

Dr. Pamela Kaval
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DR. PAMELA KAVAL – ACADEMIC PUBLICATIONS

ACADEMIC PUBLICATIONS

Journal Articles

- Kaval, P. 2019. Integrated Catchment Management and Ecosystem Services: A 25 Year Overview. *Ecosystem Services*. 37:100912.
- Kaval, P. 2019. Speed Dating: Does Age and Gender Make a Difference? (Submitted but not accepted)
- Kaval, P. and Roskruege, M. 2019. The Value of Native Bird Conservation: A New Zealand Case Study. (Submitted but not accepted)
- Riera, P., Signorello, G., Thiene, M., Mahieu, P-A., Navrud, S., Kaval, P., Rulleau, B., Mavsar, R., Madureira, L., Meyerhoff, J., Elsasser, P., Notaro, S., DeSalvo, M., Giergiczny, M., and Dragoi, S. 2012. Non-Market Valuation of Forest Goods and Services: Good Practice Guidelines. *Journal of Forest Economics*. 18:259-270.
- Yao, R. and Kaval, P. 2011. Non-market Valuation in New Zealand: 1974 through 2005. *Annals of Leisure Research*. 14(1):60-83.
- Kaval, P. and Yao, R. 2010. Research Note: A New Zealand Outdoor Recreation Benefit Database that can be used for Benefit Transfer. *Annals of Leisure Research*. 13(4):709-715.
- Yao, R. and Kaval, P. 2010. Valuing Biodiversity Enhancement in New Zealand. *International Journal of Ecological Economics and Statistics*. 16(W10):26-42.
- Kaval, P. 2010. Understanding Stakeholder Values Using Cluster Analysis. *International Journal of Ecology and Development*. 15(W10):74-84.
- Kaval, P. 2009. Perceived and Actual Wildfire Danger: An Economic and Spatial Analysis Study in Colorado (USA). *Journal of Environmental Management*. 90(5):1862-1867.
- Kaval, P., Stithou, M., and Scarpa, R. 2009. Social Values of Biodiversity Conservation for the Endangered Monk Seal and Loggerhead Turtle. *International Journal of Ecological Economics and Statistics*. 14(9):67-76.
- Kaval, P., Loomis, J., and Seidl, A. 2007. Willingness-to-pay for prescribed fire in the Colorado (USA) wildland urban interface. *Forest Policy and Economics Journal*. 9:928-937.
- Kaval, P. and Loomis, J. Winter 2007. The Relationship between Well-Being and Wildfire. *International Journal of Ecological Economics and Statistics*. 7(W07):29-43.
- Kaval, P. August 2006. Valuing Natural Resource Ecosystem Services in New Zealand: A New Paradigm Shift. *Regional Economic Bulletin*. Waikato Management School. The University of Waikato. Hamilton, New Zealand. 2:14-18.
- Kaval, P. June 2005. Creating a mainland island and what it's worth. *Regional Economic Bulletin*. Waikato Management School. The University of Waikato. Hamilton, New Zealand.1:5-9.
- Hughes, W., Kaval, P., and Scrimgeour, F. March 2004. Te Kouma Farm Park: An Economic Analysis. *Regional Economic Bulletin*. Waikato Management School. The University of Waikato. Hamilton, New Zealand. 1:1-10.
- Kaval, P. 2004. The Profitability of Alternative Cropping Systems: A Review of the Literature. *Journal of Sustainable Agriculture*. 23(3):47-65.
- Kent, B. and Kaval, P. 2003. A Role for Stakeholder Objectives in USDA Forest Service Plan Revisions: A Case Study on the White River National Forest. *International Transactions in Operational Research*. 10(5):515-542.
- Marra, M.C. and Kaval, P. 2000. The relative profitability of sustainable grain cropping systems: a meta analytic comparison. *Journal of Sustainable Agriculture*. 16(4):19-32.

Commissioned Research Publications/Workshops

- Freire, Paola Diaz, Stimson, Julio Rodriguez, Schuiteman, Michelle, Kaval, Pamela, Garcia, Daniel Unda, Lalova, Liza Diaz, and Buglass, Salome. 2017. Rodriguez, Julio, Diaz, Paola, and Kaval, Pamela. 2017. Charles Darwin Foundation for the Galapagos Islands: Annual Report: 2016-2017 Preview. Charles Darwin Research Center. Galapagos, Ecuador.
- Kaval, P. October 2016. Evaluating the Value Proposition for Food, Nutrition and Health at Plant and Food Research (PFR). A Report Prepared for Plant and Food Research. 95p.
- van den Belt, M. and Kaval, P. July 2015. River Management in the Bay of Plenty Regional Council Area: A Starting Point to Include Ecosystem Service Knowledge in Long Term River Management Planning. A Report Prepared for the Bay of Plenty Regional Council. 44p.
- Kaval, P. August 2013. Sustainability in Practice and in the Classroom: A Workshop Held at Marylhurst University (USA).
- Kaval, P. Riera, P., Mahieu, P-A, Rulleau, B., Dragoi, S., Mavsar, R., Madureira, L., and Meyerhoff, J. 2011. Stated Preference Guidelines. A Report Prepared for COST Action E45 (EUROpean FORest EXternalities, EUROFOREX). 49p.
- Kaval, P., Madureira, L., Mahieu, P-A., Meyerhoff, J., Mavsar, R., Riera, P., Rulleau, B., De Salvo, M., Signorello, G., Thiene, M., Navrus, S.. 2011. Good Practice Guidelines for the Non-Market Valuation of Forest Goods and Services. Riera, Pere and Signorello, Giovanni (Editors). A Report Prepared for COST Action E45 (EUROpean FORest EXternalities, EUROFOREX). 89p.
- Kaval, P. 2011. Measuring and Valuing Ecological Impacts: A Systematic Review of Existing Methodologies. A Report Prepared for the Network for Business Sustainability. 82p.
- Kaval, P. 2011. The Ecosystem Service Value of the Colorado River Watershed. A Report Prepared for the Nature Conservancy. 98p.
- Kaval, P. June 2009. Economic Valuation Strategies for Biodiversity Policy: A Training Workshop Held at Environment Waikato. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Biodiversity. 15p.
- Kaval, P. May 2009. Does the Public Value Biodiversity Projects? Guidelines to Assist People in Councils to Plan and Interpret Biodiversity Valuation Projects, with Emphasis on the Contingent Valuation Willingness-to-Pay Method. A Report Prepared for *AgResearch* as part of a FRST Funded Project entitled "Improved Policy Interventions for Encouraging the Voluntary Use by Landowners of Practices Protecting and Enhancing Biodiversity." 26p.
- Kaval, P. March 2009. Guidelines for Native Biodiversity Policy Planning: An Environmental Economic Study. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity." 44p.
- Yao, R. and Kaval, P. February 2009. The Connection between Biodiversity and Well-Being: A New Zealand Case Study. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity." 21p.
- Kaval, P. January 2009. Effects of an Environmental Change: The Valuation Survey and Scenario. In the COST Action E45 (EUROpean FORest EXternalities, EUROFOREX) Members, Stated Preference Guidelines. A Report Prepared for the Cost Action E45. 60p.
- Kaval, P. October 2008. The Central North Island Rail Trail Project: A Regional Economic Contribution Study. A Report Prepared for the New Zealand Department of Conservation. 36p.
- Yao, R. and Kaval, P. September 2008. Evaluating the welfare effects of biodiversity enhancement on private lands: a choice modeling application. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity." 28p.
- Yao, R. and Kaval, P. July 2008. Using the Contingent Valuation Method to Value Biodiversity Enhancement in New Zealand. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity." 28p.
- Kaval, P., Yao, R. and Scrimgeour, F. March 2008. The economic value of biodiversity in New Zealand: Results from a Household Survey. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity." 59p.
- Kaval, P. and Roskrige, M. February 2008. The Value of Native Birds in New Zealand: Results of a Waikato Survey. A Report Prepared for Maungatautari Ecological Mainland Island. 33p.

Commissioned Research Publications – Continued

- Kaval, P. and Roskrige, M. January 2008. Results of a Waikato Native Bird Survey. A Report Prepared for Environment Waikato. 32p.
- Yao, R. and Kaval, P. October 2007. Valuing Biodiversity Enhancement: Insights from a Greater Wellington Household Survey. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity.” 42p.
- Howard, G. and Kaval, P. February 2007. Lake Taupo: Water Quality and Agricultural Land Valuations. A Report Prepared for the Environmental Defense Society. 19p.
- Yao, R. and Kaval, P. January 2007. Wellington Biodiversity Values: Results from a Survey. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity.” 27p.
- Yao, R. and Kaval, P. December 2006. Trees and Plants – A Willingness-to-Pay Survey: A Report of the Refinement of the Survey Design and the Second Focus Group Meeting Initial Survey Creation Process and First Focus Group Discussion. A Report Prepared for *AgResearch* as part of a FRST Funded Project on Improved Policy Interventions for Biodiversity.” 44p.
- Parminter, T., Myers, S., Tyson, N., Ferkins, C., Fraser, B., McLaren, P., Macbeth, J., Porteous, T., Bird, M., Forsyth, K., Bill, A., Dunlop, J., and Kaval, P. November 2006. Voluntary Change Policies. A Report Prepared for prepared for the Foundation of Research and Technology. 55p.
- Kaval, P., and Yao, R. October 2006. Trees and Plants – A Willingness-to-Pay Survey: A Report of the Initial Survey Creation Process and First Focus Group Discussion. A Report Prepared for *AgResearch*. 56p.
- Sharp, Basil, Kerr, Geoffrey and Kaval, Pamela. June 2006. Valuation of Impacts of Incursions on Biodiversity: A Review of the Literature. A Foundation for Research Science and Technology Report. 55 p.
- Kaval, P. April 2006. Chapter 2: An Economic Perspective on Biodiversity Protection and Conservation Policy. pp. 14-26. In: Parminter, T., editor. Theoretical Frameworks for Policy: A Description of World Views Underlying Alternative Decision Making Frameworks and How These Influence Policy Strategy and Formulation for Biodiversity. *An Ag-Research Book*. 75p.
- Kaval, P. March 2006. Economics and Invasive Species: A Review of the Literature. A Report Prepared for *Nimmo-Bell*.
- Kaval, P. March 2006. The Willing-to-Pay (WTP) Contingent Valuation Method and Applications to Environmental and Biodiversity Policy. A Report Prepared for *Ag-Research*.
- Kaval, P. March 2006. An Economic Perspective on Biodiversity Protection and Conservation Policy. A Report Prepared for *Ag-Research*.
- Scrimgeour, F., Locke, S., and Kaval, P. December 2005. A Long Term Funding Policy for Environment Waikato. A Report Prepared for *Environment Waikato*.
- Kaval, P. December 2005. Waikato Farmers and Native Bush. A Report Prepared for *Environment Waikato*.
- Trinh, P., and Kaval, P. October 2005. Indigenous Biodiversity and Waikato Farms. A Report Prepared for *AgResearch*.
- Bell, B., and Kaval, P. June 2004. Indigenous Biodiversity Valuation: Estimating the Impact of Biosecurity Incursions. A Report Prepared for *MAF Biosecurity Authority*. Wellington, New Zealand.
- Kaval, P., Hughes, W., and Scrimgeour, F. January 2004. Te Kouma Farm Park: An Economic Analysis. A Report Prepared for *Environment Waikato*. Hamilton, New Zealand.
- Kaval, P., and Loomis, J. August 2003. Updated Outdoor Recreation Use Values with Emphasis on National Park Recreation. A Report Prepared for the *National Park Service*. 48p.
- Thompson, S., & Kaval, P. 1998. AOI inter-rater reliability study. Raleigh, NC: Willie M. Program Evaluation Branch, NC Division of Mental Health, Developmental Disabilities, and Substance Abuse Services.
- Fernandez, G., Vance, E., Thompson, S., Kaval, P., and Pawlowski, C. 1998. Willie M. Assessment and Outcomes Instrument: Interviewers Manual for Case Managers and Clinicians. Willie M. Program Evaluation Branch, NC Division of Mental Health, Developmental Disabilities, and Substance Abuse Services. 24p.

Books, Book Chapters and Thesis/Dissertations

- Kaval, Pamela, Livia Madureira, Pierre-Alexandre Mahieu, Jürgen Meyerhoff, Robert Mavsar, Pere Riera, and Bénédicte Rulleau. 2016. “Stated Preference Guidelines” in Pere Riera and Giovanni Signorello (eds.) Valuation of forest ecosystem services. A practical guide. Oklahoma, USA: Books2Read. Chapter 1. Second edition. ISBN: 9781533779045
- Kaval, P. and Baskaran, R. 2013. Chapter 3 - Key ideas and concepts from economics for understanding the roles and value of ecosystem services. In the book: Ecosystem Services in Agricultural and Urban Landscapes, edited by Harpinder Sandhu, Steve Wratten, Ross Cullen and Robert Costanza. Wiley Blackwell. 218p. ISBN: 978-1-4051-7008-6
- Kaval, P. 2009. Chapter 2: An Economic Perspective on Biodiversity Protection and Conservation Policy. pp. 10-20. In: Parminter, T., editor. Environmental Policy Design: Three Different Theoretical Perspectives. Lambert Academic Publishing, Germany. 63p.
- Kaval, P. 2004. Public Values for Restoring Natural Ecosystems: Investigation into Non-Market Values of Anadromous Fish and Wildfire Management. Colorado State University, Fort Collins, Colorado (USA). 129p.
- Feitshans, T., Marra, M., King, B., and Kaval, P., Editors. 2004 (Update of 1999 Version). Rules and Regulations Governing Swine Farm Zoning, by State, Website Book: <http://www.cals.ncsu.edu/wq/sfzn/>
- Feitshans, T., Marra, M., King, B., and Kaval, P., Editors. 1999. Rules and Regulations Governing Swine Farm Zoning, by State, Website Book: <http://www.cals.ncsu.edu/wq/sfzn/>
- Feitshans, T., Marra, M., Kaval, P., and King, B., editors. 1999. *Swine Farm Zoning Notebook, Vols. 1 and 2*. NCSU Dept. of Agricultural and Resource Economics.

Edited Volumes of Conference Proceedings

- Kaval, P., Editor. October 2004. *Frontiers in Resource Management: the 7th Annual AARES Symposium*. Conference Proceedings. 6-7 October 2004. Auckland, New Zealand. pp.1-110.

Volunteer Community Research Publications

- Rodriquez, Julio, Kaval, P., and Diaz, P. 2017. Charles Darwin Research Station Annual Report. Prepared for the Charles Darwin Research Station, a not for profit organization. (in progress).
- Kaval, P. November 2006. The Hauraki Rail Trail Project: A Regional Economic Contribution Study. A Report Prepared for *Hauraki Rail Trail Inc.*, a not for profit organization. 27p.
- Kaval, P. November 2006. The Hauraki Rail Trail Project: A Regional Economic Contribution Study. A Report Prepared for *Hauraki Rail Trail Inc.*, a not for profit organization. 27p.
- Kaval, P., and Yao, R. August 2006. Waihi Visitor Information: A One Year Overview. A Report Prepared for *the Waihi Visitor Information Centre*. 10p.
- Kaval, P. as part of the *New Zealand Business Council for Sustainable Development*. 16 November 2005. Incentivizing Green Vehicles. A Proposal to the government to provide incentives for green vehicles.
- Kaval, P. November 2004. The Maungatautari Ecological Island Trust: An Economic Analysis. Report for *Environment Waikato*.

Stock Market Blog Posts on Motley Fool (Fool.com)

- Kaval, P. 2013. Should We Reconsider AT&T? (6/19/2013)
- Kaval, P. 2013. Deepwater Horizon Spill Testimony Making Stockholders Wary Ahead of Next Week’s Earnings Report (2/27/2013)
- Kaval, P. 2013. Prediction: 6-19% Yield in DJIA Stocks in 2013 (1/4/2013)
- Kaval, P. 2012. 5 Solid Telecom Investments (9/21/2012)
- Kaval, P. 2012. Should You Buy Life Insurance? (8/28/2012)
- Kaval, P. 2012. The Angel or the Devil? Who Do You Choose? (8/14/2012)
- Kaval, P. 2012. Is Weekly Lottery Money Really a Guaranteed Million? (8/9/2012)
- Kaval, P. 2012. 92%+ Chance of an Increase in the Stock Market with Democrats in Office (8/2/2012).
- Kaval, P. 2012. Myth Busters: Stock Markets in Presidential Election Years (7/18/2012).

Working Paper Series: University of Waikato Economics Department

- Kaval, P. and van den Belt, M. 2017. The organizing framework of ecosystem services and its use in river management. University of Waikato, Department of Economics Working Paper Series #17/22.
- Kaval, P. 2016. A 10 Year Vegetative Study of Fencing and Ungulate Herbivores in Waingaro, New Zealand. Department of Economics Working Paper Series #15/11.
- Kaval, P. 2010. A Summary of Ecosystem Service Economic Valuation Methods and Recommendations for Future Studies. Department of Economics Working Paper Series #10/02.
- Kaval, P. and Roskrige, M. 2009. The Value of Native Bird Conservation: A New Zealand Case Study. Department of Economics Working Paper Series #09/11.
- Kaval, P., Yao, R. and Scrimgeour, F. 2009. The Economic Value of Biodiversity in New Zealand: Results from a Household Survey. Department of Economics Working Paper Series #09/05.
- Yao, R. and Kaval, P. 2009. Evaluating the Welfare Effects of Biodiversity on Private Lands: A Choice Modeling Application. Department of Economics Working Paper Series #09/04.
- Yao, R. and Kaval, P. 2009. The Connection between Biodiversity and Well-Being: A New Zealand Case Study. Department of Economics Working Paper Series #09/02.
- Yao, R. and Kaval, P. 2008. Valuing Biodiversity Enhancement in New Zealand. Department of Economics Working Paper Series #08/07.
- Kaval, P. and Roskrige, M. 2008. The Value of Native Birds in New Zealand: Results of a Waikato Survey. Department of Economics Working Paper Series #08/06.
- Kaval, P., Yao, R., and Parminter, T. 2007. The Value of Native Biodiversity Enhancement in New Zealand: A Case Study of the Greater Wellington Area. Department of Economics Working Paper Series #07/22.
- Yao, R. and Kaval, P. 2007. Non Market Valuation in New Zealand: 1974 through 2005. Department of Economics Working Paper Series #07/17.
- Kaval, P. 2007. Understanding Stakeholder Values Using Cluster Analysis. Department of Economics Working Paper Series #07/16.
- Kaval, P., Stithou, M., and Scarpa, R. 2007. Social Values of Biodiversity Conservation for the Endangered Monk Seal and Loggerhead Turtle. Department of Economics Working Paper Series #07/15.
- Kaval, P. and Yao, R. 2007. New Zealand Recreation Values. Department of Economics Working Paper Series #07/14.
- Kaval, P. 2007. The Link between Perceived and Actual Wildfire Danger in Willingness-to-Pay: An Economic and Spatial Analysis Study in Colorado (USA). Department of Economics Working Paper Series #07/13.
- Kaval, P. 2007. Recreation Values of U.S. Parks. Department of Economics Working Paper Series #07/12.
- Kaval, P. 2006. The Relationship between Well-Being and Wildfire. Department of Economics Working Paper Series #06/14.
- Kaval, P., Loomis, J., and Seidl, A. 2006. Willingness-to-Pay for Prescribed Fire in the Colorado (USA) Wildland Urban Interface. Department of Economics Working Paper Series #06/13.
- Kaval, P. 2006. Comparing Vegetative Effects of Domestic Stock and Feral Goats as Ungulate Herbivores in Waingaro: Year 1 Results. Department of Economics Working Paper Series #06/12.
- Kaval, P. 2006. US Park Recreation Values (1968-2003): A Review of the Literature. Department of Economics Working Paper Series #06/11.
- Kaval, P. 2006. Valuing Ecosystem Services: A New Paradigm Shift. Department of Economics Working Paper Series #06/10.
- Kaval, P., Loomis, J., and Theobald, D. 2006. Investigating the Relationship between Stakeholder Opinion about Wildfire Management and Landscape Context Using GIS. Department of Economics Working Paper Series #06/09.

Other Publications

- Kaval, P., et al. 2011. Online Economic Homework Questions for Various Economic Courses. *Sapling Learning: Online Homework & E-Books*. http://www.saplinglearning.com/courses/learning_course_economics.php.
- Kaval, P. 2006. How We Can Estimate Lakes' Economics Values and What Do They Mean? Proceedings of the Rotorua Lakes Symposium: Rotorua Lakes 2006 – Wonderful Lakes – What Value? – Who Pays? Rotorua, New Zealand. 6-7 March 2006. ISBN 0-473-11132-2. pp. 95-106.
- Kaval, P. and Loomis, J. 2005. The Relationship between Wildfire and Welfare. Proceedings of the New Zealand Agricultural and Resource Economics Society Conference. Nelson, New Zealand. 26-27 August 2005. AERU Discussion Paper No. 152.p. 160-163.
- Trinh,P., and Kaval, P. 2005. Indigenous Biodiversity Value of Waikato Farms. Proceedings of the New Zealand Agricultural and Resource Economics Society Conference. Nelson, New Zealand. 26-27 August 2005. AERU Discussion Paper No. 152.p. 164-171.
- Kaval, P. January 2004. Public Values for Restoring Natural Ecosystems: Investigation into Non-Market Values of Anadromous Fish and Wildfire Management. *Dissertation*. Colorado State University. Fort Collins, Colorado.
- Fox, A., and Kaval, P. December 2001. Hiking and Climbing Information for Trails of Larimer County. Web based GIS project for www.climbingboulder.com. <http://www.cnr.colostate.edu/avprojects/larimer/trails/trailintro.html>
- Marra, M.C. and Kaval, P. 1999. The Relative Profitability of Organic Cropping Systems for North American Grains: A Meta-analytic Comparison. *Proceedings of a Conference: The Economics of Organic Cropping Systems, USDA/ERS*.