

Management of buildings during an

emergency

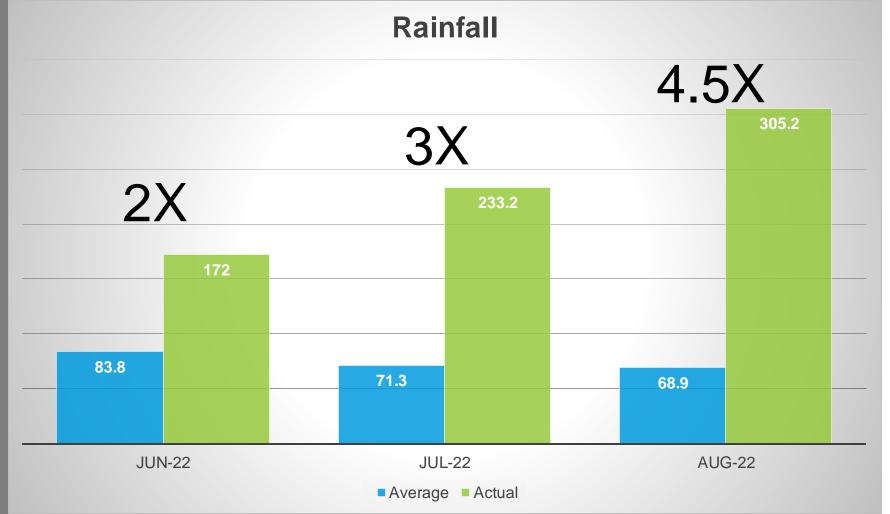








Weather leading up to the event





During the event - Flooding









During the event - Slips







During the event – Global movement





During the event – Infrastructure









Response to the event



Civil Defence Emergency Management Act 2002

Public Act 2002 No 33 Date of assent 17 October 2002 Commencement see section 2

17 August 2022 – State of emergency declared (223 Households evacuated)



Building Act 2004

Public Act 2004 No 72 Date of assent 24 August 2004 Commencement see section 2

18 August 2022 – Designation made under the Building Act 2004 (over 500 buildings assessed)



Response to the event – Principals applied



Building Act 2004

Public Act 2004 No 72 Date of assent 24 August 2004 Commencement see section 2

133BN Principles for exercise of powers

A responsible person exercising a power under any of sections 133BQ to 133BX and 133BZA in relation to a building must, to the extent that is practicable in the circumstances, have regard to the following principles:

- (a) the paramount consideration in the exercise of those powers is the protection of human life and safety:
- (b) actions taken should be proportionate to the risks being managed:
- (c) actions should result in minimal restriction of the ability of an owner or occupier to continue to use and occupy property and any restriction of that ability should be for no longer than is reasonably necessary:
- (d) decisions should be based on—
 - (i) up-to-date information, including information about the possible occurrence of further emergencies or other relevant events and other changes in the type and severity of risks arising from an emergency:
 - information about possible future events.

Section 133BN: inserted, on 17 December 2019, by section 12 of the Building Amendment Act 2019 (2019 No 27).



Rapid Building Assessments











Rapid Building Assessments











Rapid Building Assessments



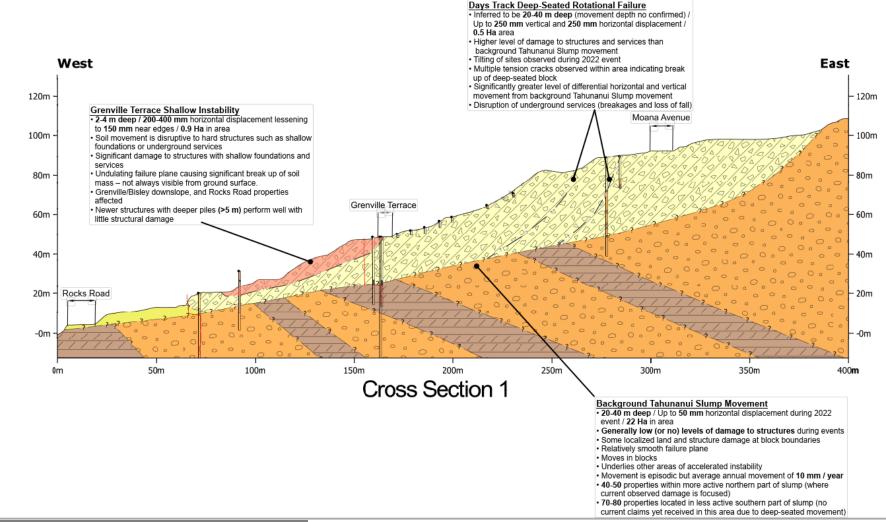
Not about compliance!







Areas of concern – Tahunanui slump





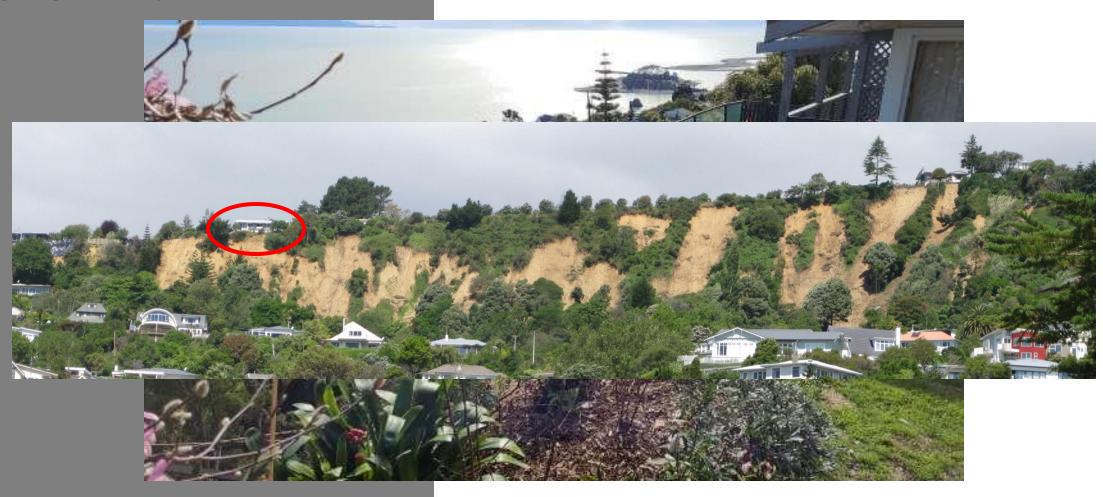
Ongoing recovery





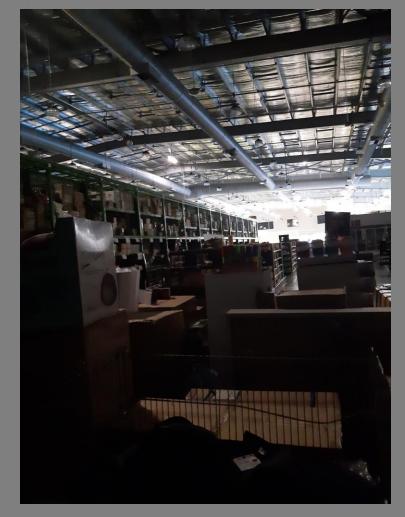


Ongoing recovery





IQP roles

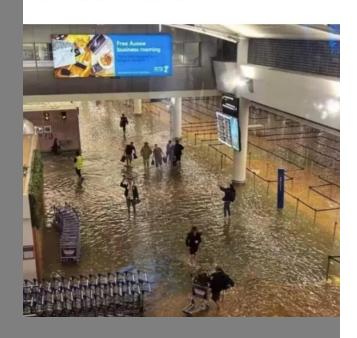






Specific considerations

Auckland Airport staff drained terminal in three hours







Flooding in Auckland's CBD Photo credit: Supplied





Ongoing issues



- Long time frames for recovery
- Complex geotechnical issues
- Under insured or no insurance
- External issues
- Measurement of residual risk
- Complex processes

Next steps

RNZ · 7d · on MSN

Seven more storm-hit homes in Nelson bought out by council

Nelson City Council has offered to buy out seven more homes deemed unsafe to live in after the August 2022 storm, in a ...





- Managed retreat
- Transition to Dangerous building notices (if appropriate)
- Future planning

