

# Middle East: EMME (2014)

The EMME PSHA model has been developed in the framework of a project sponsored by

## Data

### Earthquake catalogues

The catalogs used to create the EMME PSHA input model are the following:

1. AA
2. [Historical catalogue](#)

### Active fault database

### Ground motion prediction equations

## PSHA input model building methodology

### Catalogue compilation

### Catalogue processing

### Modelling of distributed seismicity

- Area sources
- Smoothing

### Faults

- Methodology for activity rate definition

## Ground Motion Prediction Equations

### Selection Criteria

### Models

## Modelling epistemic uncertainties

# PSHA Calculation

- Original software adopted

## Bibliography

- Rojas, W., H. Bungum, C. Lindholm (1993). Historical and recent earth- quakes in Central America, Rev. Geol. Amer. Central 16, 5-21 [pdf](#)

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