



Earth Building Association of New Zealand

... promoting the art and science of earth building

www.earthbuilding.org.nz

PO Box 1452, Whangarei

EB News 27

1 October 2007

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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.

Earthbuilding Conference and Tour: 2007

Labour Weekend: Saturday 20th and Sunday 21st October (& optional Monday 22nd)
Nelson Region

See some state of the art modern earth buildings, meet like-minded people, discuss your questions with earthbuilding professionals, get a wide range of practical insights, have your say in our organisation. Join us for a great earth building weekend, lots of fun and knowledge to be shared.

Program (to be confirmed)

Saturday 20th October:

Morning

Tour four modern houses in North Nelson showcasing a range of earth building techniques and other ecological features. We will see houses using adobe brick, cob, strawbale and earthen plasters on different surfaces. Visit of a commercial brick yard.

Afternoon

Option 1: Seminars held by design professionals with years of experience in different kinds of earthbuilding, covering structural aspects, durability issues, passive solar design, energy efficiency and general design principles. Discussion and analysis of the visited projects.

Option 2: Choice of two separate practical sessions covering different earthbuilding techniques or pizza oven building.

Evening: Slide show with Richard Walker (Structural Engineer and earthbuilding pioneer)

Sunday 21st October:

Morning

Option 1: Tour to four modern homes in the Motueka/ Wakefield area showcasing adobe brick, passive solar design, light earth and pressed brick.

Option 2: Practical session continues

Afternoon

The AGM will be held over a nice afternoon tea and all are welcome to attend.

Evening: Cooperative and sustainable living- initiatives such as Riverside Community and a planned

eco village in Motueka.

Monday 22nd October

Optional: Tour to earthbuildings in the Golden Bay.

Full catering & accommodation options with cooperative and sustainable conference facilities.

See some state of the art modern earth buildings, meet like-minded people, discuss your questions with earthbuilding professionals, get a wide range of practical insights, have your say in our organisation. NOTE: Registration required by 5th October 2007

Come join us in Nelson for Labour Weekend 2007 and be inspired!

For more information contact:

Verena: phone: (03) 5450240, email: contact@solidearth.co.nz, web: www.earthbuilding.org.nz



Ecoshow 2007 Your future- Solutions for Life.

11- 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. Ecoshow Speakers include:

Richard Heinberg - Post Carbon Institute
Oscar Kjellberg - JAK, Interest-free bank, Sweden
Gary Workman - Green Plumbing
Joe Polaischer - Permaculture in NZ
Gary Williams - PiNZ and Water and Soil Engineer
Prue Taylor - Auckland University Big picture of sustainability
Charmian Stone - Youth Representative at Asia Pacific Cities Summit
Terry Creighton - Prometheus Finance
Aryan Tavakkoli - Our diet- is it killing the planet?
Jodi Selene - Fair trade and organic fabrics
Dennis Scott - Where is the 'Vision' in Sub division?
Daniel Palmer - PiNZ, Water in the landscape
Ruth Tai and Hirini Reedy - Rich Earth Oratory
Justin Ford Robertson - Carbon Neutrality
Linda Shaw - You are a Global Movement of One
David Trubridge - Design for simplicity
Betsy Kettle - C=Growing food yourself
Jacob de Ruyter - Designing gardens in the wind
Tom Pow - Sustainable dairy farming
Rick Vallence - Sustainable farming in Central North Island

For more details: web: www.ecoshow.co.nz, email: info@ecoshow.co.nz



Sustainable House Day 07 and the What's Best? Expo

20 October Cromwell 21 October Wanaka

The What's Best? Expo, showcasing sustainable businesses in Otago will be on 930- 400pm , at Otago Polytechnic, Cromwell.

Sustainable Wanaka's second Sustainable House Day will be taking place 4.00-6.00pm 20 October in Cromwell and 10.00-4.00pm 21 October in Wanaka. Approximately a dozen houses with sustainable features in Cromwell and Wanaka will be open to the public to share ideas on sustainable building. This year the participating homes include a schist and slate house insulated with sheep's wool, a strawbale home, a home with a sophisticated solar and wetback heating system, a home with fittings made of recycled materials and a bach retrofitted with super-insulation and heat recovery. Ticket holders will be issued with an information pack on sustainable building.

For more info contact: email: jessica@sustainablewanaka.co.nz, web: www.sustainablewanaka

**Please pass this free newsletter on to friends
Or print this off for your notice board, Thanks.**

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:

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

The outline programme covers

1. What sustainable building is, and why it is good for business
2. How policy can influence sustainable building
3. Case studies: hear from the developers of some New Zealand's most exciting new commercial and residential buildings, and retrofits
4. Beyond buildings: the link between sustainable buildings and sustainable neighbourhoods
5. Tools for sustainable design, building and assessment
6. Materials and products for sustainable building
7. Resource efficiency
8. Dealing with existing buildings
9. 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: (09) 835 1533
or Adrian Bennett: email: a.bennett@bres.org.nz, phone: (04) 495 7761

Permaculture Design Course

Sat 17 Nov – Sat 1 Dec 2007 Golden Bay

'Permaculture Design' - a two week community oriented residential course in integrated land-use design for sustainability.

This is an interactive, practically oriented international certificated course, where participants put into practice what they learn theoretically. Involves 'hands-on doing' and ecological design of: natural buildings & renewable energy, organic gardens & orchards, water harvesting, animal systems, wildlife habitat, human settlements.

Maximum Number of People: 18

Main Tutors: Robina McCurdy & Huckleberry Leonard

For Further Information: contact Jessica Trevino:
phone: (03) 5258399 (message only), email: events@tuitrust.org.nz

Straw Bale Design & Construction Workshop

25-30 November 2007 Geraldine, South Canterbury

Join us in this intensive week-long theory and practical workshop focused on straw bale design and construction. A combination of both classroom and hands-on sessions will give you a thorough understanding of the multiple wall systems, their details, and how straw bale walls work as a part of the whole building system. Come ready to learn and to discuss some of the common questions that surround straw bale building such as flashing details, moisture issues and plaster systems.

This course will be held between the 25-30 November 2007: 8:30am-5:00pm daily with evening events such as home tours and guest lecturers and be based at the Struan Farm Retreat, Geraldine, South Canterbury, New Zealand. The fee includes the 5-day workshop, food and accommodation (dormitory style) @ Struan Farm Retreat and costs \$845.00

Lecturers:

Blue Forsyth, Kakariki Earth
Gretchen Gould, Citrus Design
Sarah Johnston, SOL Design
Sven Johnston, SOL Design

Contact Sarah Johnston, for more information & registration forms:

email: sarahjohnston@ihug.co.nz, or leave a message with your enquiry, phone: (03) 693 7369



Hi , my name is Jovan

Im from Quebec Canada, 22 years old and have been working in different coop and communes , social and agriculture, and most recently in building, renovation in Montreal city of conventional building and this summer a full house with my father, we have a small bio farm with my friends and we want to start build houses around.

Im very serious about learning more and getting experience in natural building and I am looking to work in construction of natural building this year in New Zealand.

I have a work visa of 12 month which starts on the 26 of September.

Im writing this mail to know about interesting summers projects anywhere in New Zealand and how I can get to work on natural building making some money in exchange of my service or to know who I should contact.

Im a good worker and very passionate about building.

Thank you, peace.

Jovan

email: jovan_merc@hotmail.com

Earthbuilding Workshop and other courses.

1-2 December 2007

Green Horizon Workshops will hold a series of very exciting workshops. Here are the title and dates of all the workshops and here is a link for the full program.

Earthbuilding Workshop Saturday 1 December to Sunday 2 December 2007

Build your own watertank Saturday 19 January to Sunday 20 January 2008

For further courses and information on these workshops please contact:

Adavanced Adobe Workshop Tuesday 12 February to Saturday 16 February 2008

Contact Green Horizon Workshops for more information and courses.

Richard and Bella Walker
phone: 03-528 4751, email: ess@ts.co.nz

Northland Craft Trust Summer Do 2008

5th-13th January 2008 Whangarei

Earth Building – Henry Mackeson, Graeme North & Thijs Drupsteen

Henry Mackeson is an earth builder and developer of the adobe-in-situ method. He has been involved in earthbuilding projects in New Zealand, UK and Vanuatu. Henry is also a potter, sculptor and builder and has been tutoring earth-building methods since 1985.

Graeme North (registered architect) has been pivotally involved with the growth of the earth building renaissance since 1971, being personally involved since then in the design of hundreds of earth buildings. He was founding Chairman of the Earth Building Association of New Zealand (EBANZ).

Thijs Drupsteen is a qualified engineer and has been involved in the research, design and standards writing for earth buildings since 1983. He is also involved in passive residential solar design.

Course Content

This is a hands on course, exploring a wide range of methods including adobe, rammed earth, cob, cinva brick and paving. Participants learn through building permanent structures, putting into practice the theoretical and technical knowledge gained. Students will also visit a diverse range of earth buildings in the area.

Other Tutors and courses

Painting - James Lawrence

Stone Sculpture - Iosefa Leo

Ceramics - Richard Parker

Life Drawing - Marianne Muggeridge

A Cappella singing – Tony Backhouse

Slab Clay Sculpture – Matt McLean

Experimental Printmaking – Joan Travaglia

Flax Weaving – Eileen Joy Wikitera

Course Fees of \$400.00 cover the tutoring, but materials are paid for separately, according to individual use. Workshops start at 9am daily. The official opening is at 9am, Saturday 5th January 2008. The Summer Do ends at lunchtime Sunday 13th January 2008.

Campsites are available at the Quarry at a cost of \$40.00 per person for the Summer Do duration. Breakfast supplies will be provided. We can also offer advice on local, low cost accommodation. Fully catered options will be available (including vegetarian) onsite for around \$180.00 per person for the duration of course. Daily Lunch/Dinner options will also be available.

For more information:

The Quarry 21 Selwyn Ave, PO Box 1452, Whangarei.

phone: (09) 438 1215, email: nctrust@ihug.co.nz



26-27 January 2008 Rolleston

Find out more about: solar electric (photovoltaic) and wind energy systems solar hot water systems and other sustainable technologies energy efficient appliances, building design, housing and transport information, advice, education...and much, much more.

10am to 5pm Saturday 26th January & Sunday 27th January 2008
 Rolleston Community Centre, Rolleston 7614, Canterbury (New Zealand)
 Mike O'Connell mobile phone: 027-457-6527
 Website: www.sustainabilityexpo.co.nz (watch for developments!)

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.

www.ecoshow.co.nz	Green Planet Discussion	Radio FM 104.6	Thur 8-9 am
www.ebaa.asn	Ecoshow	Taupo	10-14 Oct 07
www.earthbuilding.org.nz	AGM Earth Building Association of Australia Inc.	Australia	13-14 Oct 07
www.sustainablewanaka.co.nz	EBANZ Earthbuilding Tour, Hands on & AGM	Nelson	20,21,22 Oct 07
www.jasperweb.cpit.ac.nz	Sustainable House Day	Wanaka	20-21 Oct 07
robina@win.co.nz	Permaculture Design Course	Christchurch	24 Oct-28 Nov Four evenings
robina@win.co.nz	Permaculture Design Course 3 weeks	Golden Bay	Nov 07
www.sb07.org.nz	Sustainable Building Conference	Auckland	14-16 Nov 07
sarahjohnston@ihug.co.nz	Straw Bale Design & Construction Workshop	Geraldine South Canterbury	25- 30 Nov 07
events@tuitrust.org.nz	Permaculture Design Course	Golden Bay	17 Nov-1 Dec 07
robina@win.co.nz	Natural Building Apprenticeship	Golden Bay	2- 22 Dec 07
ess@ts.co.nz	Earthbuilding Course	Takaka	1-2 Dec 07
enrolonline@cpit.ac.nz	Earth & Strawbale Building	Christchurch	3-4 Dec07

nctrust@ihug.co.nz	Northland Craft Trust Summer Do 2008	Whangarei	5-13 Jan 08
www.sustainabilityexpo.co.nz	Sustainability EXPO	Christchurch	26-27 Jan 08
www.rainbowvalleyfarm.co.nz	Permaculture Design Course	Walkworth	22 Feb-7 March 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 Gretchen Gould, your Regional Contact in South Canterbury.



Gretchen lives in Geraldine, South Canterbury where she works as an Architectural Designer and Interior Designer for Citrus Design Ltd.

She is very passionate about using straw bale and earth & lime plasters in Building and has worked on several straw bale sites and in earth & lime plastering groups. She has been involved in building cob pizza ovens and has played around with natural interior finishes.

In October 2006 Gretchen was one of five to represent NZ, at Ontario, Canada for the 'International Straw Bale Building Conference'. This created an opportunity for her to be aware of the latest testing and views in the industry. Other activities Gretchen enjoys are hanging out with her white Jack Russell, walking, aromatherapy, Argentine Tango dancing, Reading and being creative. Of course but not least she enjoys drinking good wine and eating a fine meal with friends (especially in a straw home).

**Citrus Design
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