

Dr Jeremy Trevathan

Principle Acoustics Engineer



Since founding AES in 2006, Jeremy has worked on a large number of projects in building, environmental and industrial acoustics. In recent years Jeremy has been heavily involved with the Christchurch rebuild effort with important continuation projects including the High Court and Temporary Court building complexes and Temporary Police Station, restoration projects including the Arts Centre, and new build projects including the Regional Centre of Science and Innovation Centre at the University of Canterbury, the Canterbury Regional Council and Canterbury Employers Chamber of Commerce office reconstruction projects and extensive redevelopment of the St Margarets, Rangī Ruru and Halswell School campuses.

Jeremy also has considerable experience in environmental acoustics including the preparation and presentation of evidence at Council Hearings, Environment Court and before Boards of Inquiry.

Major projects - Building acoustics

- Christchurch City Council Civic Building and Canterbury Regional Council Project 200 Tuam Building, Christchurch
- Airways Control Tower and Air New Zealand Regional Lounge, Christchurch International Airport
- Remarkables Primary School, Frankton, Queenstown
- Regional Centre for Science, Innovation and Technology, University of Canterbury
- New Zealand Embassy, East Timor

Major projects - Environmental acoustics

- Turitea Wind Farm, Palmerston North (Board of Inquiry)
- Central Plans Water Scheme, Canterbury (Commissioner Hearing)
- DCC Plan Change 8 – Forsyth Barr Stadium, Dunedin (Commissioner Hearing)
- Mill Creek Wind Farm, Wellington (Environment Court Hearing)

- Hagley Oval / Canterbury Cricket, Christchurch (Environment Court Hearing)

Memberships

- International Institute of Acoustics and Vibration (IIAV)
- Associate of the New Zealand Planning Institute (Assoc.NZPI)
- Member of the Acoustical Society of New Zealand (MASNZ)
- Association of Consulting Engineers of New Zealand (ACENZ)

Qualifications

- Bachelor of Mechanical Engineering – University of Canterbury (2001)
- Doctor of Philosophy in Mechanical Engineering (Acoustics) – University of Canterbury (2005)

Publications

- Jeremy has a number of internationally recognised publications in the area of sound transmission through built structure; copies of which can be provided on request