



Earth Building Association of New Zealand

... promoting the art and science of earth building

www.earthbuilding.org.nz

PO Box 1452, Whangarei

EB News 25

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The Earthbuilding Association of New Zealand (EBANZ)

EBANZ is a network of enthusiastic and experienced volunteers, who are interested in promoting environmentally friendly, sustainable building, with a focus on earth as a construction material.

EBANZ publishes this bi-monthly magazine, runs an interactive web site, lobbies government organisations, sends out regular email newsletters (EB News), organises an Annual Conference and local events in your area to promote earth building.

Experimental Earth Building

9.00 am – 4.00 pm 31st August – 2nd September 2007, Nelson

Topics covered include...

Experiment with earthen plasters, natural paints and sealants

Build walls and furniture from cob, light-earth, wattle-and-daub (traditional techniques)

Lay a small adobe tile floor

Sculpt an outdoor pizza oven

Do artwork such as mosaics and reliefs

Learn more about basic Earthbuilding theory and professional techniques

Visit a commercial Adobe Brickyard and view realized projects relating to the above topics.

With "hands-on" we also mean "feet-on". Preparation of the earth mixes involves a bit of mud-dancing. You are bound to get quite dirty, so please dress appropriately and bring some gumboots. You will be either working on one project of your choice or rotate to experience the unlimited possibilities of the building material earth.

The three days cost \$270.00 and this includes materials and theoretical information.

Hot drinks and a warm lunch will be provided. Please bring your own snacks.

We restrict places to ten participants in order to do some serious hands-on work in small groups

and enable you to get one-to-one tuition.

The course will be based at Solid Earth Adobe Brickyard, Wakapuaka, Nelson North.

Please book as soon as possible, preferably before the 26th August 2007 as spaces are limited.

For more information and enrolment please contact Verena on

phone: (03) 545 0240 mobile: 021 036 3938 or e-mail: contact@solidearth.co.nz



Biological Agriculture Course with Dr Arden Andersen Ph.D., D.O., F.S.

10, 11, 12th August 2007 Tauranga

This is a three-day event entitled "Balancing Soils for Profit " in which you learn to apply the natural sciences to practical farm management to achieve results. The course focuses on the relationship between healthy soils, healthy plants, and crop and livestock production. The information conveyed is the foundation for sustainable, biology friendly, quality nutrition agriculture. It applies to all ag sectors - pastoral, dairy, cropping, horticultural, fruit and vegetable.

From this course you will:

- Learn how biochemistry, physics and plant biology can guide you in your daily farm management decisions.
- Gain insight into how improved soil biology reduces weed, disease and insect pests.
- Be taught the testing and evaluation methods needed for profitable soil, plant and livestock management.
- Understand how fertilisation and management practices affect the nutritional quality of the crops produced and how that impacts human health.
- Be provided formulas and suggestions for fertilisation.

For more information and registration go to:

www.bioagnz.com or contact Phyllis Tichinin email: phyllis@bioagnz.com

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Or print this off for your notice board, Thanks.**

Ecofest Expo 2007

Saturday, 18-19 August, 2007, Nelson

There's something for everyone at the Expo:

- Building advice
- Solar options
- Water saving solutions
- Hybrid cars
- "How to" workshops
- Gardening ideas
- Yummy food – a large variety of food stalls
- Natural health and beauty products.

PLUS!

- Kids Corner (childcare for 5+ yrs old) , with plenty of eco-projects and the ever popular Science Roadshow.
- Organic cuisine cooking demonstrations by local and celebrity chefs.
- Prizes galore.
- You will be amazed at how easy it is being green!

Ecofest is sponsored by Tasman District and Nelson City Councils to provide a forum for the sharing of eco-friendly, innovative, energy saving ideas, products and messages covering a broad range of practical applications from building and solar energy to organic clothing and make-up.

Over thirty new stallholders took part this year, significantly expanding the range of products on show. Recycled glass products, possum skin creations, organic cotton clothing, alternative septic tanks systems, and a stand-alone hot tub in the courtyard were some of the new ideas presented. One of the highlights was the funky junk recycled fashion in the foyer. Throughout the weekend there were revolving fashion parades of clothing made from recycled materials, including a fabulous gown made from potato chip packets.

Only \$2.50 entry per adult. Ongoing seminars and workshops throughout the weekend, in conjunction with the Expo, as well as the extremely popular eco-home bus tours and business tour. Tickets for the tours go on sale in July – please check local papers for availability.

For more information contact us: www.ecofestnelsontasman.co.nz or phone: (03) 5445056



International Symposium on Earthen Structures (ISES-2007)

22- 24 August 2007, Indian Institute of Science, Bangalore, INDIA

The symposium will provide an International Forum for information dissemination and exchange, discussions and debates on research and practice in the broad field of earthen structures, including building techniques, materials, architecture, and building-comfort studies.

This symposium aims to bring together practicing professionals (engineers and architects), manufacturers, artistes and designers, academicians, researchers and postgraduate research students keenly interested and engaged in the theory and practice of 'earthen structures'.

The following themes can include case-studies, R & D, designs and innovations pertaining to Earthen Structures

- Materials
- Technology (adobe, rammed earth, etc.)
- Performance and durability (energy, seismic resistance, climate-response, structural, sustainability, etc.)
- Design (architecture, code/regulations, etc.)
- Heritage structures, conservation, repair and reuse
- Traditional and non-traditional concepts and practices

This conference is being coordinated by Prof Venkatarama Reddy who visited us in Auckland.

See the details at: Website: www.cst.iisc.ernet.in/Pages/ISES2007/ISES-2007.htm#Themes

Ecoshow 2007 Your future- Solutions for Life.

10- 14 October, 2007 Taupo

Following the previous Ecoshows in 2004 and 2005 we bring together community, business and government working towards and supporting care of the earth and care of people. Including technologies, techniques, strategies and practices, exhibitions, workshops, demonstrations and discussion provide many ways for each of us to participate. We can be inspired to take more steps towards being more sustainable, reducing our ecological footprints and finding out new ways to do this.

For more details: www.ecoshow.co.nz Email: info@ecoshow.co.nz



Sustainable Building Conference (SB07) 2007 – ‘Transforming Our Built Environment’

14th - 16th November 2007 Auckland

SB07 New Zealand aims to expand the adoption of sustainable practice in the design, construction and use of our built environment. This is NZ's only conference and trade exhibition bringing together a wide range of industry experts, leaders, stakeholders for a stimulating three days focusing on 'Transforming Our Built Environment'.

At this event you will:

- learn more about sustainable building from national and international experts;
- hear from the developers of some of the most innovative new buildings and retrofits;
- gain practical insights techniques and information that will enable you to deliver sustainable buildings in this growing market
- identify trends and future directions in sustainable building, what products and policies are needed to drive change

The outline programme covers

- What sustainable building is, and why it is good for business
- How policy can influence sustainable building
- Case studies: hear from the developers of some New Zealand's most exciting new commercial and residential buildings, and retrofits
- Beyond buildings: the link between sustainable buildings and sustainable neighbourhoods
- Tools for sustainable design, building and assessment
- Materials and products for sustainable building
- Resource efficiency
- Dealing with existing buildings
- Life cycle analysis

Friday 16th November will feature keynotes, a panel session and a morning workshop on the future of sustainable building in New Zealand, facilitated by SB07 and the Ministry for the Environment. The afternoon will offer the opportunity to either attend site, visits to look at some of Auckland's sustainable buildings or communities or to attend a Level 1 Greenstar Training Workshop provided at a discount price by the New Zealand Green Building Council.

For more information on the Conference and Speakers please refer to www.sb07.org.nz or Shelley Cunningham, email: shelley@cmsl.co.nz phone: 64 9 835 1533 or Adrian Bennett, email: a.bennett@bres.org.nz phone: 64 4 495 7761

Photos from the album: 2006 Experimental Earth Building Course, Nelson



Additional Courses of Interest

Click-through to the courses below to find further information (please ensure that you confirm all event details with the organisers). If you have any events or courses you would like listed in a future EB News, please email the details to the editor, Richard Morrison.

Radio FM 104.6	Green Planet Discussion	Radio FM 104.6	Thur 8-9 am
www.bioagnz.com	Balancing Soils for Profit	Tauranga	10-12 Aug 07
www.ecofestnelsontasman.co.nz	Ecofest	Nelson	18-19 Aug 07
http://events.lincoln.ac.nz/organics	National Organics Conference	Christchurch	17-19 Aug 07
http://www.cst.iisc.ernet.in/Pages/ISES2007/ISES-2007.htm#ThemesBangalore	Symposium on Earthen Structures	Bangalore India	22-24 Aug 07
contact@solidearth.co.nz	Experimental Earth Building	Nelson	31 Aug-2 Sept 07
www.anzses.org	ANZSES Solar 07	Australia	2-6 Oct 07
www.ecoshow.co.nz	Ecoshow	Taupo	10-14 Oct 07

www.sb07.org.nz	Sustainable Building Conference	Auckland	14-16 Nov 07
www.jasperweb.cpit.ac.nz	Permaculture Design Course	Christchurch	24Oct-28 Nov 4 evenings
robina@win.co.nz	Permaculture Design Course 3 weeks	Golden Bay	Nov 07
robina@win.co.nz	Earthbuilding Project	Golden Bay	Dec 07-Jan 08
Info@sustaining-hb.org.nz	Sustainable /Earth Building Courses/ Permaculture	Hawke's Bay	Various dates
www.envirocentre.org.nz	Sustainable /Energy/ Earth Building Course	Hamilton	Various dates

In this space we would like to acknowledge EBANZ members who have over the years have contributed to the success of our organisation.

This month we introduce Iain Redfern, your EBANZ Committee Member



Adobe South is a "boutique" architectural design studio focussing on Best Practice for eco-healthy and sustainable homes, especially for the Owner Builder and offers a full architectural service along with a well founded mentoring service.

We at Adobe South focus on straw bale and earth building and have many of successful projects undertaken by owner builders to confirm our techniques.

160 Dent Street, Whangarei. ph: (09) 4302020 email: ian@adobesouth.co.nz

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