

Qualifications

- Bachelor of Nuclear Engineering – Xi'an Jiao Tong University (2010)
- Masters of Engineering Studies (Mechanical) – University of Auckland (2016)

Affiliations

- Affiliate with the Acoustical Society of New Zealand (MASNZ)

Company Memberships

- Association of Consulting Engineers of New Zealand (ACENZ)
- Association of Australasian Acoustical Consultants (AAAC)

Since joining AES in 2016 after finishing his Master of Engineering Studies (Mechanical) at the University of Auckland, Aaron has completed numerous environmental acoustics projects including the assessment of noise from traffic, rail, aircraft, commercial centres, restaurants, bars, music festivals, fire stations and many other noise sources. The analysis and control of noise from these sources fits well with his keen interest and experience in theoretical calculations and computational modelling. Through this work Aaron has gained a good understanding of the most effective and economical strategies for managing noise from a wide range of environmental sources.



Prior to commencing a career in acoustics, Aaron accumulated over 5 years' experience in a number of roles related to the operation and maintenance of a large, complex, industrial facility, and the building services industry. His Master's research involved the investigation of the performance of an underfloor air distribution system with a passive chilled beam in an office situation. This background means Aaron is well placed to understand and apply his skills to noise issues associated with industrial installations and mechanical plant associated with buildings.

Major projects - Building

- Seed Force Building, Christchurch
- 20 Hereford Street Apartment development, Christchurch
- Celebration Lions Sports Trust, Indoor Sports Stadium, Christchurch
- 30 Peterborough Street Apartment development, Christchurch
- Durham Street Methodist Church, Christchurch
- 252 Cumberland Street residential units, Dunedin
- HNZ Evelyn Couzins Avenue residential units, Christchurch
- West Spreydon School, Christchurch
- Breens Intermediate School, Christchurch
- Mount Pleasant School, Christchurch

Major projects - Environmental

- Sumner Fire Station, Christchurch, Assessment of Environmental Noise Effects
- Tuki Music Festival, Wanaka, Assessment of Environmental Noise Effects
- Stonebrook Commercial Development, Rolleston, Assessment of Environmental Noise Effects
- Applebyfield Subdivision Development, Nelson, NZTA Traffic and Vibration Mitigation
- O'Connell's Pavilion Redevelopment, Queenstown, Construction Noise Assessment
- Canterbury Dried Foods Expansion, Ashburton, Assessment of Environmental Noise Effects
- 137 Miners Road Quarry, Templeton, Assessment of Environmental Noise Effects
- Kirwee Recreation Reserve, Kirwee, Assessment of Environmental Noise Effects