Refereeing of journal articles (ABDC ranking, where available, in brackets)
    - Marine Resource Economics (A)*, 2020
    - Ocean and Coastal Management*, 2020
    - Resource and Energy Economics (A)*, 2019
    - Journal of Environmental Management (A)*, 2018
    - Marine Policy (A)*, 2018
    - European Journal of Operational Research (A\*)*, 2018
    - Natural Resource Modeling*, 2017
    - Environmental Science and Policy*, 2017
    - Environment and Development Economics (B)*, 2017

*Kotuitui: New Zealand Journal of Social Science*, 2016  
*Journal of Environmental Management (A)*, 2016  
*Fisheries Management and Ecology*, 2015  
*Ecological Modelling*, 2015  
*The Australian Journal of Agricultural and Resource Economics (A)*, 2015  
*ICES Journal of Marine Science*, 2015  
*Kotuitui: New Zealand Journal of Social Science*, 2013  
*Land Economics (A)*, 2013  
*The Australian Journal of Agricultural and Resource Economics (A)*, 2013  
*Land Economics (A)*, 2012  
*Marine Resource Economics (A)*, 2009

(vi) Conference papers presented

International Institute of Fisheries Economics and Trade (IIFET) Conference,  
 Seattle, USA, July 2018  
 International Institute of Fisheries Economics and Trade (IIFET) Conference,  
 Aberdeen, Scotland, July 2016  
 North American Association of Fisheries Economists (NAAFE) Conference,  
 St. Petersburg, Florida, US, May 2013  
 International Institute of Fisheries Economics and Trade (IIFET) Conference,  
 Dar es Salaam, Tanzania, July 2012  
 New Zealand Marine Science Society (NZMSS) Conference, Stewart Island,  
 NZ, July 2011  
 International Institute of Fisheries Economics and Trade (IIFET) Conference,  
 Montpellier, France, July 2010  
 9<sup>th</sup> Annual BIOECON Conference on Economics and Institutions for  
 Biodiversity Conservation, Kings College Cambridge, UK, September  
 2007  
 European Symposium on MPAs as a tool for Fisheries Management &  
 Ecosystem Conservation, Murcia, Spain, September 2007  
 The European Association of Fisheries Economists (EAFE) Conference,  
 Reykjavik, Iceland, July 2007  
 Second Nordic Workshop in Behavioral and Experimental Economics,  
 Gothenburg, Sweden, November 2007  
 New Zealand Association of Economists (NZAE) Conference, Wellington,  
 NZ, June 2002  
 International Institute of Fisheries Economics and Trade (IIFET) Conference,  
 Tokyo, Japan, August 2004 and Wellington, NZ, June 2002

(viii) Seminar presentations

Victoria University, Economics, Wellington 2019  
 National Oceanic and Atmospheric Administration (NOAA), Honolulu 2017  
 University of Hawaii, Biology, Honolulu 2017  
 University of Hawaii, Economics, Honolulu 2017  
 University of Tromso, Economics, Norway 2017  
 University of Otago, Economics, Dunedin 2016  
 University of Otago, Marine Sciences, Dunedin 2016  
 University of Otago, Zoology, Dunedin, 2012  
 Massey University, Auckland, 2011  
 University of Otago, Dunedin, 2009-2011  
 University of Tromso, Norway, 2008  
 Victoria University, Wellington, 2004

### 13. Community Service

- (a) Continuing Education, Community Debate and Community Development
- (i) Media commentaries and columns on professional matters  
Interview about my research for local Dunedin paper *DScene* entitled “Looking back to help future environment”; 17 April 2013  
Invitation to feature “An overview of Fiji's fisheries development.” (*Marine Policy* 36: 174-179; DeMers and Kahui 2012) on *EarthEmphasis* (<http://earthemphasis.com/>)  
Radio interview (21 July 2009, 11-12am): Are New Zealand fisheries sustainable? Live recording, interviewer: Marvin Hubbard, Toroa Radio, Dunedin; Other participant: Dr. Liz Slooten, Zoology Department, Otago  
Radio panel member (6 April 2009, 6-8pm): Economic models for equitable ecologically sustainable economy. Live recording, talk host: Marvin Hubbard, Toroa Radio, Dunedin
- (ii) Public lectures  
Collegiate Leaders’ Forum, lecture on ‘The Living Standards Framework’, Otago, 7 December 2018  
U3A (University of the Third Age) lecture on “Economics and Ecology” in a series of economics lectures entitled *Hot Topics in Economics*, Dunedin, 26 June 2013  
Public lecture on “Mining in the Conservation Estate” and Panel Discussion, University of Otago, Research Cluster for Natural Resource Law, 30 April 2010  
Public lecture at the Mining in the Conservation Estate Symposium, Institute of Policy Studies, Victoria University, Wellington, 23 August 2010
- (d) Other Examples of Community Service  
Statement before Dunedin City Council regarding the environmental impacts of a proposed landfill at Smooth Hill, Dunedin, 5 August 2020 (see livestream at <https://www.youtube.com/watch?v=9AHGocKhq6Q>)  
Statement of evidence before the Canterbury Regional Council at Oamaru in the matter of “Proposed Plan Change 3 to the Waitaki Catchment Water Allocation Regional Plan”, May 2015  
(*I was asked by the Lower Waitaki River Management Society to review an economic report by Harris Consulting, commissioned by Meridian Energy and dairy farm irrigators*)  
Expert witness at the Environment Court hearing at Oamaru, 10 June 2015