

Qualifications

- Bachelor of Mechanical Engineering with Honours (2011)

Affiliations

- Member of the Acoustical Society of New Zealand (MASNZ)
- NZ Site Safe Consultant's Passport

Company Memberships

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

William enjoys the opportunity acoustic consulting provides to learn about a wide variety of activities. This is reflected in his recent work which includes noise assessments of everything from unmanned aerial vehicles and wind machines to building design advice for performance venues, construction activities and mixed-use precincts.



William appreciates the challenge of working with clients to understand how their activity will operate and turning this into a realistic and reasonable appraisal of the noise which may be produced. William is familiar with how an acoustic assessment fits into the planning framework and regularly provides acoustic peer reviews. He is also available as an expert witness.

When collaborating with a design team on building projects, William appreciates the importance of understanding the client brief and determining how various spaces are intended to be used in a building. Converting this into a reasonable set of acoustic criteria has been a key part of several of the successful mixed-use developments William has provided design advice for.

Selected projects - Environmental

- Selwyn District Council 2nd Generation Plan, Selwyn District
- Rolleston Town Centre development, Selwyn District
- Fire and Emergency New Zealand Ilam Station and Training Centre, Christchurch
- Aircraft noise modelling, Pukaki Airport Board
- Mt Cass Wind Farm, modelling of revised turbine scheme, MainPower
- Plan Change 13, Cromwell, Horticulture New Zealand expert witness
- Niagara Sawmill, Southland, noise mitigation advice
- The Meadows and The Fields subdivisions, Richmond,
- Containerised mini-hydro generation units, Melbourne

Selected projects - Building

- Haere-roa Student Building, University of Canterbury
- McCombs Performing Arts Centre, Cashmere High School, Christchurch
- Public Private Partnership (PPP2) Schools, Acoustic Review, Auckland, Christchurch and Queenstown
- Holiday Inn Express hotel, Queenstown
- Spark Building, Christchurch
- Forte Health Private Surgical Hospital, Christchurch
- The Terrace, mixed use development, Stages 1 and 2, Christchurch
- Regional Centre for Science, Innovation and Technology, University of Canterbury
- Taieri College Performing Arts Centre, Dunedin