

Module 5: Ground improvement of soils prone to liquefaction

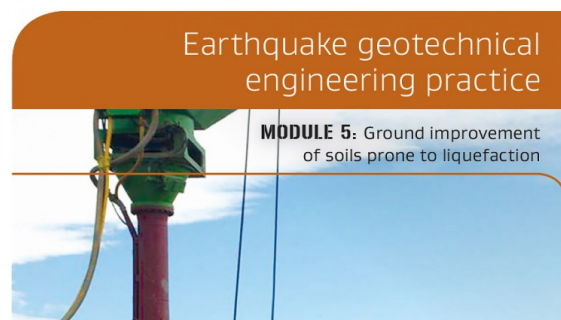
All content related to B1 Structure (<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/>)

Guidance

Module 5: Ground improvement of soils prone to liquefaction

[PDF 3.5 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b1-structure/geotechnical-guidelines/module5.pdf>)



About this document

Published on 31 May 2017

Updated on 3 May 2018

Of interest to Building consent authorities, Engineers

ISBN: 978-1-98-851736-0 (Print) / 978-1-98-851735-3 (Online)

Introduction

This module covers the principles of the design of ground improvement, up-to-date practice and supports the Canterbury Earthquakes Royal Commission recommendations.

Contents

Developed jointly by MBIE and the New Zealand Geotechnical Society, Module 5 is part of the Earthquake Geotechnical Engineering Practice series and relates specifically to ground improvement of soils prone to liquefaction.

Other modules

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

Resources

Other resources that are available include:

- [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/>)
- [FHWA-NHI-06-19 & FHWA-NHI-06-020 Ground Improvement Methods](https://www.fhwa.dot.gov/engineering/geotech/library_listing.cfm) (https://www.fhwa.dot.gov/engineering/geotech/library_listing.cfm) on the US Department of Transportation Federal Highway Administration 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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