

# Campus resilience vision

LIFE SAFETY GOAL

## No fatalities in future earthquakes

All buildings on campus are as safe or safer than intended by modern code provisions

OPERATIONAL RECOVERY GOAL

## Restore campus operations within **3 months** of a major earthquake

Most buildings on campus achieve “beyond code” low-damage provisions

# Roadmap to resilience

## Guides Decision Making

Users: UBC staff

Seismic Real Estate  
Framework



## Guides Design of New Construction

Users: Designers

Resilience-based  
Design Guidelines for  
New Construction



Resilience-based  
Design Guidelines for  
Retrofits and  
Renewals



## Guides Design of Retrofits/Renewals

Users: Designers

# Project overview and scope

- Outlines tolerable risk targets and translates to building performance
- Specifies building performance objectives for new and existing buildings
- Specifies triggers for building retrofit and renewal

Seismic Real Estate  
Framework



- Specifies design criteria to achieve policy objectives
- Specifies risk analysis criteria

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