

[Home](#) > [List of Issues](#) > [Table of Contents](#) > [Using stated preference techniques to value four key ecosystem services on New Zealand arable land](#)

[Browse journal](#)

[View all volumes and issues](#)

[Current issue](#)

[Latest articles](#)

[Most read articles](#)

[Most cited articles](#)

[Authors and submissions](#)

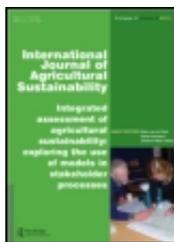
[Subscribe](#)

[Journal information](#)

[News & offers](#)

International Journal of Agricultural Sustainability

Volume 7, Issue 4, 2009



Select Language | ▼

[Translator disclaimer](#)

Using stated preference techniques to value four key ecosystem services on New Zealand arable land

[Preview](#)

[Access options](#)

DOI:

10.3763/ijas.2009.0334

Yuki Takatsuka^a, Ross Cullen^b, Matthew Wilson^c & Steve Wratten^d

pages 279-291

Publishing models and article dates explained

Version of record first published: 08 Jun 2011

Article Views: 35

Article usage statistics combine cumulative total PDF downloads and full-text HTML views from publication date (but no earlier than 25 Jun 2011, launch date of this website) to 28 Mar 2013. Article views are only counted from this site. Although these data are updated every 24 hours, there may be a 48-hour delay before the most recent numbers are available.

[Alert me](#)

- [TOC email alert](#)
- [TOC RSS feed](#)
- [Citation email alert](#)
- [Citation RSS feed](#)

Abstract

Many researchers have noted that not only natural ecosystems but also landscapes actively modified by humans (engineered or designed ecosystems) can significantly impact the level of ecosystem goods and availability of services, thereby impacting human and social welfare. In New Zealand, agricultural lands are the largest area of engineered ecosystems on the national landscape. Study of the welfare effects of ecosystem services delivered by agricultural land can provide important insights into the management of engineered or designed ecosystems. This paper uses the contingent valuation method (CVM) and choice modelling to estimate values of four key ecosystem services: climate regulation, water regulation, soil retention and scenic views, for New Zealand land used for arable farming.

- Download full text

Keywords

- arable farming,
- choice modelling,
- contingent valuation method,
- ecosystem services,
- environmental valuation

Related

-  SHARE
- Add to shortlist
- Link

Permalink

<http://dx.doi.org/10.3763/ijas.2009.0334>

- Download Citation
- Recommend to:
 - A friend

- Information
- References
- Reprints & permissions

Details

- **Version of record first published:** 08 Jun 2011



Author affiliations

- ^a Department of Economics, Temple University, Japan Campus, 4-1-27 Mita, Minato-ku, Tokyo, 108-0073, Japan
- ^b Faculty of Commerce, Lincoln University, P.O. Box 84, Canterbury, New Zealand
- ^c Climate Change Services, Industrial Systems Business, CH2MHILL, 9191 South Jamaica Street, Englewood, CO, 80112, USA
- ^d Bio-Protection Research Centre, Lincoln University, PO Box 84, Canterbury, New Zealand