



Earth Building Association of New Zealand

... promoting the art and science of earth building

www.earthbuilding.org.nz

PO Box 1452, Whangarei

**EB News 6, 21 July 2005**

Please feel free to pass this newsletter on to friends!



From the EBANZ Photo Album

A two storey Nelson home made from 5,400 earth bricks.

Photographed by Peter Olorenshaw

## Upcoming Events and Courses

Ecofest Expo

Saturday, 20th August from 10.00 am – 5.00 pm,

Sunday, 21st August from 10.00 am – 4.00 pm.



Ongoing seminars and workshops throughout the weekend, in conjunction with the Expo, as well as the extremely popular eco-home and garden bus tours.

There's something for everyone:

Building advice

Solar options

Hybrid cars

How-to workshops

Gardening ideas

Yummy food

Natural health, and beauty products

PLUS!

Kids Corner, with plenty of eco-projects and the ever popular Science Roadshow.  
Organic cuisine cooking demonstrations by local and celebrity chefs.  
Prizes galore, including a fantastic home insulation package from Absolute Energy.

You will be amazed at how easy it is being green.

Introduction to Earthbuilding, Nelson

This Workshop covers the theory of earthbuilding and includes an earthbuilding tour. This workshop is coming up on August 27 & 28th 2005.

The Workshop covers the themes:

Earthbuilding in NZ  
Earthbuilding Techniques  
Passive Solar Energy Design  
Structural Design  
Evaluation of Soils  
For further information on this course contact:  
Green Horizon Workshops  
Richard and Bella Walker  
Pigeon Saddle  
Wainui Bay  
RD 1 TAKAKA  
phone: (03) 528 4751  
e-mail: [contact@solidearth.co.nz](mailto:contact@solidearth.co.nz) International Conference

Catch up on the SismoAdobe2005 conference website, for the conference proceedings. This event focussed on architecture, construction, conservation and engineering of adobe (and to a lesser extent other forms of earth construction) in seismic areas.

Videos and DVDs for Hire

**RAPS - A video introducing Remote Area Power Supply.**

Twenty eight minute duration, Produced by CFM Perth for the Candlelight Trust.

This video explores the use of renewable energy to produce electricity for rural areas and remote communities; it discusses options for low operating cost, low maintenance and environmentally friendly energy solutions that meet both your requirements and lifestyle.

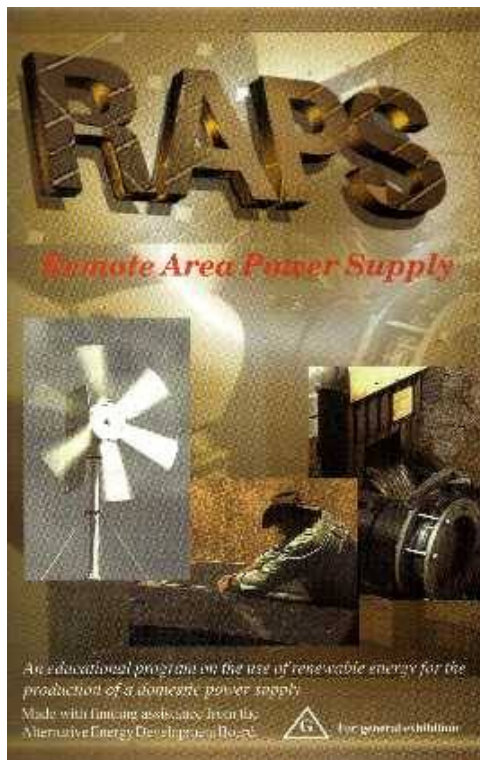
The video is in three sections:

Energy Production: photovoltaic modules, wind generators, micro-hydro, hybrid systems.

Energy Storage: batteries (wet cell, gel cell, and NiCad).

Energy Conversion and Control: DC and AC systems, invertors, regulations and monitoring equipment.

The message is simple "We can reduce the consumption of fossil fuels, the production of green house gases and the depletion of our precious resources. We can make a difference".



**Claymates – A video introducing the construction of a Rammed Earth Home.**

Twenty five minutes, Produced by the Building Industry Authority.

Meet owner-builders Maureen, Dean, their family and their other building assistant friends, and enjoy an introduction to rammed earth construction. "Claymates" shows practical hands on approach to the construction of their family home. It shows an overview of the Building Consent process, a brief history of rammed earth in New Zealand, their engineer's comments and a comprehensive section on erecting the formwork, the mix preparation and ramming process.

**These videos and DVDs are available for hire** to New Zealand based Members of the Earth Building Association of New Zealand. For details see [www.earthbuilding.org.nz](http://www.earthbuilding.org.nz) or write EBANZ PO Box 1452 Whangarei.

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In this space we would like to acknowledge members who have contributed to the success of the EBANZ organisation. This month we introduce Peter Olorenshaw, the EBANZ Treasurer.



Peter Olorenshaw  
Architect

Peter is an architect specialising in eco-architecture. He lives with his family in an independently powered, solar adobe house in Nelson (see "from the photo album", above).

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