



Earth Building Association of New Zealand

*... promoting the art and science of earth building*

[www.earthbuilding.org.nz](http://www.earthbuilding.org.nz)

PO Box 1452, Whangarei

## **EB News 18, 13 October 2006**

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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.

### **Hi EBANZ members and all other interested people**

**Saturday Evening 8-00 pm 21 October 2006**

Kauaeranga Valley Christian Camp near Thames- see directions below:

### **Enjoy a great night out with other earth builders and listen to 3 dynamic speakers**

- Ian Redfern just back from Canada and the Straw Bale Conference,
- Clair Benge speaking on effects of the new Legislation on Owner Builders,
- Graeme North speaking on Earth, Permaculture and Eco Architecture,

So come along and find out more about our Eco-friendly earth building Association, Would you like to be part of our team promoting earth building excellence in New Zealand? The formal part of the meeting (the AGM) will be short and sweet.

Kauaeranga Valley Christian Camp near Thames

Directions- From the Ngati Maru Highway leading into Thames you take the first turning to the right after crossing the bridge. >From this point it is exactly 5 kms to the Kauaeranga Valley Christian Camp. You are now in Banks Street which ends at Parawai Road after 2 or 3 blocks. Turn right into Parawai Road. Just past the racecourse, Parawai Road becomes the Kauaeranga Valley Road. Continue on this road and look out for the Christian Camp on your right.

More Conference details on our Website- [www.earthbuilding.org.nz](http://www.earthbuilding.org.nz)

For further information contact-

Gwenyth Wright phone: (07) 8683844 email: [gwenyth@paradise.net.nz](mailto:gwenyth@paradise.net.nz)

Colin Broadley phone: (07) 8683844 email: [colinb@paradise.net.nz](mailto:colinb@paradise.net.nz)

Rosemary Peek phone: (07)3776347 email: [harpo@xtra.co.nz](mailto:harpo@xtra.co.nz)



## **Koanga Gardens**

Various courses, on dates through out the year.

Check the course details on our website: [www.koanga.co.nz](http://www.koanga.co.nz)

### **RECYCLING 'WASTES' AND 'USED WATER'**

Presented by Bob Corker:

9:00am - 4:00pm Saturday 21st October 2006

Price \$115.00

Simple passive systems you can build yourself to recycle wastes and used water. Also a review of current "off the shelf" systems and choosing what's appropriate for you.

Including:-

composting toilets

vermi composting toilets

grey water treatment

dosing systems

subsurface irrigation systems

### **EARTH STOVE**

Presented By Richard and Bella Walker

9:00am- 4:00pm Saturday 4th and Sunday 5th November 2006

Price \$230.00

Richard Walker is an engineer with a passion for appropriate technology. He and his wife Bella built and have been living in a earth home with a hand built mudstove for 20 years. Richard and Bella from Todds Valley (New Zealand's foremost experts in mudstove building) will teach this workshop together. Mudstoves are custom built woodstoves constructed with a mixture of clay and sand and can be used for cooking, space heating and water heating. This workshop will provide participants with information; techniques and practical experience for making mudstoves and a mudstove will be built during the workshop.

### **PIZZA OVENS**

Presented by Wolf Heipe

10:00am - 4:00pm Saturday March 17th 2007

Price \$112.00

Wolf has been playing around with earth for a few years now and lives in a beautiful Light Earth home he built with others. Earth is a passion of his and he'll build an Earth Oven with you over this weekend, using mainly clay and sand and some lime for finishing touches. It takes two days to finish the oven but you do not need to come to both workshop days. You can learn everything you need to know in one day. We'll also show you how to build a fire and cook in another earth oven that is already built. These ovens can cook bread, pizza, casseroles, basically anything can be cooked in them, and it's just a matter of experience and technique. This is always a really popular workshop so be in early to avoid disappointment.

Contact us to confirm details: [www.koanga.co.nz](http://www.koanga.co.nz) phone: (09) 4312745



**Hello my name is Dustin Wright.**

I am a cob builder from Lubbock TX, USA. I am hoping to find a way to visit New Zealand and ideally I would like to find building work or teaching Oregon cob methods there. Also I would like to spend a good deal of time there; at least six months and up to a year or more. Work exchange for room and board is also an interest. I feel the need to search the earth for the right place for me to call home. I was trained by Coenraad Rogmans who in turn was trained by Linda Smiley, Michael Smith, and Ianto Evans. I have experience with cob, strawbale, light straw clay, earthen floors, earthen plasters, solar energy technologies including solar hot water, rainwater collection systems, greywater usage, and some experience in organic gardening. If you are in need of some help or if you know anyone who might be I am very interested in natural building in New Zealand. If you have any questions or comments please feel free to contact me. Thanks a bunch, Dustin Wright [living.earth@hotmail.com](mailto:living.earth@hotmail.com)

**IEA-ECBCS Technical Seminar**

Wednesday, 15th of November 2006, Registration will begin at 8.30am  
Schools of Architecture & Design, Victoria University of Wellington, 139 Vivian St, Wellington.

As part of the 60th IEA ECBCS (International Energy Agency Energy Conservation in Buildings and Community Systems) Executive Committee meeting, (a group of international energy efficiency experts) a one day technical seminar open to the public is being held on Wednesday the 15th of November.

This full day seminar will be on the theme of 'Sustainability and Durability of Energy Efficient Buildings', and will consider energy efficiency in New Zealand as it applies particularly to:

- 'Residential Buildings & Energy Efficiency'
- 'Predicting & Rating Energy Efficiency'
- 'Non-Residential Buildings & Energy Efficiency'

Representatives from both the ECBCS executive committee and from New Zealand's building industry will be presenting, allowing not only for New Zealand representatives to showcase their research, but also for the opportunity to learn from internationally recognised researchers in a collaborative and supportive environment. Details of the speakers and their topics can be found at the following web link: [http://www.ecbcs.info/Seminar\\_Programme.pdf](http://www.ecbcs.info/Seminar_Programme.pdf).

The cost for this event is NZ\$120 (student - NZ\$80) and while you can register on the day, we would prefer if you registered before so as to assist our planning for this event. (Note that the price on the day is NZ\$170).

You can refer to the website: [www.ecbcs.info](http://www.ecbcs.info) for further information and a registration form, Please fax or email your registration form to Amanda Tonks at the school of architecture fax: +64 4 463 6204 or, email: [Amanda.Tonks@vuw.ac.nz](mailto:Amanda.Tonks@vuw.ac.nz)

**The Summer Do**

9th - 15th January 2005 Whangarei

Be in quick to book your place in this sessions week of art.  
Cost \$300.00 per course. Meals and campsites are available.  
Contact us for details [www.thequarry.co.nz](http://www.thequarry.co.nz)

**Earthbuilding** with Henery Mackeson and Thijs Drupsteen

This is hands on experience , our tutors will teach you a wide range of earthbuilding methods including adobe, rammed earth, cob, cinva brick and paving. For more details see below.

**Pottery and Wood Firing** with Toby Stafford

Participants will not only learn the skills of wood firing, but topics to be covered include, mixing clay, making paper clay, bulrush heads androgged clay.

**Flax Weaving** with Joame Goodhue

The course is aimed solely at beginners, students will look at all aspects of plant care, gathering and preparation whilst focusing on the development of weaving skills.

**Fibre Art** with Ailie Snow

For this workshop, participants will complete a "Textile Notebook, which combines stitching and book making.

**Painting** with David Sarich

Students will be encouraged to explore different subjects including landscape and still life, through drawing in wet and dry media.

**Earthbuilding Course Information:**

This is a hands-on course, an essential introduction for anyone contemplating building their own earth home with the emphasis on eco- as well as earthen architecture. The wide range of methods covered includes adobe, rammed earth, cob, cinva brick, and paving. Course participants learn through building permanent structures putting into practice the theoretical and technical knowledge gained. Numerous dwellings in the Whangarei area, available for participants to explore, show the diversity and practicality of this eco-friendly building style.

**Henery Mackeson**

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

Henery will be supported by the expertise of Graeme North and Thijs Drupsteen.

**Graeme North & Thijs Drupsteen**

Graeme North is a registered architect now based in Warkworth. He has been responsible for hundreds of earth building designs. He also chairs the NZ Standards Committee that wrote the Earth Building Standards. Thijs Drupsteen is a qualified engineer who has worked on the structural design of numerous earth buildings. He is now residing in the Hokianga and is also on the Standards Committee. Together they were inaugural Chair and Secretary of EBANZ and now have nearly 60 years earth building design experience between them.

Contact us for details [www.thequarry.co.nz](http://www.thequarry.co.nz) phone phone: (09) 4381215



**Are you interested in helping to guide our Organisation into the future?**

The next AGM is being held at 8:00 pm on the 21 October 2006 in Thames. We are always looking for active

Committee members. EBANZ also needs volunteers, people with vision and guiding hands with various skills to do a range of tasks. See details at the top of the newsletter.

If you would like any more information on how you could assist with please contact:

Richard Morrison phone: (04)5686838 email: [RFMdesign@paradise.net.nz](mailto:RFMdesign@paradise.net.nz)

or Peter Olorenshaw phone: (03)5466176 email: [petero@tasman.net](mailto:petero@tasman.net)

### 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](mailto:Richard.Morrison@ebnz.org.nz).

Radio FM 104.6	Green Planet Discussion	Radio FM 104.6	Thur 8-9 am
<a href="http://www.earthbuilding.org.nz">www.earthbuilding.org.nz</a>	Annual Conference/ House tour/ hands on, Earth Building Association of New Zealand	Thames	21-23 October 06
<a href="http://www.koanga.org">www.koanga.org</a>	Recycling waste water	Koanga	21 October 06
<a href="https://jasperweb.cpit.ac.nz">https://jasperweb.cpit.ac.nz</a>	Wind Water Earth and Sun Sustainable living	CPIT Christchurch	28 October 06
<a href="https://jasperweb.cpit.ac.nz">https://jasperweb.cpit.ac.nz</a>	Earth and Strawbale Building	CPIT Christchurch	4 November 06
<a href="http://www.koanga.org">www.koanga.org</a>	Earth Stoves	Koanga	4-5 November06
<a href="http://www.ecbcs.info/Seminar">www.ecbcs.info/Seminar</a>	International Energy Agency Energy Conservation in Buildings	Wellington	15 Nov 06
<a href="http://www.rainbowvalleyfarm.co.nz">www.rainbowvalleyfarm.co.nz</a>	Intro to Permaculture	Warkworth	17 Feb 07
<a href="http://www.nzsses.auckland.ac.nz/conference/speakers">www.nzsses.auckland.ac.nz/ conference/speakers</a>	Talking and Walking Sustainability Conference	Auckland	20-23 Feb 07
<a href="http://www.rainbowvalleyfarm.co.nz">www.rainbowvalleyfarm.co.nz</a>	Permaculture Design	Warkworth	16-30 March 07

	course		
<a href="http://www.branz.co.nz">www.branz.co.nz</a>	BRANZ CITE course on Sustainability	Wellington	Early 2007

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

**This month we introduce Lynette Baylis who is our Regional Contact in Hawkes Bay.**



Lynette and Russell Baylis have built their own earth brick home and also manufacture compressed earth bricks and pavers.

We at "Standing Stones Compressed Earth Bricks" welcome all your inquiries.  
 Contact details email [baylis.bro@xtra.co.nz](mailto:baylis.bro@xtra.co.nz) phone (06)8447015 fax (06)8443504

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