

Seismogenic structure name	Length (km)	Depth (km)	Dip (degree)	Rake (degree)	Maximum magnitude	Slip rate (mm/year)			Recurrence interval (year)
						Min	Mean	Max	
Milun fault	32.60	10.0	75.0 (NE)	45	6.56	10.11	10.15	10.19	80
Longitudinal Valley fault	147.50	20.0	75.0 (NE)	45	7.52	5.6	11.35	17.1	200
Central Range structure	86.20	20.0	45.0 (NW)	90	7.38	5.51	7.28	9.05	270
Luyeh fault	19.60	4.0	45.0 (NW)	90	6.24	6.17	6.34	6.51	130

Table 1. The parameters of the four seismogenic structures in the study region.