Scenario analyses for different rupture parameters

Ground motion intensity measures

Macroseismic intensities

Selection of rupture parameters

Exposure models
1. "building-by-building" (327 buildings)
2. BRGM exposure (aggregated; 9 centroids)
3. ESRM20 exposure (aggregated; 1 centroid)

Site models
1. BRGM $V_{S30}$ (BRGM soil classes to $V_{S30}$)
2. ESRM20 $V_{S30}$ (ESRM20 data)
3. Slope and geology (ESRM20 data)

Scenario damage analyses

Comparison of calculations based on observations with the results of the analyses

Post-seismic emergency diagnoses on a green/yellow/red scale for 327 inspected buildings

Rule-based conversion of damages to the EMS-98 scale

Conversion of damages to the EMS-98 scale based on expert judgement assuming that the inspected buildings are representative of the entire building stock

"Extrapolation" of damages for inspected and uninspected buildings

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Conversion of damages to the EMS-98 scale based on expert judgement assuming that the inspected buildings are representative of the entire building stock