

Clare Dykes

Acoustics Engineer



During her time at AES Clare has had the opportunity to build on her Master's studies regarding building user perception and the role that acoustics plays in occupant experience. With the overall aim of creating an engaging and functional acoustic environment, she has been involved with a number of new building developments including the ANZ Centre, Knox Plaza, and the Engineering and Architecture School at Ara.

Clare has also gained experience working in a variety other areas of acoustics including construction noise, noise from building services and industrial installations, and the assessment of noise effects in a Resource Management Act context. This has allowed her to be able to contribute to the rebuilding Christchurch city, with involvement in a number of successful Resource Consent applications for bar and restaurant facilities returning to the Central City including Engineers Bar & Merchants, Mexicano's, Bootleg BBQ Company and Mashina Lounge at the Christchurch Casino.

Major projects - Building acoustics

- Ara Whareoa (Science & Wellbeing facility), Kahukura (Engineering & Architectural studies) and Te Tumu (Corporate services), Christchurch
- Wellington Control Tower, Wellington & Nelson Control Tower, Nelson
- Hawke's Bay Airport development, Napier & Nelson Airport terminal development, Nelson
- Bupa Acacia Cove retirement village development, Auckland
- The Arts Centre restoration, Christchurch
- ANZ Centre, Christchurch
- ECAN Building, Christchurch
- Outpatients Building, Christchurch
- Salvation Army, Gracefield development, Christchurch.
- Quake City exhibition, Christchurch
- CDHB Corporate Offices, Christchurch

Major projects - Environmental acoustics

- Hagley Oval / Canterbury Cricket, Christchurch
- Awatea residential developments, Christchurch
- Rolleston Christian School, Rolleston
- Numerous hospitality venues including, Mashina Lounge, Engineers Bar, Mexicano's, Bootleg BBQ Company, Papanui Club

Affiliations

- Member of the Acoustical Society of New Zealand (MASNZ)
- NZ Site Safe Consultants Passport

Qualifications

- Masters of Building Science – Victoria University of Wellington (2012)

Publications

- Clare has a number of internationally recognised publications in the area of building performance; copies of which can be provided on request.