

Housing Fit for our Future:

the convergence of housing,
climate change and energy.

2019 Eco Design Advisor Conference

24–25 October 2019

Ellen Melville Centre
2 Freyberg Place, Auckland



Draft programme (@ 18 August 2019)

The 2019 programme is coming together and will be shared here as it develops. Current speakers to look forward to are:

Day One: Climate change and housing - what's the state of play?

The conference will be opened by the **Hon Dr Megan Woods**, Minister of Housing, Energy and Resources, Greater Christchurch Regeneration, and Research and Innovation.

Keynote speaker: **Dr Janet Stephenson on 'Climate change, energy and housing - what's possible in NZ?'**

Associate Professor Janet Stephenson (Director, Centre for Sustainability, University of Otago) is uniquely qualified to examine the relationship between housing, energy and climate change in New Zealand. Dr Stephenson's research has seen her examine household attitudes, behaviours and decisions on energy, explore impacts of climate change on communities, audit city-wide energy use, investigate best practice management of NZ's electricity grid, and contribute her expertise to Royal Society of New Zealand's report "Transition to a low-carbon economy for New Zealand".

Session One: Setting the scene - what will climate change mean for our housing?

- Ryan Paulik from the Deep South Science Challenge (which has a mission to enable New Zealanders to adapt, manage risk, and thrive in a changing climate) will present on climate change and flood hazards in NZ – what does it look like and how have our homes coped so far?
- Belinda Storey is a climate economist - she says it's a matter of when - not if - insurance companies will stop insuring coastal properties. Her Deep South team are identifying the locations most likely to lose insurance access in the next few decades, and what size event might trigger insurance retreat.
- Auckland Council will present on the Council's plan on climate change energy efficiency and housing.



Session Two: What might climate change friendly housing look like?

- Scott Willis (Blueskin Resilient Communities Trust) will present a blueprint for climate-safe housing: a community response to the combined climate and housing crises.
- Shay Brazier (Revolve Energy) will present on zero energy buildings (Camp Glenorchy and Zero Energy House in Auckland).

Session Three: How do we engage our clients/customers?

- Sophie Heighway (Sustainability Initiatives Manager, Auckland Council) will present on extending the reach of home performance advice to Aucklanders and how to include actions to reduce carbon emissions without talking climate change.
- Maria Ioannou (Community and Planning, Dunedin City Council) will present on 'Enabling communities to lead their own futures: DCC's innovative approach to talking about climate change'.
- Jane O'Loughlin (Communications and Engagement Manager, EECA) will present on 'Connecting with Kiwis on climate change'.

Day Two: Getting down to specifics

Session Four: Tools to help build and design for climate change

- Brian Berg (Building Environmental Scientist, BRANZ) will present on 'Life cycle carbon in buildings: what is it, why is it important, where is it being used internationally, how can it be accurately calculated in NZ, what is a good result, and where does Beacon's Waitakere NOW Home sit in terms of NZ carbon budget?'

Session Five: Catching up on progress in making homes warm and dry

- Caroline Shorter (Otago University) on 'What we know about mould in our homes'
- Paul Davies (Housing and Tenancy Service, MBIE) will present on the experience of the Tenancy Compliance and Investigations Team for the Residential Tenancies Act, and preparations for forthcoming changes from Healthy Homes Act.
- Eddie Thompson (Manager Warmer Kiwi Homes, EECA) will present on Warmer Kiwi Homes

Session Six: Designing and building climate-adapted homes

- Julie Villard (Eco-Design Advisor, Christchurch City Council) will present on how to make smart heating choices that are good for you and the planet.

Session Seven: Working session – best practice advice so housing doesn't cost the earth



An interactive conversation to bring learning on climate change and housing together to generate good advice for households.

CPD points

The following organisations are offering points to their members for attending this conference:

NZIA is offering 80 NZRAB points (40 NZRAB per day)

ADNZ is offering these points:

- Day 1 (Thurs) - 5.5 Design points + 1 Practice Management point
- Day 2 (Fri) - 5.5 Design points
- Or full conference (both days) - 11 Design points & 1 Practice Management point

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