

# CURRICULUM VITAE

## Levente Timar

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### PRESENT POSITION

Research Economist                      Institute of Geological and Nuclear Sciences  
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### EDUCATION

PhD	Economics	North Carolina State University	2008
MA	Economics	North Carolina State University	2004
BA	Economics	University of Northern Iowa	2001

### PAST POSITIONS

Adjunct Lecturer	North Carolina State University	2009
Tutor	North Carolina State University	2008-2009
Graduate Research Assistant	North Carolina State University	2004-2008
Graduate Teaching Assistant	North Carolina State University	2001-2003, 2008

### PEER-REVIEWED PUBLICATIONS

Kerr, S.; Anastasiadis, S.; Olssen, A.; Power, W.; **Timar, L.** and Zhang, W. 2012. "Spatial and Temporal Responses to an Emissions Trading Scheme Covering Agriculture and Forestry: Simulation Results from New Zealand." *Forests*, 3(4):1133-1156.

**Timar, L.** and Phaneuf, D.J. 2009. "Modeling the Human-Induced Spread of an Aquatic Invasive: The case of the Zebra Mussel." *Ecological Economics*, 68: 3060–3071.

### OTHER PUBLICATIONS

Kerr, S.; Anastasiadis, S.; Olssen, A.; Power, W.; **Timar, L.** and Zhang, W. 2012. "Spatial and Temporal Responses to an Emissions Trading System Covering Agriculture and Forestry: Simulation Results from New Zealand." *Motu Working Paper 12-10*, Motu Economic and Public Policy Research. Wellington, New Zealand.

**Timar, L.** 2011. "Rural Land Use and Land Tenure in New Zealand." *Motu Working Paper* 11-13, Motu Economic and Public Policy Research. Wellington, New Zealand.

**Timar, L.** 2011. "Modelling Rural Land Use Decisions in New Zealand." *Asymmetric Information*, Newsletter of the New Zealand Association of Economists, Issue No. 41, August.

Johnston, D.M.; Becker, J.S.; Coomer, M.A.; Cronin, S.; Daly, M.C.; Doyle, E.; Glassey, S.; Glavovic, B.; Houghton, R.; Hughes, M.; Johal, S.; Jolly, S.; Leonard, G.S.; Patterson, L.; Peace, R.; Saunders, W.S.A.; Stuart, K.; Tarrant, R.; Taylor, H.; de Terte, I.; **Timar, L.**; Tuohy, R.; Wright, K.C.; Paton, D.; Reese, S.; Ronan, K. and Wilson, T. 2011. "Exploring elements of an effective recovery process." Refereed Conference Proceeding, Ninth Pacific Conference on Earthquake Engineering: Building an Earthquake Resilient Society. Auckland, New Zealand.

Baisden, W.T.; Keller, E.D.; **Timar, L.**; Smeaton, D.; Clark, A.; Ausseil, A.; Power, W. and Zhang, W. 2010. "New Zealand's Pasture Production in 2020 and 2050." GNS Science Consultancy Report 2010/154.

Zemansky, G.; Hong, T.; White, P.; **Timar, L.**; Song, S. and Thorstad, J. 2010. "Framework for Assessment of Climate Impacts on New Zealand's Hydrological Systems." GNS Science Report 2010/57.

**Timar, L.** 2008. "Modeling the Anthropogenic Spread of an Aquatic Invasive Species: The case of Zebra Mussels and Transient Recreational Boating in Wisconsin." Doctoral Dissertation. North Carolina State University, Raleigh, NC, USA.

#### CONFERENCE PRESENTATIONS

**Timar, L.** 2013. "Allocation and Cost Sharing in Greenhouse Gas Markets." Paper presented at the New Zealand Climate Change Conference (NZCCC). Palmerston North, New Zealand (5 June 2013).

**Timar, L.** and Yeo, B.L. 2013. "Allocation and Cost Sharing in Environmental Markets: Heterogeneity and Market Interactions." Joint presentation in the *Market-Based Instruments for Freshwater Management in New Zealand* mini-symposium at the Australian Agricultural and Resource Economics Society (AARES) conference. Sydney, Australia (6 February 2013).

**Timar, L.** 2012. "Rural Land Use and Land Tenure in New Zealand." Paper presented at the annual conference of the European Association of Environmental and Resource Economists (EAERE). Prague, Czech Republic (28 June 2012).

Doody, B.J.; Becker, J.S. and **Timar L.** 2011. "What should we do about CO<sub>2</sub>? Initial public perceptions of carbon capture and storage (CCS) in New Zealand." Poster presented at the Cooperative Research Centre for Greenhouse Gas Technologies (CO<sub>2</sub>CRC) Research Symposium. Adelaide, Australia.

**Timar, L.** 2011. "Socio-Economic Impacts of the Agricultural Emissions Trading Scheme." Paper presented at the New Zealand Agricultural and Resource Economics Society (NZARES) conference. Nelson, New Zealand.

- Timar, L.** 2011. “Māori Land and Rural Land Use in New Zealand.” Paper presented at the New Zealand Association of Economists (NZAE) conference. Wellington, New Zealand.
- Timar, L.** 2011. “Modelling Rural Land Use in New Zealand. A Discrete Choice Perspective.” Paper presented at the Australian Agricultural and Resource Economics Society (AARES) conference. Melbourne, Australia.
- Timar, L.** 2010. “Spatial Allocation of Land Use Transitions.” Paper presented at the New Zealand Agricultural and Resource Economics Society (NZARES) conference. Nelson, New Zealand.
- Timar, L.** 2010. “New Zealand’s Pasture Production in 2020 and 2050.” Paper presented at the New Zealand Agricultural and Resource Economics Society (NZARES) conference. Nelson, New Zealand.

#### OTHER PRESENTATIONS

- “Allowance allocation in nutrient markets with heterogeneous farmers: the Lake Rotorua catchment.” Lake Rotorua Catchment Stakeholder Advisory Group meeting, Bay of Plenty Regional Council, Rotorua, New Zealand (13 May 2013).
- “Policy incidence and permit allocation in LURNZ.” Motu Climate Economics Research Workshop, Wellington, New Zealand (5 March 2013).
- “Greenhouse gas emissions in LURNZ.” Motu Climate Economics Research Workshop, Wellington, New Zealand (4 March 2013).
- “Land use in rural New Zealand (LURNZ).” Dairy NZ Sustainable Economics Workshop, Hamilton, New Zealand (12 October 2012).
- “Land tenure and rural land use: insights from a discrete choice model.” Ministry for Primary Industries, Wellington, New Zealand (13 August 2012).
- “Payments for ecosystem services.” GNS Science, Lower Hutt, New Zealand (Avalon: 22 May 2012 and NIC: 28 May 2012).
- “Payments for ecosystem services.” Forest Ecosystem Services Workshop, Wellington, New Zealand (16 May 2012).
- “Whose mitigation is it anyway?” AgDialogue Meeting 9, Wellington, New Zealand (8 May 2012).
- “The impact of the NZETS on local communities: spatially modelling the distribution of GHG liabilities.” Motu Climate Economics Research Workshop, Wellington, New Zealand (20 March 2012).
- “Māori land and rural land use in New Zealand.” Ministry for the Environment, Wellington, New Zealand (3 August 2011).
- “Māori land and rural land use in New Zealand.” Te Puni Kōkiri (Ministry of Māori Development), Wellington, New Zealand (13 July 2011).

“Māori land and rural land use in New Zealand.” GNS Science, Lower Hutt, New Zealand (5 May 2011).

“Modelling rural land use in New Zealand: a discrete choice perspective.” EcoClimate Researchers’ Workshop, Wellington, New Zealand (21 February 2011).

“New Zealand’s pasture production in 2020 and 2050.” EcoClimate Researchers’ Workshop, Wellington, New Zealand (21 February 2011).

“New Zealand’s pasture production in 2020 and 2050.” Ministry of Agriculture and Forestry Workshop, Wellington, New Zealand (17 August 2010).

“Emissions trading for forestry and agriculture: policy design and integrated simulations in New Zealand.” Poster presented at the “Transitioning to Sustainable Communities” workshop of the Cornell Center for a Sustainable Future. Cornell University, Ithaca, NY, USA (14 June 2010).

“Modeling the human-induced spread of an aquatic invasive: the case of the zebra mussel.” GNS Science, Lower Hutt, New Zealand (15 October 2009).

“Modeling the human-induced spread of an aquatic invasive: the case of the zebra mussel.” Waikato Management School seminar series. University of Waikato, Hamilton, New Zealand (6 October 2009).

“Modeling the anthropogenic spread of an aquatic invasive species: the case of zebra mussels and transient recreational boating in Wisconsin.” Center for Environmental and Resource Economic Policy (CEnREP) Colloquium. North Carolina State University, Raleigh, NC, USA (2008).

#### RESEARCH GRANTS

Natural Hazards Research Platform (2012). “Economic responses to the Canterbury earthquakes: evidence from labour and property markets.” Science leader (\$450,000).

#### COMMERCIAL CONTRACTS

Bay of Plenty Regional Council (2013). “Nutrient discharge allowance allocation in the Lake Rotorua catchment.” Project leader (\$17,060).

#### PROFESSIONAL SERVICE

Referee	Environment and Development Economics Journal of Agricultural and Resource Economics
Session Chair	New Zealand Agricultural and Resource Economics Society Conference (2011)
Committee Member	New Zealand Agricultural and Resource Economics Society (since 2010)