



Seismic Risk Advice

Seismic risk can be a complex area for decision-makers to navigate. Earthquakes are inherently unpredictable, and the stakes for important buildings can be very high. Beca have been helping our clients steer a path through these risks for over half a century.

We have the technical capabilities to evaluate and quantify these risks, whether it be priority triaging of a wide asset portfolio, or detailed analysis of an individual building. More importantly, we have the highly experienced individuals with the judgment and knowledge to help convert complex engineering information into digestible form, to allow boards, executives, and other decision makers manage their organizational risks. By benchmarking to reference buildings, standards, or other occupational risks we can help you reach informed and pragmatic outcomes.

We work on a diverse range of earthquake engineering projects across the globe – from the seismic assessment of earthquake-prone buildings in New Zealand to the development of seismic codes in Asia and large-scale retrofit programmes in Europe.

With our engineering roots in the ‘shaky isles’ of New Zealand, Beca has always been at the forefront of earthquake engineering – in fact, you might say it’s in our DNA. Protecting lives and assets against this devastating force of nature drives our engineers to

“ **Our role is to act as navigators for our clients addressing earthquake risk. First to quantify that risk, specific to their organisation, and then to help them find the best way to mitigate that risk** ”

seek the best solutions for our clients and communities. With project experience across the globe, we’ve extensive capability in seismic resilience solutions.

Seismic risk management requires the ability to transfer highly specialist and detailed earthquake engineering knowledge into an organization-wide framework. To connect the tactical to the strategic. Our engineers are equally at home helping executives make critical life-safety decisions as they are quantifying the impacts of structural detailing on that life-safety risk.

As our understanding of the impact of earthquakes continues to evolve, we are always challenging ourselves to deliver sustainable, leading-edge solutions.

Contact our earthquake engineering specialists below to discuss how we can help you with the seismic assessment and retrofit of existing structures, liquefaction analysis, low-damage design, portfolio seismic risk advice, seismic hazard analysis and seismic restraint services. We’re ready to help make your everyday better through stronger, seismic-resilient buildings!

Contact Us



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