



Earth Building Association of New Zealand

eb news

EBANZ - Promoting the art and science of earth building - P.O. Box 1452 Whangarei

EB News 52

November 2009

EB News is an email newsletter featuring events & workshops promoting earth building & low impact living.

Please feel free to pass this newsletter on!

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Contact Editor: EarthBuildingAssociationNZ@gmail.com

FROM THE EDITOR:

Why not join EBANZ?

We need more members! Just \$45 per year!

Internet Banking: Kiwibank account # 38-9007-0611251-00

Please include reference - your full name/ mailing address

(so we can verify payment to our Membership Secretary)

SNAIL MAIL: join by filling out & sending us the Membership Form & cheque -
click [here](#) for form

EMAIL: enter the required details from the online form into an email - click [here](#) for email

You Get - subscription to 4 high quality magazines every year (includes glossy colour photos)

- access to earth building professionals via dedicated email chat-group
 - discounts on the annual conference/tour fees
 - access to EBANZ extensive library of [DVD/Videos](#)
- help support the research and development of earth building in NZ (we've been doing heaps of research & testing of light earth bricks!)

Or sign up a friend to EBANZ!!!

A perfect **Christmas gift** that keeps on giving!

Just \$45 annual membership per person (\$55 for overseas address)

Go to the website

www.earthbuilding.org.nz

Content:

SHAC 09 Symposium
19-21 November, Dunedin

Light Earth Building
21 November 2009, Torere, Bay of Plenty

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28 November 2009, Torere, Bay of Plenty

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5 December 2009, Taranaki

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16 - 21 December 2009, Wellington

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9 - 16 Jan 2010, Whangarei

5-day ADOBE/EARTH Building Workshop
18 - 22 Jan, 2010, Katikati

Build a schoolhouse
9 - 25 January 2010, Mali

Summer Earth Building Workshop in Beautiful Golden Bay
9 - 13 February 2010, Wainui Inlet, Golden Bay

2 x International PERMACULTURE DESIGN COURSES
5th-20th February & 26th March - 9th April 2010, R.V.F., Matakana

COB PIZZA OVEN WORKSHOP
late January or early February 2010, D'Urville Island in Cook Strait

Introduction to Natural Building
6, 13, or 20 March 2010 (3 workshops to choose from), Warkworth

CORDWOOD WORKSHOP
Saturday 24 April 2010, Warkworth

Links & ongoing courses:

Earth Building Workshops and other courses
Nelson area, 03 528 4751

Ongoing Modular Permaculture Design Course
Tarakaki, June 2009 - Feb 2010
Ph 06 756-8229 or 06 756-9100 kamaburwell@iconz.co.nz
<http://www.environaki.co.nz/courses-education.htm>

7. Community, Designing for Disaster, Nutrition- 6 & 7 Feb 2010
8. Design Project- 27 & 28 Feb 2010

Hybred Homes Ongoing Workshops, Nelson
<http://hybridhomes.co.nz/eco-centre/workshops/>
(+64) 3 548 8660

2 December 2009 Biolytix - Living with worms!
16 December 2009 Showroom Partners - Get your sustainable questions answered

EB News

SHAC 09 Symposium

19-21 November, Dunedin

Two years since we announced our audacious plan to run a nationwide competition requiring teams to design, fund and build a sustainable home, we are now ready to celebrate the results. We invite you to join us!

Registrations are open for the SHAC 09 Symposium in Dunedin from 19-21 November.

Hear insights from leading practitioners and learn how SHAC teams rose to their challenge to create "simple, adaptable, efficient, affordable" - in other words - more sustainable homes.

- **Thursday evening, 19 November:** Open lectures with sustainable housing visionary [Lawrence McIntyre](#), energy and environmental systems engineer Susan Krumdieck and designer/maker [David Trubridge](#)
- **Friday, 20 November** SHAC team presentations, with guest lectures from architect **Dave Strachan**, Department of Building and Housing chief architect **Duncan Joiner**, and Beacon Pathway manager **Nick Collins**. Dinner and awards ceremony.
- **Saturday, 21 November** Taking it forward. SHAC participants and others share their learnings and consider the next steps for sustainable building.

Join this diverse group of builders, architects, engineers, designers and others as they come together to share ideas and experiences. Register now at shac.org.nz, or email tim@shac.org.nz for more information.

Please circulate this email to anyone you think may be interested.

And if you would like to support the SHAC 09 through prizes and sponsorships, we would welcome your enquiry!

Tim Bishop SHAC 09 National Coordinator

www.shac.org.nz

021 705 346



Light Earth Building

Saturday November 21, 2009

Saturday November 21st. Koanga Institute, Torere 9am- 6pm

Bob Corker and Max van Ginkel \$90

An introduction to earthbuilding techniques for owner builders, and their use in low cost healthy, comfortable sustainable housing, and/or landscaping. Includes:
An overview of different techniques, their advantages and disadvantages
How to assess local clays and other earth materials for use
A focus on light earthbuilding techniques, including:- clayslip and composite fibre/earths.
A hands on demonstration

Click > www.koanga.org.nz - enrolment info & other courses

contact info@koanga.org.nz, call 07) 315 5363
location Koanga Institute, Torere, Eastern Bay of Plenty



Appropriate Technologies

Saturday November 28, 2009

Saturday August 1st. 2009
Koanga Institute, Torere 9am- 5pm

Bob Corker and Max van Ginkel \$90

We'll explore some technologies that make self reliance easier, many we can make ourselves with local materials, or materials that are common and low cost. This will include:-
charcoal making and use
solar food dryers
non-electric cool storage
hand washing machines
common grinders and uses
greenhouses

Click > www.koanga.org.nz - enrolment info & other courses
contact info@koanga.org.nz, call 07) 315 5363
location Koanga Institute, Torere, Eastern Bay of Plenty



Building an Earth Oven

5 December 2009, Taranaki

Earth oven workshop - a hands-on workshop where you will learn how to site, design and build an earth-oven.

Tutor - Peter

Cost - \$5

Location - To be advised

Taranaki Environmental Education Trust (TEET)

20 Kauri Street, Inglewood, Taranaki, New Zealand

Phone/Fax: 06 756 8229 - email: info@environaki.co.nz



16 - 21 December 2009, Wellington

What is Climate Camp?

Aotearoa's first ever [Climate Camp](#) seeks to address the real causes of climate change and build a people's movement that can and will stop disastrous climate change.

From its beginnings in the grassy fields of West Yorkshire to a diverse and vibrant global social movement, Climate Camps all over the world have shown that another world is possible - where we can take our future into our own hands.

After eighteen years of political inaction and a succession of politicians sipping lattes while working out ways to sell our children's futures on the carbon market, are we supposed to just sit still and watch this happen? Or is now the time we did something about it ourselves, instead of waiting another eighteen years for the future to literally dry up?



Quarry Arts - "Summer Do" 2010

9 - 16 Jan 2010, Whangarei

The annual "[Summer Do](#)" is held in the tranquil and inspirational environment at the Quarry Arts Centre located minutes from Whangarei. It is the longest running mixed media Summer School in N.Z (currently in its 23rd year) and a highlight in the Northland arts calendar. The Quarry is the perfect place to immerse oneself into our intensive 7 day art courses designed to be stimulating, inclusive, intensive and fun. We invite you to join us, to gain and share experiences and knowledge in the hands of an experienced renowned tutor in this supportive, social and encouraging environment. The "Do" also includes informal talks in the evenings by participating tutors, an open day and fun evening BBQ's and get togethers.

**The picky editor has plucked out only the earth / building related courses
(for the full course list - incl. sculpture, fibre, weaving, painting,
printing, Intermediate Ukulele - click [here](#))**

Clay handbuilding and surface decoration –Fiona Tunncliffe

Fiona has been working fulltime with clay for over 20 years, having spent time at Wanganui Polytechnic with George Kojis and Paul Winspear and later obtaining a Diploma in Ceramic Art through Otago Polytechnic. She has exhibited extensively throughout NZ including being accepted for the Portage Awards, NZ Society of Potters Exhibitions and NZ Academy of Fine Arts exhibition and has had recent success in the Waikato Society of Potters, Franklin Art Society and Thames Summer Art exhibitions.

Fiona who works mainly on animal forms, mostly horses says, "in my case limiting the subject matter means one less variable, the possibilities with clay are endless and the opportunities to learn and evolve go on forever".

Course Content

Suitable for artists at all levels of experience, this workshop will focus on clay handbuilding using slab and coil construction and adding texture to make predominantly animal forms. Adapting clay to fit the form, using the appropriate clay to fit the form, and seeing how far the boundaries can be stretched. Decoration will include finding textures or creating images using clay stamps or making plaster casts of found objects and incorporating them into a clay form.

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 and the UK. Henry is also a potter, sculptor and builder and has been tutoring earth-building methods since 1985.

Graham North (registered architect) has been pivotal in the growth of the earth building renaissance since 1971 and has been 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 engaged in passive residential solar design.

Course Content

This is a hands on course, exploring a wide range of methods including adobe, rammed earth, cob,

plaster making 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.

Contact the Quarry team to make a booking +64 9 438 1215, admin@quarryarts.org

Cost \$475 for 7 day courses \$275 for short courses

Camping available on site for \$50 for duration of course (includes cereals, milk and hot drinks for breakfast)

Students can order lunches on a day to day basis. Spaces have already started filling so get in quick to avoid disappointment



5-day ADOBE/EARTH Building Workshop

18 - 22 Jan, 2010, Katikati

5-DAY ADOBE WORKSHOP : JOIN US AND EXPERIENCE THE UNLIMITED POSSIBILITIES OF BUILDING WITH EARTH.

This five day workshop will provide you with more in depth knowledge of the design and construction of earth buildings and a good amount of "hands-on" practical experience to give you confidence to build your own Adobe construction. Participants are encouraged to learn from hands on experience, to have fun playing with mud, shovelling, sculpting, decorating, allowing themselves to follow the curves of their imagination - No straight lines here!

During this workshop participants will be building a natural adobe outdoor playground with playhouse and pizza oven. This is going to be a fundraiser event; all money, materials and labour comes from grants, fundraising, and donations.

Cost: \$ 250,— full 5-day course incl. lunch

For information and bookings contact;

Katikati Kindergarten 07-5490084 or email katikatikindergarten@xtra.co.nz



Build a Schoolhouse

9 - 25 January 2010, Mali

Last Chance! Email EB News editor for full story!! [link at top]

January 9th - 25th, 2010 - Dogon Country, Mali, West Africa

Build a schoolhouse with the Dogon people of Tirelli.

Experience the daily life of the people of Tirelli, an off-grid traditional village. Visit ruins of old Dogon towns comparable to Mesa Verde and Chaco Canyon.

Early registration (7/09) is 20% less tuition than later registration (11/09).

See details and sign up today at: www.earthenhand.com

Scott Howard started **Earthen Hand Natural Building** in 2002, with the goal to build and promote artistic earthen architecture.

Participants will learn everything that they need to build structurally stable domes using little more than earth from the site. The design is a catenary dome with two windows and a door. Dome building by hand is an ancient art that is still used today in many parts of the world. It is one of the fastest and simplest ways to enclose a space, and is ideal for environments such as the Dogon country. The design for the schoolhouse demonstrates wood-less construction in an area where wood is scarce.



Summer Earth Building Workshop in Beautiful Golden Bay

9 - 13 February 2010, Pigeon Saddle, Golden Bay

Topics will include:

- Evaluation of Soils
- Site Selection and Evaluation
- Passive Solar Energy Design
- Structural Design
- Weather Protection
- Adobe Construction
- Cob Construction
- Building Consent Requirements
- NZ Earthbuilding Standards
- Construction Details

Some earth-walled-buildings in the Golden Bay area will be visited during the workshop.

WHEN AND WHERE: 9.00am to 5.30pm, Tuesday to Saturday, 9 to 13 February 2010 at Pigeon Saddle between Wainui and Totaranui in Golden Bay.

WORKSHOP CO-ORDINATORS: Bella and Richard Walker built an adobe house in Nelson in 1987 and are presently building a new house at Pigeon Saddle with adobe and wattle and daub walls and are designers of earthbuildings. They have held many earthbuilding workshops in the past 20 years. Richard is a consulting professional engineer and prepared the draft for the New Zealand Standard for Earthbuildings not Requiring Specific Design.

WORKSHOP FEE: \$450.00 per person for the five days.
\$30 discount for fees paid before 1st February 2010.
Lunch and hot and cold drinks provided.

Further information:

Richard and Bella Walker

03 528 4751

bellaandrich@ts.co.nz



Rainbow Valley Farm, Matakana

International Permaculture Design Courses

- 1) 5–20 February, 2010
- 2) 26 March-9 April, 2010

Two Permaculture Design Courses will be held on Rainbow Valley Farm this summer. This is the original 72 hour design course - graduates will be awarded a certificate from Bill Mollison's Permaculture Institute in Australia.

5–20 February 2010: Lead Tutor: Darren Doherty.

Darren is an Australian who has been teaching permaculture for 15 years in Australia, New Zealand, United States, Argentina, Spain and Vietnam. He is an experienced and sought after designer with more than 1,200 designs to his name. Guest tutors Trish Allen, Graeme North, Sabine Drueckler & Wolfgang Hiepe

26 March-9 April 2010: Lead Facilitator: Trish Allen, co-founder of Rainbow Valley Farm with her late husband Joe Polaischer. Co-tutors: Dion Workman, Graeme North, Sabine Drueckler & Wolfgang Hiepe

Price structure:

\$1,550 to \$1,950 depending on accommodation option chosen. More info >[Click](#)

!!!Registrations of interest required !!!



COB PIZZA OVEN WORKSHOP

late January or early February 2010, D'Urville Island in Cook Strait

Learn how to build a pizza oven out of cob.

This workshop is very special and will be held in a very remote and very beautiful part of the east coast of D'Urville Island. The site is above lovely beaches and surrounded by native bush. The only accommodation will be camping. Access is only by water. We are seeking expressions of keen interest to see how we can make this work.

Please note that numbers of attendees will have to be very be limited.

Logistics, travel, and tuition and accommodation fees are yet to be confirmed. The likely time is over 3-4

nights and 2-3 days during late January or early **February 2010**.

To register interest or for more information please email: info@ecodesign.co.nz



Introduction to Natural Building

3 workshops to choose from: 6, 13, or 20 March 2010, Warkworth

Learn by doing!

Materials explored will include traditional mud brick and cob, earth floors, wattle and daub, earth and lime plastering, hemp, bamboo, and some novel light weight earthen materials.

Chose either:

1 day Saturday 6 March 2010

or

1 day Saturday 13 March 2010

or

1 day Saturday 20 March 2010

Discover the unique and creative potential natural building. Explore materials and techniques in an intensive, hands-on experience, using a variety of materials focusing on natural clay as a major resource. There will be opportunities to make and use a variety of materials including dense and lightweight mud brick and cob, inclusion of natural fibres such as straw and hemp, and some work with bamboo. We will also touch on earth and lime plastering, earth floors, and discuss strawbales. Numbers are limited to give good opportunities for participation and discussion

Fee: \$120 per person GST incl. includes tuition from 9.30am – 4.30pm, morning and afternoon teas.

Please bring your own lunch

\$50.00 is payable in advance to secure a place. The deposit is non-refundable unless the event is cancelled

To enrol, send your name, address, phone number, email address, workshop date and your deposit to

Graeme North, 49 Matthew Road, RD1, Warkworth 0981

or direct credit to:

Livingscapes NZ Ltd Kiwibank Wellington NZ, A/C # 38 9007 0647553 00 (confirm by email)

For more information, please email: info@ecodesign.co.nz



CORDWOOD WORKSHOP

Saturday 24 April 2010, Warkworth

Explore cordwood building for NZ conditions.

Cordwood uses sections of whole or split logs as building blocks laid up in a mortar mix and is relatively unknown in New Zealand. Our particular weather conditions and regulatory environment puts constraints on its use here.

1 day Saturday 24 April 2010

Graeme will combine forces with Ian Redfern (of Adobe South) for an exploration of the use of cord wood laid up in cob matrix in the NZ building and regulatory environment. Fee: \$120 per person GST incl. includes tuition from

9.30am – 4.30pm, morning and afternoon teas.

Bring your own lunch.

\$50.00 is payable in advance to secure a place. The deposit is non-refundable unless the event is cancelled.

To enrol, send your name, address, phone number, email address, workshop date, and your deposit to

Graeme North, 49 Matthew Road, RD1, Warkworth 0981.

Please make your cheque made out to "Earthgarden" or pay by direct credit to:

Livingscapes NZ Ltd Kiwibank Wellington NZ, A/C # 38 9007 0647553 00 (confirm by email)

For more information, please email: info@ecodesign.co.nz

Spotlight:



- "[Content Submission](#)" -

We all know that it is crucial to get our advertising out there these days, and EcoBob is making it easy!!

Yes EB News is a great device for advertising Earth Building courses, and now you can also submit your courses for free to EcoBob's online newsletter!!

[Content Submission](#) is a great little feature that lets you advertise your Eco-Events quickly and easily,

all by yourself!! So if you are a course provider, go there today and add your course to the list!

(You can add a course picture or logo too.)

Or if you just want to know more about green events go to <http://www.ecobob.co.nz>

(Photo Credit: Images of NZ Native Plants were kindly donated by : www.bushmansfriend.co.nz)

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