

Belief and Riparian Planting of Drains: in the Lake Ellesmere/Te Waihora Catchment

Hamish G. Rennie, Ella Shields, Lincoln University
& Jill Thomson, Eclectic Energy

Poster authors

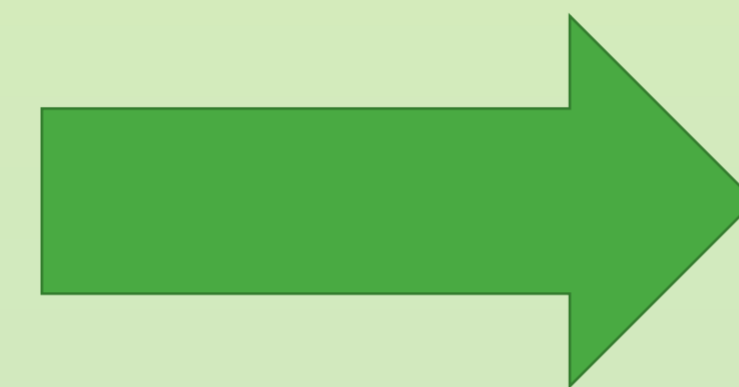
Poster addresses



Barriers to Riparian Planting of On-Farm Drains:

- Funding
- Knowledge
- Belief ??

Solution?



In 2012-2013 Waihora Ellesmere Trust provides 20 free riparian planting site plans to landowners

By February 2016: 11 site plans partially or fully implemented

Research Question

Did underlying belief systems play a part in implementation?

Method

- Surveyed using Dunlap et al (2000) New Ecological Paradigm (NEP) 15 questions survey
- 15 useable responses
 - Included the 11 partially/fully implemented



Results

- Implementers *believed more strongly* than either of the partial or non-implementers in the *fragility of Nature's balance & limits to growth & were more opposed to a human centred world.*
- Highest individually ranked responses:
 - o *Implementers*: We have a right to modify the natural environment
 - o *Non- implementers*: Plants/animals do not have as much right as humans to exist



Conclusion:

Small sample but suggests that underlying belief plays important role in actual implementation of riparian planting

