



## Expanding wood use towards 2025: increased seismic loads in the 2020 National Building Code

<https://library.fpinnovations.ca/en/permalink/fpipub8163>

Author: Popovski, Marjan  
 Bagheri, Mehdi  
 Chen, Zhiyong  
 Ni, Chun

Date: March 2021

Edition: March 2021

Material Type: Research report

Physical Description: 44 p.

Sector: Wood Products

Field: Sustainable Construction

Research Area: Advanced Wood Materials

Subject: Building codes  
 Building construction  
 Building materials  
 Earthquakes  
 Seismic  
 Shear walls  
 Standards

Series Number: Expanding wood use towards 2025  
 Technical Report TR 2021 N63

Language: English

Abstract: National Building Code of Canada (NBC) 2020 is the latest edition of the national model code that will be published towards the end of 2021. Based on the best available information from the Standing Committee on Earthquake Design (SCED) at the time of writing this report, the seismic design demand in the NBC 2020 has increased for all site classes for many locations across the country. Also, there are other changes in NBC 2020 that might impact the seismic analysis and design of timber buildings. The main objective of this report is to compare the NBC 2020 to the 2015 edition, with emphasis on the level of the seismic design loads (demands), and potential impacts on the analysis and design of timber buildings.

### Documents

---



TR2021N63.pdf

 Read Online

 Download