



**EARTH BUILDING ASSOCIATION OF AUSTRALIA**  
Building with the ultimate material for sustainability

Optimising earth wall materials  
to achieve NatHERS 7 star rating



PHOTO: STEPHEN DOBSON, RAMTEC



PHOTO: RYAN STRATING, ECA LWAC CYGNET HOUSE  
PHOTO: INSET: RYAN STRATING CLINKA

**EARTH BUILDING CONFERENCE 2024**

## Continuing Professional Development for Architects

The Earth Building Association of Australia (EBAA) annual conference from Friday evening, 23rd to Sunday, 25th February 2024 at the University of Western Sydney, Hawkesbury Campus NSW, (specifically the Earth Care Centre & Secret Garden).

Our conference is an annual gathering to discuss and share all that is current in the world of earth building, learning and sharing ideas through participation and workshops as well as hearing from experts from around the world. In response to the current national regulatory changes in the building industry, our focus for 2024 will be on optimising earth wall materials to achieve NatHERS 7\*



## Speakers

- **Dr Jim Carfrae**, University of Plymouth School of Art, Design and Architecture, UK (online) - Thermal testing of medium density Cob blocks to comply with current NatHERS rating
- **Marci Webster-Mannison**, Melbourne Design Studios, AUS - NCC Update: Passive Low Energy assessment
- **Peter Hickson**, Earth Building Solutions, AUS, EBAA President - Lower density values: Meeting the new energy efficiency requirement
- **Verena Maeder**, Solid Earth, NZ - Adobe Innovation: Structural low-density adobe for temperate climates
- **Ryan Strating**, Clinka, AUS - lightweight expanded clay aggregate: increasing the thermal ratings of earth walls

## Workshops\_(Saturday afternoon)

- **Introduction:** achieving lower density values with earth materials - **Peter Hickson**
- **Cob** (musical mudstomp) - **Rhiannon Morgan/ David Mitsak**
- **Mudbrick** - **Will Eastlake**
- **Unstabilised Rammed earth** - **Ray Trappel**
- **Light Earth** - **Kenny LeMire**



PLEASE FILL IN SUMMARY NOTES AND OR SKETCHES OF  
KNOWLEDGE GAINED FROM LECTURES,  
OR WORKSHOPS OF YOUR CHOICE

EBAA 2024 Workshop/Lecture

Speaker/Presenter

National Competency Standard

Design     Documentation     Project Delivery     Practice Management



EBAA Australia's earth building community.

February 2024  
Architects CPD NOTES

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EBAA ADMINISTRATION  
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