

Michael Fowler Centre

Performing Arts Centre | 2017

**CLIENT**

Wellington City Council

LOCATION

111 Wakefield St., Te Aro,
Wellington 6011, New
Zealand

INDUSTRY

Historical and
Environmental
Preservation

SERVICE

Structural Dynamic
Analysis

IMPACT

Documented the performing-arts centre's response after the earthquake, distinguishing the main auditorium from its attached portion.

CHALLENGE

The Kaikōura earthquake prompted assessment of a complex venue with a main auditorium and connected structure.

STRAAM APPROACH

STRAAM completed an eight-hour campaign with five triaxial accelerometers sampling at 200 samples per second and nine traveler positions.

RESULT

The work recorded how the main auditorium and attached area responded after the earthquake, giving the project team a reference for structural evaluation.