

Seismic source event characteristics

- 1 Epicenter: 20.000 N, 93.500 E
- 2 Depth: 15 km
- 3 Dip: 10-15 degree
- 4 Slip: 15m – 25m
- 5 Rupture length: 500km – 700km
- 6 Recurrence interval: 500 – 700 years

Scenario Parameters for Chattogram Earthquake Hazard Datasets

Sc1- Earthquake hazard intensity data based on Abrahamson et al. 2014 attenuation algorithms in the unit of PGA

Sc2- Earthquake hazard intensity data based on Abrahamson et al. 2014 attenuation algorithms in the unit of SA at 0.3 seconds

Sc3- Earthquake hazard intensity data based on Abrahamson et al. 2014 attenuation algorithms in the unit of SA at 0.7 seconds

Sc4- Earthquake hazard intensity data based on Abrahamson et al. 2014 attenuation algorithms in the unit of SA at 1.0 seconds

Sc5- Earthquake hazard intensity data based on Boore et al. 2014 attenuation algorithms in the unit of PGA

Sc6- Earthquake hazard intensity data based on Boore et al. 2014 attenuation algorithms in the unit of SA at 0.3 seconds

Sc7- Earthquake hazard intensity data based on Boore et al. 2014 attenuation algorithms in the unit of SA at 0.7 seconds

Sc8- Earthquake hazard intensity data based on Boore et al. 2014 attenuation algorithms in the unit of SA at 1.0 seconds

Sc9- Earthquake hazard intensity data based on Campbell and Bozorgnia et al. 2014 attenuation algorithms in the unit of PGA

Sc10- Earthquake hazard intensity data based on Campbell and Bozorgnia et al. 2014 attenuation algorithms in the unit of SA at 0.3 seconds

Sc11- Earthquake hazard intensity data based on Campbell and Bozorgnia et al. 2014 attenuation algorithms in the unit of SA at 0.7 seconds

Sc12- Earthquake hazard intensity data based on Campbell and Bozorgnia et al. 2014 attenuation algorithms in the unit of SA at 1.0 seconds

Sc13- Earthquake hazard intensity data based on Chiou and Youngs, 2014 attenuation algorithms in the unit of PGA

Sc14- Earthquake hazard intensity data based on Chiou and Youngs, 2014 attenuation algorithms in the unit of SA at 0.3 seconds

Sc15- Earthquake hazard intensity data based on Chiou and Youngs, 2014 attenuation algorithms in the unit of SA at 0.7 seconds

Sc16- Earthquake hazard intensity data based on Chiou and Youngs, 2014 attenuation algorithms in the unit of SA at 1.0 seconds