

Hazard Model Name

Basic datasets [optional]

The Seismic source model

The Ground motion model

Hazard results

References

Model summary table

This table summarises the main characteristics of the original implementation of this model

| | |
|----------|--|
| 1 | Datasets availability |
| 1.1 | Earthquake catalogue |
| 1.2 | Geological database |
| 1.3 | Strong-motion database |
| 1.4 | Site characterization database |
| Notes | |
| 2 | Methodology for model development |
| 2.1 | Scientific participation (SSHAC levels) and review process |
| 2.2 | Documentation describing model preparation |
| 2.3 | Codes used for model preparation |
| Notes | |
| 3 | PSHA input model |
| 3.1 | Seismic Source Model |
| 3.1.1 | Area sources |
| 3.1.2 | Grid sources |
| 3.1.3 | Crustal faults |
| 3.1.4 | Subduction faults |
| 3.1.5 | Non-parametric ruptures |
| 3.1.6 | Magnitude-scaling relationships |
| 3.2 | Ground Motion Model |
| 3.2.0 | Tectonic regionalisation |
| 3.2.1 | Models for active shallow seismicity |
| 3.2.2 | Models for subduction interface |

| | |
|--------------|--|
| 1 | Datasets availability |
| 3.2.3 | Models for subduction intraslab |
| 3.2.4 | Models for stable continental regions |
| 3.2.5 | Models for deep non-subduction sources |
| 3.2.6 | Models for volcanic areas |
| 3.3 | Site Response Model |
| 3.3.1 | Based on GMPEs |
| 3.3.2 | Based on site-response analysis |
| 3.4 | Epistemic uncertainties |
| 3.4.1 | Seismic Source Model |
| 3.4.1 | Ground Motion Model |
| 3.4.2 | Site Response Model |
| <i>Notes</i> | |
| 4 | Hazard Input Description |
| 4.1 | Hazard input document |
| 4.2 | Input files |
| <i>Notes</i> | |
| 5 | Calculation |
| 5.1 | Software |
| 5.2 | Results |
| 5.2.1 | Hazard curves |
| 5.2.2 | Hazard maps |
| 5.2.3 | Uniform hazard spectra |
| 5.2.4 | Disaggregation |
| 5.2.5 | Stochastic event sets |
| 5.2.6 | Ground motion fields |
| <i>Notes</i> | |

From: <https://hazardwiki.openquake.org/> - **GEM Hazard Team Wiki**

Permanent link: https://hazardwiki.openquake.org/emme2014_intro

Last update: **2015/01/07 11:32**

