



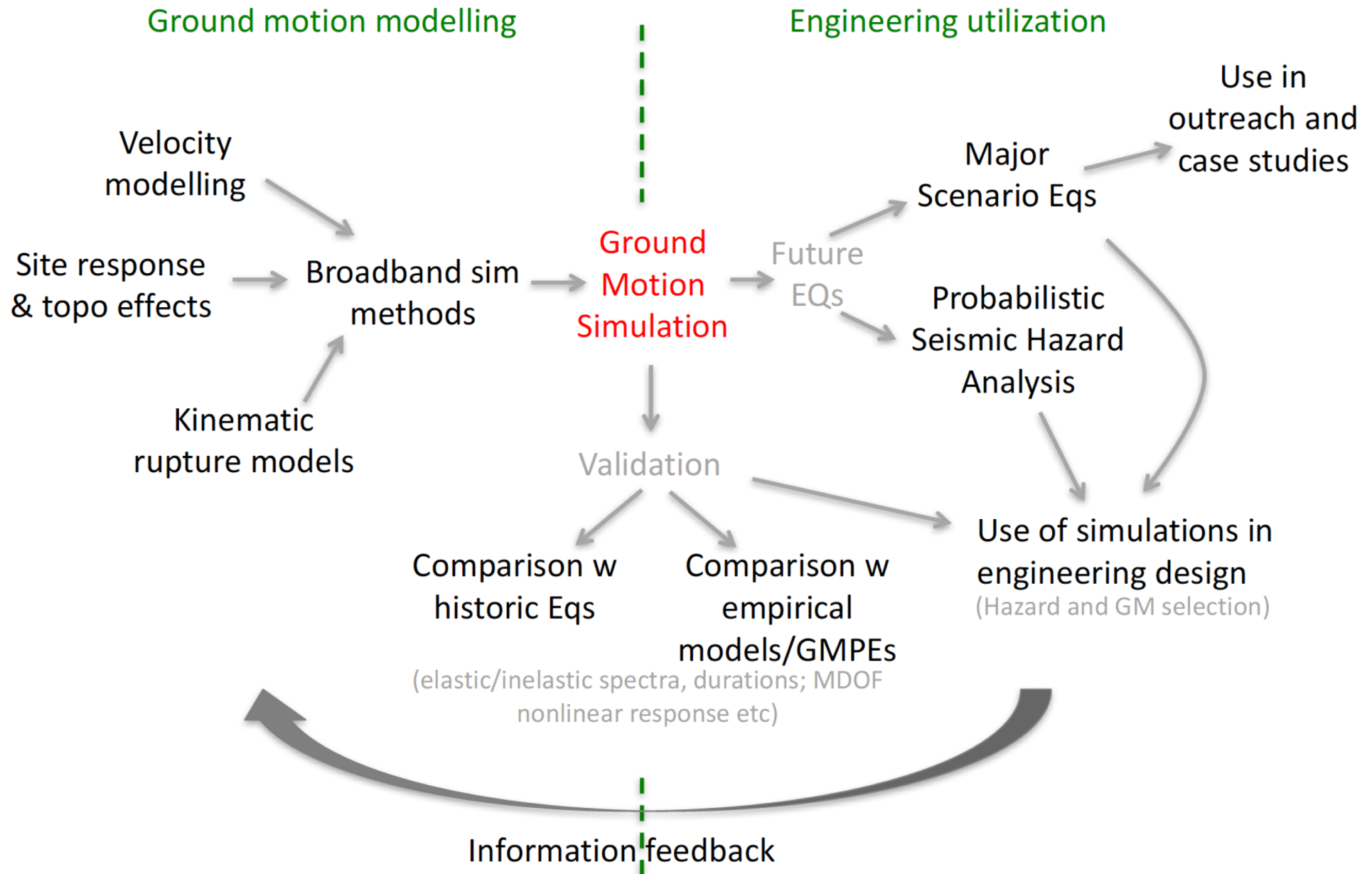
QuakeCoRE
NZ Centre for Earthquake Resilience

Application of code-compatible simulation vs recorded ground motions for structural and geotechnical systems

Flagship 1 Coordinated Project 2018

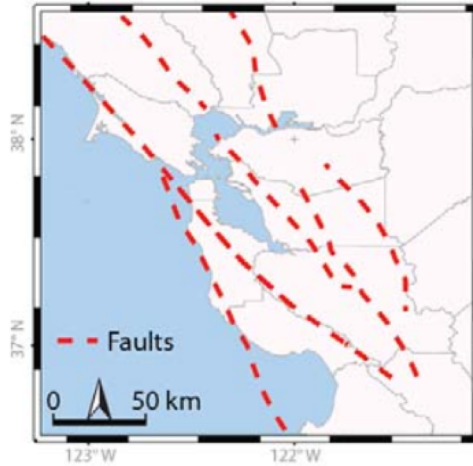


QuakeCoRE
NZ Centre for Earthquake Resilience

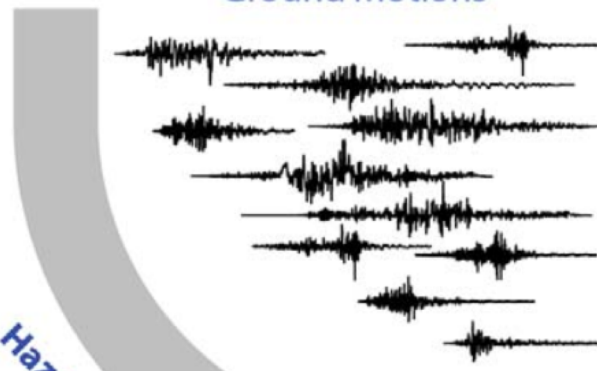


Use of Simulated Ground Motions

Seismic Sources

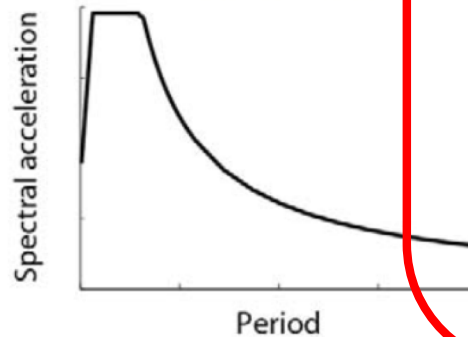


Ground Motions

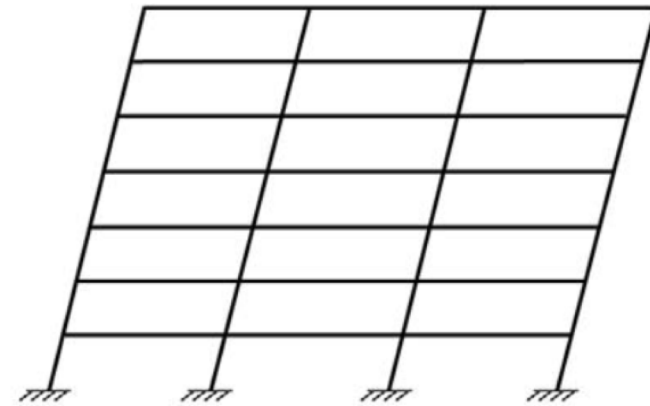


Hazard Analysis

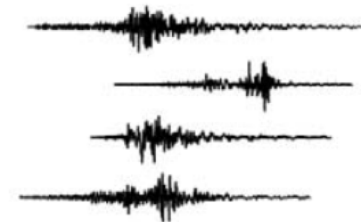
Target Response Spectrum



Structural/geotechnical performance



Ground Motions



Response History Analysis

Role in Validation of Simulated GMs

