

Module 1: Overview of the geotechnical guidelines

All content related to B1 Structure (<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/>)

Guidance

Module 1: Overview of the guidelines

[PDF 2.2 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b1-structure/geotechnical-guidelines/geotech-module-1.pdf>)



About this document

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Of interest to Building consent authorities, Engineers

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Introduction

This is an overview of the modules that make up the Earthquake Geotechnical Engineering Practice geotechnical guidelines.

Contents

It introduces the subject of earthquake geotechnical engineering, provides context within the building regulatory framework, and provides guidance for estimating ground motion parameters for geotechnical design.

Education

Learn about Module 1 (<https://www.building.govt.nz/building-code-compliance/geotechnical-education/learn-about-module-1/>) in the geotechnical education section.

Other modules

Earthquake geotechnical engineering practice series (<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/geotechnical-guidance/#jumpto-earthquake-geotechnical-engineering-practice-series>)

Resources

Other resources that are available include:

- [New Zealand Dam Safety Guidelines \(2015\)](https://nzsold.org.nz/2017/08/31/the-new-zealand-dam-safety-guidelines/) (<https://nzsold.org.nz/2017/08/31/the-new-zealand-dam-safety-guidelines/>) on the New Zealand Society on

Large Dams website

- [Bridge Manual \(https://www.nzta.govt.nz/resources/bridge-manual/\)](https://www.nzta.govt.nz/resources/bridge-manual/) on the New Zealand Transport Association website
- [Repairing and rebuilding houses affected by the Canterbury earthquakes \(https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses-affected-by-the-canterbury-earthquakes/\)](https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses-affected-by-the-canterbury-earthquakes/)
- [Planning for Development of Land on or Close to Active Faults \(http://www.mfe.govt.nz/publications/rma/planning-development-land-or-close-active-faults-guideline-assist-resource\)](http://www.mfe.govt.nz/publications/rma/planning-development-land-or-close-active-faults-guideline-assist-resource) on the Ministry for the Environment website
- [The 2010 National Seismic Hazard Model \(https://www.gns.cri.nz/Home/Our-Science/Natural-Hazards/Earthquakes/Earthquake-Forecast-and-Hazard-Modelling/2010-National-Seismic-Hazard-Model\)](https://www.gns.cri.nz/Home/Our-Science/Natural-Hazards/Earthquakes/Earthquake-Forecast-and-Hazard-Modelling/2010-National-Seismic-Hazard-Model) on the GNS Science website.

All guidance documents related to B1 Structure(https://www.building.govt.nz/search/?bcc%5B%5D=b1-structure&area=guidance&show=all&action_doSearch=Search&sort=recent#results)



New Zealand Government

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