



## U10073 Forest Profit Expectations Dataset

Derived Data

Data Documentation

Motu Economic and Public Policy Research

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**Motu Ref ID:** U10073

**Suggested Citation:** Olssen, Alex, Wei Zhang, David Evison, and Suzi Kerr. 2012. "U10073 Forest Profit Expectations Dataset," Motu Economic and Public Policy Research, Wellington.

**Raw or derived data:** Derived dataset

**Restrictions:** Unrestricted

Can Motu put this data on our website? Yes

Can Motu put this dataset documentation on our website? Yes

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## Data Documentation

Please note that this is informal documentation intended to help users.  
It is not a polished document. Additions/corrections are welcomed at [info@motu.org.nz](mailto:info@motu.org.nz).

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3. Data keywords:

Forest profits, expectations, New Zealand

4. Dataset abstract:

The dataset is on estimated forest profit expectations. All calculations for expected profits exclude land costs. Thus the final measures could be interpreted as investment returns. Data on net present value (NPV) and internal rate of return (IRR) are included; data on equal annual equivalent and land expectation value can be derived. The data is for expected profits on in for all land New Zealand on a 25 hectare grid in 2008; data for any year between 1990 and 2008 are available. The data was constructed under the assumption that land owners have adaptive expectations; each dataset has two versions, one that uses 4 quarterly average prices for forming expectations and another that uses 12 quarterly average prices. Working data and code are available upon request. Data are available in both ASCII and raster grid (ArcGIS-friendly) formats.

Complete documentation for this dataset is available as Olssen, Alex, Wei Zhang, David Evison and Suzi Kerr. 2012. "A Forest Profit Expectations Dataset", *Motu Working Paper 12-07*, Motu Economic and Public Policy Research, Wellington.

5. Motu Working Papers using this data set:

6. Variables:

Maps of NPV and IRR on LUCAS forest in 2008. There are two versions of each; one uses 4 quarterly average prices and the other uses 12 quarterly average prices.